

**This compilation is NOT meant to substitute official notifications issued from time to time. It has been prepared ONLY for the purpose of convenient reference for general public. While efforts are made to incorporate changes from time to time by the Directorate of Plant Protection, Quarantine & Storage, Faridabad, no claims/liabilities shall be entertained for any errors that might have crept in this compilation. For authentication, relevant notification issued may be referred to.**



**THIS IS AN UPDATED AND CONSOLIDATED VERSION OF THE  
PLANT QUARANTINE ORDER (REGULATION OF IMPORT INTO INDIA), 2003, AND  
INCLUDES AMENDMENTS ISSUED THERETO FROM TIME TO TIME**

**Introductory Note**

Plant Quarantine (Regulation of Import into India) Order, 2003 regulates import and prohibition of import of plants and plant products into India. The Order was published in the Gazette of India, vide, S.O.1322 (E), dated 18<sup>th</sup> November, 2003 and has been subsequently amended vide following notifications:

| Sl. No. | Notifications                                         | Sl. No. | Notifications                                        |
|---------|-------------------------------------------------------|---------|------------------------------------------------------|
| 1.      | S.O. 167(E), dated 6 <sup>th</sup> February, 2004     | 37.     | S.O. 3114 (E), dated 10 <sup>th</sup> December, 2014 |
| 2.      | S.O. 427(E), dated 29 <sup>th</sup> March, 2004       | 38.     | S.O. 1413 (E), dated 26 <sup>th</sup> May, 2015      |
| 3.      | S.O. 644(E), dated 31 <sup>st</sup> May, 2004         | 39.     | S.O. 2496 (E) dated 15 <sup>th</sup> September, 2015 |
| 4.      | S.O. 263 (E), dated 25 <sup>th</sup> February, 2005   | 40.     | S.O. 101(E) dated 13 <sup>th</sup> January, 2016     |
| 5.      | S.O. 462 (E), dated 31 <sup>st</sup> March, 2005      | 41.     | S.O.680 (E) dated 7 <sup>th</sup> March, 2016        |
| 6.      | S.O. 1121(E), dated 14 <sup>th</sup> July, 2006       | 42.     | S.O. 1873 (E) dated 25 <sup>th</sup> May, 2016       |
| 7.      | S.O. 1353, dated 31 <sup>st</sup> July, 2006          | 43.     | S.O. 2192 (E) dated 23 <sup>rd</sup> June, 2016      |
| 8.      | S.O. 1873(E), dated 31 <sup>st</sup> October, 2006    | 44.     | S.O. 2248 (E) dated 29 <sup>th</sup> June, 2016      |
| 9.      | S.O. 2074(E), dated 6 <sup>th</sup> December, 2006    | 45.     | S.O. 2453 (E) dated 5 <sup>th</sup> July, 2016       |
| 10.     | S.O. 2069 (E), dated 3 <sup>rd</sup> December, 2007   | 46.     | S.O. 2614 (E) dated 5 <sup>th</sup> August, 2016     |
| 11.     | S.O. 3(E), dated 31 <sup>st</sup> December 2007       |         |                                                      |
| 12.     | S.O. 2847 (E), dated 8 <sup>th</sup> December, 2008   |         |                                                      |
| 13.     | S.O. 2888(E), dated 15 <sup>th</sup> December, 2008   |         |                                                      |
| 14.     | S.O. 2286(E), dated 9 <sup>th</sup> September, 2009   |         |                                                      |
| 15.     | S.O. 2390(E), dated 16 <sup>th</sup> September, 2009  |         |                                                      |
| 16.     | S.O. 3269(E), dated 23 <sup>rd</sup> December, 2009   |         |                                                      |
| 17.     | S.O. 3298(E), dated 24 <sup>th</sup> December, 2009   |         |                                                      |
| 18.     | S.O. 907(E), dated 21 <sup>st</sup> April, 2010       |         |                                                      |
| 19.     | S.O. 2095(E), dated 27 <sup>th</sup> August, 2010     |         |                                                      |
| 20.     | S.O. 2284(E), dated 15 <sup>th</sup> September, 2010  |         |                                                      |
| 21.     | S.O. 2516(E), dated 11 <sup>th</sup> October, 2010    |         |                                                      |
| 22.     | S.O. 2711(E), dated 4 <sup>th</sup> November, 2010    |         |                                                      |
| 23.     | S.O. 3052(E), dated 28 <sup>th</sup> December, 2010   |         |                                                      |
| 24.     | S.O. 887(E), dated 28 <sup>th</sup> April, 2011       |         |                                                      |
| 25.     | S.O. 2845(E), dated 21 <sup>th</sup> December, 2011   |         |                                                      |
| 26.     | S.O. 296 (E), dated 17 <sup>th</sup> February, 2012   |         |                                                      |
| 27.     | S.O. 2775(E), dated 23 <sup>rd</sup> November, 2012   |         |                                                      |
| 28.     | S.O. 779(E), dated 21 <sup>th</sup> March, 2013       |         |                                                      |
| 29.     | S.O. 1378 (E), dated 28 <sup>th</sup> May, 2013       |         |                                                      |
| 30.     | S.O. 1531 (E), dated 14 <sup>th</sup> June, 2013      |         |                                                      |
| 31.     | S.O. 2919 (E), dated 26 <sup>th</sup> September, 2013 |         |                                                      |
| 32.     | S.O. 1508 (E), dated 13 <sup>th</sup> June, 2014      |         |                                                      |
| 33.     | S.O. 1632 (E), dated 27 <sup>th</sup> June, 2014      |         |                                                      |
| 34.     | S.O. 2320 (E), dated 12 <sup>th</sup> September, 2014 |         |                                                      |
| 35.     | S.O. 2542 (E), dated 29 <sup>th</sup> September, 2014 |         |                                                      |
| 36.     | S.O. 2879 (E), dated 11 <sup>th</sup> November, 2014  |         |                                                      |

The Plant Quarantine Order has 15 clauses describing various aspects and conditions of import of agricultural articles (plants and plant products) into India. There are 16 forms for various plant quarantine regulatory functions. The Order has following Schedules:

- Schedule I Points of Entry for Imports of plants/plant materials and other articles
- Schedule II List of Inland Container Depots and Container Freight Stations for import of plants and plant products
- Schedule III List of Foreign Post Offices for import of plants and plant products
- Schedule IV List of plants/planting materials and countries from where import is prohibited along with justification
- Schedule V List of plants and plant materials imports of which are restricted and permissible only by authorized institutions with additional declarations and subject to special conditions
- Schedule VI List of plants/plant materials permitted import with additional declarations and special conditions
- Schedule VII List of plants/planting materials where imports are permissible on the basis of phytosanitary certificate issued by the exporting country, the inspection conducted by Inspection Authority and fumigation, if required, including all other general conditions
- Schedule VIII List of Quarantine Weed Species
- Schedule IX A- Inspection Fees; B- Fumigation/disinfection/disinfestation/supervision charges
- Schedule X List of Permit Issuing Authorities for Import of Seeds, Plants and Plant Products and other articles
- Schedule XI List of Inspection Authorities for Certification of Post Entry Quarantine facilities and inspection of growing plants
- Schedule XII Quantities of seeds permitted for trial purpose/accession to gene bank of National Bureau of Plant Genetic Resources

# PLANT QUARANTINE (REGULATION OF IMPORT INTO INDIA) ORDER, 2003 (Updated and consolidated version)

In exercise of the powers conferred by sub-section (1) of Section 3 of the Destructive Insects and Pests Act, 1914 (2 of 1914), the Central Government hereby makes the following Order, for the purpose of prohibiting and regulating the import into India of agricultural articles mentioned herein, namely:-

## CHAPTER I Preliminary

### 1. Short title and commencement. –

- (1) This order may be called the Plant Quarantine (Regulation of Import into India) Order, 2003.
- (2) Sub-clause (22) of clause 3 shall come into force on the 1<sup>st</sup> day of April, 2004 and all other provisions of this Order shall come into force on the 1<sup>st</sup> day of January, 2004.

### 2. Definitions. – In this Order, unless the context otherwise requires. –

- (i) “**additional declaration**” means a statement that is required by an importing country to be entered in a phytosanitary certificate and which provides specific additional information pertinent to the phytosanitary condition of a consignment;
- (ii) “**bio-control agent**” means any biological agent such as parasite, predator, parasitoid, microbial organism or self replicating entity that is used for control of pests;
- (iii) “**consignment**”- means a quantity of seeds, plants and plant products or any regulated article consigned from one party to other at any one time shipment and covered by a phytosanitary certificate, bill of entry of customs, shipping/airway bill or invoice;
- (iv) “**cotton**” includes ginned cotton, cotton linters and dropping, tripping, fly and other waste products of cotton mill other than yarn waste, but does not include cotton seed or un-ginned cotton;
- (v) “**form**” means a form appended to this Order
- (vi) “**fruit**” means any fleshy portion of the plant, that contains seeds, which is used for consumption, including seedless fruit both fresh and dry but does not include preserved or pickled or frozen fruits.
- (vii) “**grain**” means seeds intended for processing or consumption and not for sowing or propagation.
- (viii) “**germplasm**” means plants in whole or in parts and their propagules including seeds, vegetative parts, tissue cultures, cell cultures, genes and DNA based sequences that are held in a repository or collected from wild as the case may be and are utilized in genetic studies or plant breeding programmes for crop improvement;

- (ix) **“import”** means an act of bringing into any part or place of territory of Republic of India any kind of seed, plant or plant product and other regulated article from a place outside India either by sea, land, air or across any customs frontier;
- (x) **“import permit”** means an official document authorizing importation of a consignment in accordance with specified phytosanitary requirements;
- (xi) **“Inspection Authority”** means an authority specified in Part I of Schedule XI or an officer of the Directorate of Plant Protection, Quarantine and Storage duly authorized by the Plant Protection Adviser for the purpose of approval and certification of Post-Entry Quarantine facilities and inspection of growing plants in such facilities in accordance with the guidelines issued by the Plant Protection Adviser and for any specified purpose, an authority specified in Part II of the said Schedule.
- (xii) **“Irradiation”** means the treatment of food or agricultural products with any type of processing of ionized radiation such as gamma irradiation or micro-electron acceleration processing.
- (xiii) **“issuing authority”** means an authority as envisaged under Schedule-IV of this order or duly notified by the Central Government from time to time either generally or specifically for issuance of import permit;
- (xiv) **“notification”** means a notification published in the official Gazette and the expression “notifies” shall be construed accordingly;
- (xv) **“noxious weeds”** mean any weed harmful or hazardous or unwholesome to human beings, animal life or parasitic on plant species;
- (xvi) **“packing material”** means any kind of material of plant origin used for packing of goods;
- (xvii) **“pest”** means any species, strain or biotype of plant, animal or pathogenic agent injurious to plants and plant products;
- (xviii) **“pest risk analysis”** means the process of evaluating biological or other scientific and economic evidence to determine whether a pest should be regulated and strength of any phytosanitary measures to be taken against it;
- (xix) **“phytosanitary certificate”** means a certificate issued in the model format prescribed under the International Plant Protection Convention of the Food & Agricultural Organization and issued by an authorized officer at the country of origin of consignment or re-export;
- (xx) **“plant”** means a living plants and parts thereof including seed and germplasm;
- (xxi) **“plant product”** means an un-manufactured material of plant origin including grain and those manufactured products that, by their nature or that of their processing, may create risk for the introduction and spread of a pest.
- (xxii) **“Plant Protection Adviser”** means the Plant Protection Adviser to the Government of India, Directorate of Plant Protection, Quarantine and Storage;

- (xxiii) “**point of entry**” means any sea port, airport, or land-border check-post or rail station, river port, foreign post office, courier terminal, container freight station or inland container depot notified as specified in Schedule-I or Schedule-II or Schedule-III as the case may be;
- (xxiv) “**post-entry quarantine**” means growing of imported plants in confinement for a specified period of time in a glass house, screen house, poly house or any other facility, or isolated field or an off-shore island that is established in accordance with guidelines/standards and are duly approved and certified by an inspection authority notified under this order;
- (xxv) “**quarantine pest**” means a pest of potential economic importance to the area endangered thereby and not yet present there, or present but not widely distributed and being officially controlled;
- (xxvi) “**regulated article**” means any article the import of which is regulated by this order;
- (xxvii) “**schedule**” means a Schedule to this Order;
- (xxviii) “**seeds**” means seeds intended for sowing or propagating and not for consumption or processing;
- (xxix) “**soil**” means earth, sand, clay, silt, loam, compost, manure, peat or sphagnum moss, litter, leaf waste or any organic media that support plant life and shall include ship ballast or any organic medium used for growing plants.
- (xxx) “**timber**” means a form of dead wood, log and lumber cut from plants, with or without bark or sawn and sized, which is used for manufacturing veneer, plywood, particle or chip board and making building material, furniture, packages, pallets, sports goods and handicrafts;.
- (xxxi) “**tissue cultured plant**” means any part of a plant or plant tissue or plantlet grown under aseptic or sterile conditions in flasks or other suitable container on appropriate media and shall include ex-agar washed plant lets;
- (xxxii) “**dunnage**” means wood packing material used to secure or support a commodity but which does not remain associated with the commodity [FAO, 1009; revised ISPM Pub. No. 15, 2002]
- (xxxiii) “**wood packing material**” means wood or wood products (excluding paper products) used in supporting, protecting or carrying a commodity (includes dunnage) [ISPM Pub. No.15, 2002]
- (xxxiv) “**article**” means any kind of movable property including any goods and stores consigned from one party to another as a shipment and covered by a bill of entry of customs, shipping or airway bill and/ or invoice in the course of international trade.

## **CHAPTER II**

### **General conditions for import**

#### **3. Permits for Import of plants, plant products etc.**

- (1) No plants, plant products and other regulated articles (hereinafter referred to as 'consignment') shall be imported into India without complying the phytosanitary conditions stipulated under this Order. The order shall regulate import of all plants, plant products and other articles including but not limited to seeds/grains, pods, nuts, fruits, bulbs, tubers, corms/cormlets, rhizomes, suckers, cuttings, grafts, saplings, bud woods, roots, rootstock, flowers, pollens, dry plant materials, timber, wood, logs, tissue culture plants, soil, earth, clay, sand, peat/moss, live insects, microbial culture, bio-control agents, transgenic plants and genetically modified organisms etc.,
- (2) No categories of plants/plant products in respect of the plant species or variety mentioned in Schedule-IV shall be allowed to be imported into India from the countries mentioned against each in column (4) of the said Schedule.
- (3) **Deleted vide Sixth Amendment of 2016, vide S.O.2453 (E), dated 5<sup>th</sup> July, 2016**
- (4) Import of consignments of seeds of coarse cereals, pulses, oil seeds and fodder seeds and seeds/stock material of fruit plant species for propagation shall only be permitted based on the recommendations of EXIM Committee of Department of Agriculture, Cooperation & Farmers' Welfare (DAC&FW), except the trial material of the same as specified in Schedule-XII of Plant Quarantine Order.
- (5) **Deleted vide Sixth Amendment of 2016, vide S.O.2453 (E), dated 5<sup>th</sup> July, 2016**
- (6) No consignment of regulated articles as referred under Clause 4, 6 & 7 shall be allowed for import unless accompanied with an import permit issued by the authority as specified under Schedule X.
- (7) The Plant Protection Adviser shall, after obtaining the approval of the Central Government in the Department of Agriculture and Cooperation and based on International Standards established by the International Plant Protection Convention (IPPC) under Food and Agriculture Organization, issue the guidelines for carrying out Pest Risk Analysis (PRA). No import shall be permitted for the consignment other than those listed in Schedule-V, VI and VII unless the Pest Risk Analysis is carried out in accordance with such guidelines and subject to such restrictions and conditions as specified in such permit. For this purpose the importer or NPPO of exporting country shall submit an application for PRA for import of agricultural commodities into India in form PQ 23, including the technical information in form PQ 24 for conducting PRA to PPA or Joint Secretary (PP). The technical information must be updated, validated and provided by National Plant Protection Organization (NPPO) of the exporting country. The process of PRA involves the categorization of pests associated with the commodity into quarantine pests; evaluation of their introduction potential; critical assessment of economic and environmental impact of their introduction; and specification of risk mitigating measures against them. The completion of PRA process may involve the visit of phytosanitary experts to the country of export to carry out pre-shipment inspections, evaluate post-harvest treatment technologies and quarantine inspection and certification facilities. In the event of interception of a quarantine pest in imported consignment, further import of consignments shall be suspended until earlier PRA in respect of the consignment is reviewed and the risk mitigating measures are evaluated.

- (8) The issue of permit may be refused or withheld by the issuing authority after giving reasonable notice to the applicant and for reasons to be recorded in writing.
- (9) The Import Permit issued shall be valid for twelve months from the date of issue and valid for multiple port access and multiple part shipments in accordance with Clause 3(14) (i) provided the exporter, importer and country of origin are the same for the entire consignment. The issuing authority may, on request, extend the period of validity for a further period of twelve months after charging Rs. 500/- provided such request for extension of validity is made to the issuing authority before the expiry of the permit with adequate reasons to be recorded in writing. Suppression of the facts or any material information while issue of import permit is liable to be cancelled or withdrawn.
- (10) The import permit issued shall not be transferable and no amendments to the permit shall be issued except for change of point of entry subject to reasons to be recorded in writing.
- (11) **Deleted vide Sixth Amendment of 2016, vide S.O.2453 (E), dated 5<sup>th</sup> July, 2016**
- (12) No consignment of seed or grain shall be permitted to be imported with contamination of quarantine weeds, which are listed in Schedule-VIII unless the said consignment has been devitalized by the exporting country and a certificate to that effect has been endorsed in the phytosanitary certificate issued by the exporting country. Every application for quarantine inspection and clearance shall be made in Form PQ 15.
- (13) All the consignments of plants and plant products and other regulated articles shall be imported into India only through ports of entry as specified in Schedule-I and Inland Container Depots/Container Freight Stations and foreign post offices falling within the jurisdiction of concerned plant quarantine station operating here under or those notified by the Government from time to time in this behalf
- (14) Points of entry for all consignments of seeds and plants for propagation and regulated articles-
- i. All consignments of seeds and plants for propagation and regulated articles such as live insects, microbial cultures, bio-control agents, soil, growing media (with soil, peat or other organic materials) and peat or sphagnum moss shall only be imported into India through National Plant Quarantine Station, New Delhi or Regional Plant Quarantine Stations, Amritsar, Chennai, Kolkata, Mumbai or Plant Quarantine Station, Bengaluru or through any other points of entry as may be notified from time to time for this purpose, provided that import of germplasm/ transgenic plant material and genetically modified organisms shall be permitted only through New Delhi Airport.
  - ii. All consignments of sand in any form for non-agricultural purpose shall be imported into India through National Plant Quarantine Station, New Delhi or Regional Plant Quarantine Stations, Amritsar, Chennai, Kolkata, Mumbai or Plant Quarantine Station, Cochin, Mangalore, Tuticorin and Krishnapatnam.
  - iii. All consignments of other similar materials like inorganic soil additives, leonardite, lignite, pure sand (silica, zircon, quartz etc.), pure clay like kaolin etc., rock aggregates and gravel, volcanic, pumice, chalk, rock salt, diatomaceous earth, all kinds of ore, vermiculite, perlite, gypsum, zeolite etc., in any form for industrial and non-agricultural purpose and stone (aggregated/dust) for non-agricultural purpose shall be imported into India as per clause 3(13).
- (15) On arrival, at the first point of entry the consignment shall be inspected by the Plant Protection Adviser or any other officer duly authorized by him in this behalf and appropriate samples shall

be drawn for laboratory testing, in accordance with the guidelines issued by Plant Protection Adviser from time to time.

- (16) The Plant Protection Adviser or the officer authorized by him may, after inspection and laboratory testing, fumigation, irradiation, disinfection or disinfestation, as may be considered necessary by him, accord quarantine clearance for the entry of a consignment or grant provisional clearance for growing under post-entry quarantine, as the case may be in form PQ 16 and or order deportation or destruction of the consignment in form PQ 17 in the event of non-compliance with the restrictions and conditions specified in this Order.
- (17) Where fumigation or disinfestation or disinfection is considered necessary in respect of a consignment of plants, seeds and fruits the importer shall on his own and at his cost arrange for the fumigation, disinfection or disinfestation of the consignment, through an agency approved by the Plant Protection Adviser under the supervision of an officer duly authorized by the Plant Protection Adviser in that behalf.

“Provided that where irradiation is necessary in respect of any consignment of fresh fruits or vegetables or other plant products, the same shall be carried out by the importer at his own cost, at an irradiation facility, established as per the regulations of the “Atomic Energy Regulatory Board” and duly approved by the “Plant Protection Adviser” to the Government of India (PPA) under the International Standards established under the “International Plant Protection Convention” and at the scheduled dosage approved by the Plant Protection Adviser under supervision of an officer authorized by him, where necessary”

- (18) It shall be the responsibility of the importer or his authorized agent. –

- (i) to file an application for the quarantine inspection of imported seeds, plants and plant products or other regulated articles in the form PQ 15 along with copies of relevant documents and fees as prescribed under Schedule-IX payable by a demand draft to the competent authority
- (ii) to provide information on any plant and plant product and other articles covered under this Order and which are imported by him/her or are in his/her possession, to Plant Protection Adviser or any officer duly authorised by him;
- (iii) to bring the consignments to the concerned plant quarantine station or to place of inspection, fumigation or treatment as directed by Plant Protection Adviser or any officer duly authorised by him;
- (iv) to permit drawing of appropriate samples for inspection and laboratory investigation and extend necessary facilities towards the same;
- (v) to open, repack and load into or unload from the fumigation chamber and seal the consignment;
- (vi) to remove them after inspection and treatment according to the directions issued by the Plant Protection Adviser or any officer authorised by him;
- (vii) to arrange deportation or destruction of the consignment at the cost of importer as may be deemed necessary by Plant Protection Adviser or an officer authorized by him



- (19) No consignment or container carrying plants and plant products intended for other countries shall be allowed transit through or transshipment at air or sea ports or land customs stations, unless they are packed in such a manner so as not to permit spillage of material or contamination with soil or escape of any pest, and subject to the condition that the package or container shall not be opened or seals are broken anywhere in India
- (20) No consignment shall be permitted import unless accompanied by an original Phytosanitary Certificate issued by an authorized officer at the country of origin in PQ Form 21 or at the country of re-export in PQ Form 22;

Provided that cut flowers, garlands, bouquets, dry fruits/nuts etc., weighing not more than two kilograms imported for personal consumption may be allowed to be imported without a Phytosanitary Certificate or an import permit.

Provided that all consignments of Similar material: Inorganic soil additives, Leonardite, Lignite, Pure sand (Silica, Zircon, Quartz, etc.,) Pure clay like kaolin etc., Rock aggregates and Gravel, Volcanic pumice, Chalk, Rock salt, Diatomaceous earth, All kinds of ore, Vermiculite, Perlite, Gypsum, Zeolite etc., may be allowed to be imported in any form, for industrial and non agricultural purpose, without a Phytosanitary Certificate or an import permit.

- (20A) No article, packed with raw / solid wood packing material shall be released by the proper officer of Customs unless the wood packaging material has been appropriately treated and marked as per ISPM-15 or is accompanied by a phytosanitary certificate with the treatment endorsed.

The treatment of raw / solid wood packing material prior to export shall include either Methyl bromide (MB) @ 48 g/m<sup>3</sup> for 16 hrs at 21°C and above or any equivalent thereof or heat treatment (HT) at 56°C for 30 min (core temperature of wood) or Kiln Drying (KD) or Chemical Pressure Impregnation (CPI) or any other treatments provided that these meet the HT specification of the ISPM-15.

Any, article, if found packed with raw / solid wood packaging material without specified treatment and without marking as per ISPM-15 or if not accompanied by Phytosanitary Certificate with treatment endorsed, as the case may be, shall be considered untreated and shall be referred by the proper officer of the Customs to Plant Quarantine Officer. The proper officer or Customs shall grant release of such articles packed with untreated wood packaging material only after ensuring that the wood packaging material has been appropriately treated at the point of entry under the supervision of Plant Quarantine Officer.

Provided that above conditions shall not be applicable to wood packaging material wholly made of processed wood products such as ply wood, particle board, oriental strand board or veneer that have been created using glue, heat and pressure or combination thereof. Also the above conditions shall not be applicable to wood packaging material such as veneer peeler cores, saw dust, wood wool and shavings and thin wood pieces (less than 6 mm thickness), unless they are found to be harboring any regulated pests specified in this order.

Provided further that nothing contained in this clause shall be applicable to wood packaging materials used for packaging of bona-fide passenger baggage containing goods other than plant and plant products.

- (20 B) No article packed with hay or straw shall be allowed to be imported unless such hay or straw, as the case may be is treated prior to export and the article shall accompany the treatment certificate.

**Explanation:** In this sub-clause, the word “treated” shall mean treated by Methyl bromide fumigation @ 48 gm/m<sup>3</sup> for 24 hours at normal atmospheric pressure at 21°C or above or equivalent thereof; or steam sterilization under pressure 56°C for 30 minutes; or any other treatment approved by the Plant Protection Adviser.

(21) **Deleted vide Third Amendment of 2004, vide S.O. 644(E), dated 31<sup>st</sup> May, 2004**

(22) **Deleted vide Third Amendment of 2004, vide S.O. 644(E), dated 31<sup>st</sup> May, 2004**

**4. Import of soil, growing media, etc. - No import of soil, growing media (with soil, peat or other organic materials), sand and peat or sphagnum moss, similar material and stone shall be permitted except under the following conditions, namely:-**

- i. The consignments of soil in any form for research purpose; sand, similar material and stone for industrial and non-agriculture purpose; growing media (with soil, peat or other organic materials), peat or sphagnum moss for horticultural purposes, may be permitted through specified air or sea ports or land customs station.

“Provided an import permit shall be required for consignment of soil in any form for research purpose; growing media (with soil, peat or other organic materials), peat or sphagnum moss for horticultural purposes”

- ii. The application or online application for the purpose referred to in (i) above shall be made to the Issuing Authority as listed in Schedule-X, at least 10 days in advance, in PQ Form 06.
- iii. A fee of Rs. 1000/- shall be payable along with the application. The fee shall be payable online or in the form of Demand Draft payable to the Competent Authority having jurisdiction.
- iv. The Competent Authority may, after scrutiny of the application, and if satisfied of the purpose, for which such consignment is being imported, issue special permit in Form PQ 07. The import permit shall be issued subject to such restrictions and conditions prescribed under Schedule-VI.

**5. Fees for inspection, fumigation, etc. -**The importer of the consignment or his agent shall pay to the Plant Protection Adviser or any other officer duly authorized by him in this behalf, the fees prescribed in Schedule-IX towards inspection, fumigation, disinfestation, disinfection of consignment.

**6. Permits required for import of Germplasm, Transgenic or Genetically Modified Organisms**

- (1) No consignment of germplasm/transgenics/Genetically Modified Organisms (GMOs) shall be imported into India for the purpose of agricultural research or experimentation purpose without valid permit issued by the Director, National Bureau of Plant Genetic Resources, New Delhi -110012.

**Explanation:** In this sub-clause, “purpose of agricultural research or the purpose of experimentation” shall not include commercial imports which are governed by separate

guidelines issued by the Genetic Engineering Approval Committee, or as the case may be by the Review Committee on Genetic Manipulation (RCGM)”.

- (2) Every application for import of plant germplasm/ transgenics/genetically modified organisms for research/experimental purpose by the public/private organizations will be made to the Director, National Bureau of Plant Genetic Resources, New Delhi in form PQ 08 and the permit shall be issued in form PQ 09 in triplicate and a red/green tag in PQ 10 for germplasm and a Red/White tag in PQ 11 for transgenic/Genetically Modified Organisms. Such permits for import of transgenic/Genetically Modified Organisms shall be issued subject to the approval of Genetic Engineering Approval Committee (GEAC) or as the case may be, the Review Committee on Genetic Manipulation (RCGM) set- up by Department of Biotechnology under the provisions of sub-rule (2) of rule 4 of the Rules for the manufacture, use, import, export and storage of hazardous micro-organisms, Genetically engineered organisms or cells made under Sections 6, 8 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) and subject to such restrictions and conditions prescribed thereof.
- (3) No imported consignments of plant germplasm/ transgenics/ genetically modified pests shall be opened at the point of entry and it shall be forwarded to the Director, National Bureau of Plant Genetic Resources, New Delhi.

**7. Import of live insects and other arthropods/nematodes/microbial cultures including algae/bio-control agents -**

- (1) No consignment of live insects and other arthropods/nematodes/microbial cultures including algae/bio-control agents shall be permitted into India without valid import permit issued by competent authority as specified under Schedule-X.
- (2) Every application or online application for permit to import live insects and other arthropods/nematodes/microbial cultures including algae/bio-control agents, shall be made in the PQ Form 12 at least thirty days in advance to Plant Protection Adviser along with a fee of Rs. 1000/- towards registration in the form of bank draft issued in favour of the Accounts Officer, Directorate of Plant Protection Quarantine and Storage, Faridabad-121001.
- (3) The competent authority shall issue the permit in PQ Form 13 in triplicate, if satisfied of the purpose for which import is made and subject to such conditions imposed thereon.
- (4) All the consignments of live insects and other arthropods/nematodes/microbial cultures including algae/bio-control agents shall be permitted only through points of entry specified under Clause 3(14). The consignment of beneficial insects shall be accompanied by a certificate issued by National Plant Protection Organisation at the country of origin with additional declarations for freedom from specified parasites and parasitoids and the bio-control agents free from hyper-parasites. The consignment of beneficial insects/bio-control agents shall be subjected to post-entry quarantine as may be prescribed by the Plant Protection Adviser.
- (5) Nothing contained in the clause shall apply to import of live insects and other arthropods/nematodes/microbial cultures including algae/bio-control agents having no relevance in agriculture.

## **8. Permit required for import of plants and plant products –**

- (1) No consignment of plants and plant products, if found infested or infected with a quarantine pest or contaminated with noxious weed species shall be permitted to be imported.
- (2) Every vessel carrying out bulk shipment of grains shall be inspected on board by an officer duly authorized by Plant Protection Adviser before the same accorded permission to off-load the grain at the notified port of entry. On inspection, if found free from quarantine pests and noxious weed species, permission shall be accorded to off-load the grain at the port or order fumigation/treatment of grain on board or immediately upon unloading at the port, as the case may be, before such permission is granted for movement outside the port and subject to such conditions as imposed thereon.
- (3) The bulk shipment (s) of transgenic plants or plant products or genetically modified organisms shall be dealt as per the provisions of the Rules for manufacture, use, import, export and storage of hazardous micro-organisms, Genetically engineered organisms or cells made under Sections 6, 8 and 25 of the Environment (Protection) Act, 1986 (29 of 1986) or under the mechanism established as per the provisions of Biosafety Protocol by the Ministry of Environment and Forests.

## **9. Requirement of Import of Wood and Timber:**

- (1) Notwithstanding that no import permit is required under these rules in respect of any consignment of wood or timber of plant specified in Schedule VII, no such consignment shall be brought into India unless such consignment fulfils the following conditions, namely:-
  - (i) the wood with bark shall be fumigated prior to export with methyl bromide at 48 g/m<sup>3</sup> for 24 hrs at 21°C or above or equivalent thereof or any other treatment duly approved by the Plant Protection Adviser and the treatment shall be endorsed on the Phytosanitary certificate issued thereof at the country of export; or
  - (ii) the timber or sawn or sized wood (without bark) prior to export shall be either fumigated as above or kiln dried or heat treated at 56°C for 30 min (core temperature of wood) and appropriately marked as 'KD' or 'HT', as the case may be, and in such instances no Phytosanitary certificate shall be required, but a treatment certificate issued by the approved agency shall be required to be produced before the Plant Protection Adviser.
- (2) All the consignments of timber shall be inspected on board prior to unloading at the port of arrival by an officer duly authorized by Plant Protection Adviser and, if necessary, fumigated or treated on board before unloading:

Provided that no such inspection shall be necessary in case of containerized cargo.

- (3) The containerized cargo of timber or sawn or seized wood without bark shall be inspected by an authorized Plant Quarantine Officer after unloading of the containers from the ship at the port of container freight station or Inland Container Depots under the jurisdiction of concerned Plant Quarantine Station.
- (4) The provision of this Order shall not apply to consignments of processed wood material such as plywood, particleboard, oriental strand board or veneer that have been manufactured by using glue, heat and pressure or combination thereof.

### **CHAPTER III**

#### **Special conditions of Import**

#### **10. Special conditions for import of plant species –**

- (1) In addition to the general conditions listed above in Chapter-II, the plant species herein after mentioned in Schedule-V, VI and VII shall be permitted to be imported subject to such restrictions and conditions specified in this Chapter.
- (2) Every consignment of plant species herein specified in Schedule-V, VI and VII shall be accompanied by an original Phytosanitary Certificate issued by the authorized officer at country of origin or Phytosanitary Certificate for re-export issued by the country of re-export along with attested copy of phytosanitary certificate from country of origin, as the case may be, with the additional declarations being free from pests mentioned under Schedule-V and VI of this order or that the pests as specified do not occur in the country or state of origin.
- (3) The special conditions relating to treatment and freedom from soil and/ or weed as specified under Schedule V and VI shall be endorsed on such Phytosanitary certificate wherever applicable.
- (4) The consignment of plants and planting material shall be imported subject to the conditions stipulated under Clause 3(4) & 11.

### **CHAPTER IV**

#### **Post-entry Quarantine**

#### **11. Post-entry Quarantine -**

- (1) Plants and seeds, which require post-entry quarantine as laid down in Schedule V and VI of this order, shall be grown in post-entry quarantine facilities duly established by importer at his cost, approved and certified by the Inspection Authority as per the guidelines prescribed by the Plant Protection Adviser.
- (2) The period for which, and the conditions under which, the plants and seeds shall be grown in such facilities shall be specified in the permit granted under clause 3.
- (3) Nothing contained in Sub-clause (1) shall apply to the import of tissue-cultured plants that are certified virus-free as per Schedule-V and VI, but such plants, shall be subjected to inspection at the point of entry to ensure that the phytosanitary requirements are met with.
- (4) Every application for certification of post-entry quarantine facilities shall be submitted to the inspection authority in Form PQ 18. The inspection authority if satisfied after necessary inspection and verification of facilities shall issue a certificate in Form PQ 19.
- (5) At the time of arrival of the consignment, the importer shall produce this certificate before the Officer-in-Charge of the Quarantine Station at the entry point along with an undertaking in form PQ 20.
- (6) If the Officer-in-Charge of the Quarantine Station, after inspection of the consignment is satisfied, shall accord quarantine clearance with post-entry quarantine condition on the

production, by an importer, of a certificate from the inspection authority with the stipulation that the plants shall be grown in such post-entry quarantine facility for the period specified in the import permit.

- (7) After according quarantine clearance with post-entry quarantine conditions to the consignments of plants and seeds requiring post-entry quarantine, the Officer-in-Charge of the Quarantine Station at the entry point shall inform the inspection authority, having jurisdiction over the post-entry quarantine facility, of their arrival at the location where such plants would be grown by the importer.
- (8) It shall be the responsibility of the importer or his agent -
- (i) to intimate the inspection authority in advance about the date of planting of the imported plant or seed.
  - (ii) not to transfer or part with or dispose the consignment during the pendency of post-entry quarantine except in accordance with a written approval of inspection authority.
  - (iii) to permit the inspection authority complete access to the post-entry quarantine facility at all times and abide by the instructions of such inspection authority.
  - (iv) to maintain an inspection kit containing all requisite items to facilitate nursery inspection and ensure proper plant protection and upkeep of nursery records.
  - (v) to extend necessary facilities to the inspection authority during his visit to the nursery and arrange destruction of any part or whole of plant population when ordered by him in the event of infection or infestation by a quarantine pest, in a manner specified by him.
- (9) The inspection authority of concerned area of jurisdiction or any officer authorized by the Plant Protection Adviser in this behalf, in association with a team of experts shall inspect the plants grown in the approved post-entry quarantine facility at such intervals as may be considered necessary in accordance with the guidelines issued by the Plant Protection Adviser, with a view to detect any pests and advise necessary phytosanitary measures to contain the pests.
- (10) The inspection authority shall permit the release of plants from post-entry quarantine, if they are found to be free from pests and diseases for the period specified in the permit for importation.
- (11) Where the plants in the post-entry quarantine are found to be affected by pests and diseases during the specified period the inspection authority shall:-
- (i) order the destruction of the affected consignment of whole or a part of the plant population in the post-entry quarantine if the pest or disease is exotic, or
  - (ii) advise the importer about the curative measures to be taken to the extent necessary, if the pest or disease is not exotic and permit the release of the affected population from the post-entry quarantine only after curative measures have been observed to be successful. Otherwise, the plants shall be ordered to be destroyed.

- (12) Where destruction of any plant population is ordered by the inspection authority, the importer shall destroy the same in the manner as may be directed by the inspection authority and under his supervision
- (13) At the end of final inspection, the inspection authority shall forward a copy of the report of post-entry quarantine inspection duly signed by him to the Plant Protection Adviser under intimation to officer-in-charge of concerned plant quarantine station.
- (14) The importer shall be liable to pay the prescribed fee for inspection of plants in the Post-entry Quarantine facility as laid down in Schedule-IX

## **CHAPTER V**

### **Appeal and Revision**

#### **12. Appeal -**

- (1) If an importer is aggrieved by the decision of the inspection authority regarding the destruction of any plant population, he may appeal to the Plant Protection Adviser within 7 days from the date of communication of the decision giving the grounds of appeal.
- (2) It shall be lawful for the Plant Protection Adviser to rely on the observations of the inspection authority and such other expert opinion, as he may deem necessary, for deciding the appeal.
- (3) The memorandum of appeal under sub-clause (1) shall set out the grounds in successive paragraphs on which the decision is challenged and shall be accompanied by a bank draft in favour of the Plant Protection Adviser and payable at Faridabad, evidencing the payment of fee of Rs. 100/-

#### **13. Revision -**

The Plant Protection Adviser may, at any time, call for the records relating to any case pending before the inspection authority for the purpose of satisfying itself as to the legality or propriety of any decision passed by that authority and may pass such order in relation thereto, as it thinks fit:

Provided that no such order shall be passed after the expiry of three months from the date of the decision;

Provided further that the Plant Protection Adviser shall not pass any order prejudicial to any person, without giving him a reasonable opportunity of being heard.

## **CHAPTER VI**

### **Power of Relaxation**

#### **14. Relaxation conditions of Import Permit and Phytosanitary Certificate in certain cases –**

- (1) The Central Government may, in public interest, relax any of the conditions of this Order relating to the import of any consignment. The Joint Secretary in-charge of Plant Protection in the Department of Agriculture & Cooperation shall be the competent authority for according the relaxation. Further the powers of relaxation has been delegated (vide DAC Lt. No. 8-5/2004-PPI(pt) dated 2<sup>nd</sup> February 2005) to officers in charge of the Plant Quarantine

Stations for relaxing the conditions of Import permit and phytosanitary certificate required as per Plant Quarantine (Regulation of Import into India) Order, 2003 as a one-time exception in favour of a single party and not for repeated violations by that party. All second or subsequent cases of violation of requirement of Import Permit and Phytosanitary certificate by any party shall be forwarded to Joint Secretary (Plant Protection), Department of Agriculture & Cooperation

- (2) In the event of grant of relaxation by competent authority, the consignment shall be released after charging the fee for import permit and fee for plant quarantine inspection at five times of normal rates.
- (3) The provisions of this Order shall apply without prejudice to the Customs Act, 1962 (52 of 1962) or any other Acts or Order related to imports.

## **Chapter VII**

### **Repeal and Savings**

#### **15. Repeals and Savings -**

- (1) The following orders and notifications are hereby repealed, namely: -
  - (i) Rules for regulating the import of insects into India notified under F-193/40 A dated 3.2.1941
  - (ii) Rules for regulating the import of fungi into India notified under F.16-5(I)/43A dated 10.5.43
  - (iii) Import of cotton into India Regulations, 1972
  - (iv) Plants, Fruits & Seeds (Regulation of Import into India) Order, 1989
- (2) Notwithstanding such repeal, an import permit issued by any competent authority, which is in force immediately before the commencement of this Order and shall continue in force till the 31<sup>st</sup> day of March, 2004 and all appointments made and fees levied under the repealed Rules, Regulations and Orders, and in force immediately before such commencement shall likewise continue in force and be deemed to be made or levied in pursuance of this Order until revoked

**\* PQ Forms 01, 02, 03, 04, 05, 10, 11 and 14 has been deleted vide Sixth Amendment of 2016, S.O. 2453(E), dated 5<sup>th</sup> July, 2016**



**Application for Permit to Import soil/ growing media/peat or Sphagnum moss**

|                                                                                                                                                                                                                                                                                                                                            |             |                                 |                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------|---------------------|
| To                                                                                                                                                                                                                                                                                                                                         |             |                                 |                     |
| (Issuing Authority)                                                                                                                                                                                                                                                                                                                        |             |                                 |                     |
| I/We hereby make an application in accordance with provisions of clause 4 (ii) of the Plant Quarantine (Regulations of Import into India) Order, 2003 issued under Sub-section (1) of Section 3 of the Destructive Insects & Pests, 1914 (2 of 1914) for permission to import soil/ growing media/peat or Sphagnum moss as detailed below: |             |                                 |                     |
| 1. Name & Address of the importer                                                                                                                                                                                                                                                                                                          |             | 2. Name and address of exporter |                     |
| 3. Country of origin                                                                                                                                                                                                                                                                                                                       |             | 4. Foreign port of shipment     |                     |
| 5. Approximate date of import                                                                                                                                                                                                                                                                                                              |             |                                 |                     |
| 6. Point of entry                                                                                                                                                                                                                                                                                                                          |             | 7. Means of conveyance          |                     |
| 8. Description of consignment                                                                                                                                                                                                                                                                                                              | 9. Quantity | 10 .No of packages              | 11. Mode of packing |
|                                                                                                                                                                                                                                                                                                                                            |             |                                 |                     |
| 12. Specific purpose of import                                                                                                                                                                                                                                                                                                             |             |                                 |                     |
| <b>Declaration</b><br>I/We hereby undertake to pay to an officer duly authorized by the Plant Protection Adviser the prescribed fees towards inspection or treatment of the consignment and abide by the instructions/guidelines issued by him.<br>Date: _____<br>Place: _____                                                             |             |                                 |                     |
| (Signature & Name of the<br>Importer or his authorized agent)                                                                                                                                                                                                                                                                              |             |                                 |                     |

Government of India  
Ministry of Agriculture  
(Department of Agriculture & Cooperation)  
Directorate of Plant Protection, Quarantine & Storage,  
NH-IV, Faridabad (Haryana) - 121001.

**Permit for import of soil/ growing media/peat or Sphagnum moss**

Permit No. \_\_\_\_\_

Date of issue \_\_\_\_\_

Valid up to \_\_\_\_\_

In accordance with the provisions of clause 4 of the Plant Quarantine (Regulation of Import into India) Order, 2003 issued under Sub-section (1) of Section 3 of the Destructive Insects & Pests Act, 1914 (2 of 1914) , I hereby grant permission to import the following consignment of soil/ growing media/peat or Sphagnum moss as detailed below:

|                                 |                                 |                    |                    |
|---------------------------------|---------------------------------|--------------------|--------------------|
| 1. Name and address of importer | 2. Name and address of exporter |                    |                    |
| 1. Country of origin            | 4. Point of entry               |                    |                    |
| 5. Description of consignment   | 6.Quantity<br>(Wt./vol.)        | 7. No. of packages | 8. Mode of packing |
|                                 |                                 |                    |                    |

9.The above permission is granted subject to the following conditions:

(1) The imported consignment shall be accompanied by an official phytosanitary certificate issued by an authorized officer in the country of origin stating that

(a) \_\_\_\_\_

(b) \_\_\_\_\_

(c) \_\_\_\_\_

(2) The permit is not transferable and shall be valid for six months from the date of issue and valid for multiple port access and multiple part shipments provided the exporter, importer and country of origin of the same for the entire consignment. The permit number shall be quoted on the phytosanitary certificate issued at the country of origin/re-export, as the case may be.

(3) The imported consignment of soil/effluents shall be disposed after laboratory investigation in a manner prescribed by an officer duly authorized by the Plant Protection Adviser in this regard.

|                                    |        |                                                          |
|------------------------------------|--------|----------------------------------------------------------|
| Date :<br>_____<br>Place:<br>_____ | (Seal) | Name<br>Signature<br>Designation<br>of Issuing Authority |
|------------------------------------|--------|----------------------------------------------------------|

**Application for Permit to Import Germplasm/Transgenics/Genetically Modified Organisms  
(GMO's) For Research Purpose.**

|                                                                                                                                                                                                                                                                                                                                                                 |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| <b>To</b><br><b>The Director,</b><br><b>National Bureau of Plant Genetic Resources,</b><br><b>Pusa Campus, New Delhi-110012</b>                                                                                                                                                                                                                                 |  |  |
| I hereby apply for a permit in accordance with provisions of clause 6 (2) of the Plant Quarantine (Regulation of Import into India) Order, 2003 issued under the Sub-section (1) of Section (3) of the Destructive Insects & Pests Act, 1914 (2 of 1914), authorizing the import of plants/planting materials for research purposes as per details given below: |  |  |
| 1. Name and address of the applicant                                                                                                                                                                                                                                                                                                                            |  |  |
| 2. Exact description of Seeds/Planting Material s to be imported:<br>(a) Common and botanical name:<br>(b) Germplasm/variety/hybrid/composite/synthetic provenance/clone/others<br>(c) Form of material required (seed/rooted plants/scions/ tubers/cuttings/bulbs in vitro cultures<br>(d) Parentage, if known                                                 |  |  |
| 3. Place of collection/origin of material to be imported (country/state)                                                                                                                                                                                                                                                                                        |  |  |
| 4 Whether transgenic/GMO or not?<br>[If yes, attach the approval letter issued by RCGM (DBT) in original]                                                                                                                                                                                                                                                       |  |  |
| 5. Name and address of the organization/ institution producing the material                                                                                                                                                                                                                                                                                     |  |  |
| 6. Number of samples to be imported                                                                                                                                                                                                                                                                                                                             |  |  |
| 7. Quantity to be imported (separately for each accession/variety/.hybrid/transgenic/GMO)                                                                                                                                                                                                                                                                       |  |  |
| 8. Suggested source of availability of material including published reference, if known.                                                                                                                                                                                                                                                                        |  |  |
| 9. (a) Whether the aforesaid germplasm/variety/hybrid was imported by you earlier? If so, details thereof (year, quantity, source, etc.)<br>(b) Was the material shared with other scientists/National Gene Bank at NBPGR?                                                                                                                                      |  |  |
| 10. Expected date and arrival in India                                                                                                                                                                                                                                                                                                                          |  |  |
| 11. Mode of shipment (Airmail/Air freight/accompanied baggage)                                                                                                                                                                                                                                                                                                  |  |  |
| 12. Place where imported seeds/planting material will be grown and scientists under whose supervision the seeds/planting material will be grow                                                                                                                                                                                                                  |  |  |
| <p align="center"><b>Declaration</b></p> <p>I hereby declare that the germplasm under import has no commercial value/exclusive ownership and may be shared freely for research purposes.</p> <p>Place: _____</p> <p>Date: _____</p> <p align="right">Signature of the Applicant &amp; Address _____</p>                                                         |  |  |

**For further information contact Tel.No.91/11/5783697, 5732375) or Fax. 91-11/5731495 or E Mail - [director@nbpgr.delhi.nic.in](mailto:director@nbpgr.delhi.nic.in), and Web Address- <http://nbpgr.delhi.nic.in>**

**National Bureau of Plant Genetic Resources (ICAR)**  
New Delhi 110012

**Permit For Import Of Germplasm /Transgenic/Genetically Modified Organisms For Research Purpose.**

Permit No. \_\_\_\_\_

Date of issue \_\_\_\_\_

Valid up to \_\_\_\_\_

In accordance with the provisions of clause 6 (2) of the Plant Quarantine (Regulation of Import into India) Order 2003 issued under Sub-section (1) of Section 3 of the Destructive Insects & Pests Act, 1914, I hereby grant permission to import of germplasm/transgenic/genetically modified organisms herein specified

|                                                                                              |                              |                                 |                      |                       |
|----------------------------------------------------------------------------------------------|------------------------------|---------------------------------|----------------------|-----------------------|
| 1. Name and address of importer                                                              |                              | 2. Name and address of exporter |                      |                       |
| 3. Country of origin                                                                         |                              | Point of Entry                  |                      |                       |
| 4. Description of germplasm/<br>transgenic/Genetically modified<br>organism (Botanical name) | 5. Variety to<br>be imported | 6. Quantity<br>(Weight/Nos.)    | 7. No of<br>Packages | 8. Mode of<br>Packing |
|                                                                                              |                              |                                 |                      |                       |

9. The above permission is granted subject to following conditions:-

- (1) The consignment of germplasm/transgenic shall be free from soil, weed species and plant debris.
- (2) (i) The consignment shall be accompanied by a Phytosanitary Certificate/Phytosanitary Certificate (re-export issued by an authorized officer in the country of origin /country of re-export) as the case may be with additional declaration for the freedom from:
- a) \_\_\_\_\_
- (b) \_\_\_\_\_
- or that the above specified pests do not occur in the country or state of origin.
- (ii) Certified that the germplasm/transgenic as described above obtained from mother crop/stock which were inspected on regular intervals by an appropriate authority in the country of origin and found free from:
- (3) The consignment shall be grown in an approved post-entry quarantine facility established by the importer at \_\_\_\_\_ (name of location of PEQ facility) under the supervision of \_\_\_\_\_ for a period of (days/months) \_\_\_\_\_ (Name & Address of Inspection Authority)
- (4) The permit is not transferable and valid for one-time import. The permit number shall be quoted on the phytosanitary certificate issued at the country of origin or re-export as the case may be.

|                           |      |                                                                              |
|---------------------------|------|------------------------------------------------------------------------------|
| Place: New Delhi<br>Date: | Seal | Name<br>Signature<br>Director<br>National Bureau of Plant Genetics Resources |
|---------------------------|------|------------------------------------------------------------------------------|

**Application for Permit to import live insects and other arthropods/nematodes/microbial cultures including algae/bio-control agents**

|                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| To<br>The Plant Protection Adviser to the<br>Government of India,<br>Directorate of Plant Protection, Quarantine &<br>Storage,<br>NMV-IV, Faridabad (Haryana)-121001)                                                                                                                                                                                                                                                                  |  |
| I/We hereby make an application, in accordance with provisions of Clause 7 of Plant Quarantine Regulation of Import Order, 2003, made under Sub-section (1) of the Section 3 of the Destructive Insects & Pests Act, 1914 (2 of 1914) for a permission to import of following live insects and other arthropods/ nematodes/ microbial cultures including algae/bio-control agents for research/experimental purpose as detailed below: |  |
| 1. Description of insects/mites/nematodes/<br>microbial cultures/ biocontrol agents intended to<br>import (common /scientific names)                                                                                                                                                                                                                                                                                                   |  |
| 2. Taxon (Class/order/family/ sub-family tribe/<br>races or strains)                                                                                                                                                                                                                                                                                                                                                                   |  |
| 3. Stages of the organism                                                                                                                                                                                                                                                                                                                                                                                                              |  |
| 4. Number of specimens or units                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| 5. Host species, if any<br>(Common/Scientific Name)                                                                                                                                                                                                                                                                                                                                                                                    |  |
| 6. Mode of packing & no. of packages and<br>distinguishing marks, if any                                                                                                                                                                                                                                                                                                                                                               |  |
| 7. Country of origin & foreign port of shipment                                                                                                                                                                                                                                                                                                                                                                                        |  |
| 8. Mode of shipment & point of entry                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| 9. Name and address of importer                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| 10. Name & address of exporter                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 11. Approximate date of import                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 12. Purpose of import                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <p align="center"><b>Declaration</b></p> <p>I/We hereby undertake to abide by the instructions/guidelines issued by the Plant Protection Adviser to the Govt. of India from time to time in this regard.</p> <p>Date:_____</p> <p>Place_____</p> <p align="center">(Seal) <span style="float: right;">(Signature of Applicant)</span></p>                                                                                              |  |

(Emblem)  
 Government of India  
 Ministry of Agriculture  
 Department of Agriculture & Cooperation  
 Directorate of Plant Protection, Quarantine & Storage  
 NH-IV, Faridabad (Haryana-121001)

**Permit for import of live insects and other arthropods/nematodes/microbial cultures  
 including algae/bio-control agents**

Permit No. \_\_\_\_\_

Date of issue \_\_\_\_\_

Valid up to \_\_\_\_\_

In accordance with provision of clause 7 (3) of the Plant Quarantine (Regulation of Import into India) Order, 2003 issued under Sub-section (1) of Section 3 of the Destructive Insects & Pests Act, 1914 (2 of 1914), I hereby grant permission for import of following live insects and other arthropods/ nematodes/ microbial cultures including algae/bio-control agents as detailed below:

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                                                         |                           |                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------|---------------------------|-----------------------------------------------------|
| 1. Name & Address of Importer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       | 2. Name & Address of Exporter                                           |                           |                                                     |
| 3. Country of origin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       | 3. Point of Entry                                                       |                           |                                                     |
| 5. Description of organism<br>(Common/Scientific Name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6. Taxon<br>(Class/family order etc.) | 7. Stage of organism, host species, if any                              | 8. No. of specimens/units | 9. Mode of packing and distinguishing marks, if any |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                       |                                                                         |                           |                                                     |
| 10. The above permission is granted subject to the following conditions:<br>(1) No substitute is permitted for the kind or organism permitted for import under this permit.<br>(2) The consignment shall be accompanied by an official certificate issued by an appropriate authority in the country of origin for freedom from:<br>(a) _____<br>(b) _____<br>(3) The consignment of bio-control agents shall be held under post-entry quarantine at _____ (Name of Institute/Organisation) for a period of _____ before release for field trials.<br>(4) The permittee shall intimate the Plant Protection Adviser of any change of address and comply with his instructions. |                                       |                                                                         |                           |                                                     |
| Date: _____<br>Place: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       | Name &<br><br>(Signature of issuing authority)<br>Stamp of Organization |                           |                                                     |

## Application for Quarantine Inspection and Clearance of Imported Plants/Plant Products and Others (Cargo).

|                                                                                                                                                                                                                                                                                                                                                             |                                                        |                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>To</b><br><br><br>                                                                                                                                                                                                                                                                                                                                       | <b>For PQ Office's use:</b>                            |                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                             | Receipt No.                                            | Registration No.                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                             | Date of Receipt                                        | Date of Registration.                                                                                                                                                                                                                                                  |
| In accordance with the provisions of Clause 3 (18) of the Plant Quarantine Regulations of Import into India) Order, 2003 issued under Destructive Insects and Pests Act, 1914 (2 of 1914), I/We, file herewith an application for Plant Quarantine inspection/treatment and clearance of the imported plants/ plant products and others as described below: |                                                        |                                                                                                                                                                                                                                                                        |
| <b>Description of Consignment:</b>                                                                                                                                                                                                                                                                                                                          |                                                        |                                                                                                                                                                                                                                                                        |
| 1. Name & address of importer                                                                                                                                                                                                                                                                                                                               | 2. Name & address of Exporter                          | <input type="checkbox"/> Import Permit<br>No: _____ dt _____<br><br><input type="checkbox"/> Phytosanitary Certificate<br>No: _____ dt _____<br><input type="checkbox"/> Fumigation Certificate, if any                                                                |
| 3. Consignment<br>(Common/botanical name)                                                                                                                                                                                                                                                                                                                   | 4. Quantity (Wt./vol.)                                 |                                                                                                                                                                                                                                                                        |
| 5. No. of pieces/ packages/ containers                                                                                                                                                                                                                                                                                                                      | 6. Distinguishing marks                                |                                                                                                                                                                                                                                                                        |
| 6. Nature of packing material                                                                                                                                                                                                                                                                                                                               | 8. Country of origin & port of shipment                | <input type="checkbox"/> Certificate of origin, if any<br><br><input type="checkbox"/> Bill of Entry<br>No: _____ dt _____<br><input type="checkbox"/> Shipping/Airway bill<br><input type="checkbox"/> Invoice/packing list<br>N.B.: Tick out the documents enclosed. |
| Means of conveyance & date of arrival                                                                                                                                                                                                                                                                                                                       | 10. Point of entry                                     |                                                                                                                                                                                                                                                                        |
| 11. Date and place of inspection                                                                                                                                                                                                                                                                                                                            | 12. Shipping/Airway Bill No. & Date                    | For PQ Office Use:<br>The above documents submitted to this office have been scrutinised and found in order/not in order                                                                                                                                               |
| 13. Value of the Commodity                                                                                                                                                                                                                                                                                                                                  | 14. Purpose of import<br>Sowing/ planting/ consumption | Date:<br><br>Signature of PQ staff                                                                                                                                                                                                                                     |
| <b><u>Declaration</u></b>                                                                                                                                                                                                                                                                                                                                   |                                                        |                                                                                                                                                                                                                                                                        |
| 1) I/we hereby declare that to the best of the knowledge and belief, the particular given above are true and correct.<br>(2) I/We abide by the provisions of the Plant Quarantine (Regulation of Import into India) Order, 2002 and the instructions issued by the officer authorized by Plant Protection Adviser<br>Date: _____<br>Place: _____            |                                                        |                                                                                                                                                                                                                                                                        |
| (Signature of<br>Importer/Authorised Agent)                                                                                                                                                                                                                                                                                                                 |                                                        |                                                                                                                                                                                                                                                                        |

N.B: Application should be submitted by the importer/his authorised agent in duplicate duly filled and completed.; Duplicate copy to be returned to the importer/his authorised agent after endorsing the quarantine order and receipt of payment; Payments should be made by bank draft or pay order drawn in favour of the concerned Pay & Accounts Officer.

| <b>For P Q Office Use:</b>                                                                                                                             |                            |                                                                                                                  |                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assessment of fees:                                                                                                                                    |                            |                                                                                                                  | Receipt of payment:                                                                                                                                                                                             |
| Commodity                                                                                                                                              | Wt. (Kg)/<br>No. of pieces | <b>Particulars of fees<br/>(in Rs)</b><br>1. PEQ fees: _____<br>2. Inspection:<br>Fees _____<br>3. Others: _____ | Received from M/s. _____<br>an amount of Rs. _____<br>(Rs. _____)<br>(in words)<br>by cash /DD /BC /PO /T.R.No. _____<br>Dt: _____<br>drawn on _____<br>(Name of the bank & branch)<br>towards inspection fees. |
| <b>TOTAL:</b><br>(Rupees _____)<br>(In words) _____<br>Date: _____ Assessed by _____ Checked _____<br>by _____ Sign. of staff _____ Sign. of S/O _____ |                            |                                                                                                                  | Date: _____<br>Sign. of Cashier _____ Sign. of DDO/<br>Accountant _____                                                                                                                                         |

**Quarantine Order**

- (1) The goods listed on this Plant Quarantine Entry form are ordered into Quarantine and are to be forwarded to this office under escort by Customs for inspection/treatment and further orders.
- (2) The importer/authorized agent of the importer is hereby directed to present the goods/containers/vessel lying at \_\_\_\_\_ for inspection/sampling on \_\_\_\_\_ and at \_\_\_\_\_ by the following designated staff/officers viz. \_\_\_\_\_ and arrange necessary facilities for the above purpose.
- (3) The importer/authorized agent of the importer is advised to produce original copy of IP/PSC on or before \_\_\_\_\_ to this office for record.
- (4) The importer/authorized agent of importer is advised to contact this office after \_\_\_\_\_ day(s) for further orders.

Date: \_\_\_\_\_

Place: \_\_\_\_\_

(Sign. and Designation of Authority)



(Emblem)  
Government of India  
Ministry of Agriculture  
Department of Agriculture & Cooperation  
Directorate of Plant Protection, Quarantine & Storage

---

**RELEASE ORDER**

Ref. No. \_\_\_\_\_

Date of issue \_\_\_\_\_

In accordance with provisions of Clause 3 (16) of the Plant Quarantine (Regulation of Import into India) Order, 2003, issued under Sub-section (1) of Section 3 of the Destructive Insects & Pests Act 1914 (2 of 1914), the following consignment of plants/plant products referred to this station has been inspected/fumigated or treated and the same has been accorded quarantine clearance/ provisional quarantine clearance\* for growing in an approved post entry quarantine facility, as detailed below:

**Description of Consignment**

|                                                                |                                     |
|----------------------------------------------------------------|-------------------------------------|
| 1. Name of the consignment<br>(Common/botanical name)          |                                     |
| 2. Quantity (Wt./nos.)                                         |                                     |
| 3. Number of packages/containers<br>and mode of packing        |                                     |
| 4. Country of origin/re-export<br>and foreign port of shipment |                                     |
| 5. Distinguishing marks                                        |                                     |
| 6. Means of conveyance & date of arrival                       |                                     |
| 7. Point of entry                                              |                                     |
| 7. Name and address of importer                                |                                     |
| 9. Bill of entry no./shipping or airway<br>bill no. and date   |                                     |
| 10. Date of sampling/inspection/<br>fumigation or treatment    |                                     |
| Date: _____<br>Place: _____                                    | Name<br>Signature<br>(PQ authority) |

Copy to:

(i) Collector of Customs: \_\_\_\_\_

(ii) Inspection Authority \_\_\_\_\_

\*Strike out not applicable

(Emblem)  
 Government of India  
 Ministry of Agriculture  
 Department of Agriculture & Cooperation  
 Directorate of Plant Protection, Quarantine & Storage

### DEPORTATION/DESTRUCTION ORDER

No. \_\_\_\_\_

Dated \_\_\_\_\_

In accordance with the provisions of Clause 3 (16) of the Plant Quarantine (Regulation of Import into India) Order, 2003 issued under the Sub-section (1) of Section 3 of the Destructive Insects & Pests Act, 1914 (2 of 1914), the following consignment of plants/plant products has been ordered for deportation/ destruction as the same was imported in violation of the provisions of the above said Order. The details are as under:

#### Description of Consignment

|                                                            |  |
|------------------------------------------------------------|--|
| 1. Name of the Commodity<br>(Common/botanical name)        |  |
| 2. Quantity (Wt./nos.)                                     |  |
| 3. Number of packages/containers                           |  |
| 4. Country of origin<br>& foreign port of shipment         |  |
| 5. Distinguishing marks, if any                            |  |
| 6. Means of conveyance & date of arrival                   |  |
| 7. Point of entry                                          |  |
| 8. Bill of entry no./shipping or airway bill<br>no. & date |  |
| 9. Date of sampling/inspection/<br>fumigation or treatment |  |

#### Nature of Non-Compliance

( ) Consignment has been imported without valid Import Permit or Phytosanitary Certificate (Clause 3 (1)/3 (20) of the PQ Order, 2002 or both.

( ) Consignment on inspection found to be infested/infected with a quarantine pest notified under Schedule-V and VI, viz. \_\_\_\_\_

( ) Consignment on inspection found to be contaminated with quarantine weed species specified in Schedule VIII, viz. \_\_\_\_\_

( ) Consignment is prohibited entry as per item no. \_\_\_\_\_ of Schedule -IV.

( ) Consignment found to be substantially contaminated with soil.

( ) Consignment found packed with objectionable package material

( ) Any other reason (specify): \_\_\_\_\_

Note: Tick-out, which ever applicable.

**Action to be taken by the importer or his authorized Agent**

The above stated consignment/container shall be deported within \_\_\_\_\_ days from the date of issue of this order for which the importer or his authorised agent shall submit the re-shipping bills for necessary endorsement failing which the same shall be arranged for destruction at his own cost in manner prescribed by plant quarantine authority.

Date: \_\_\_\_\_

Place: \_\_\_\_\_

(PQ authority)  
Name &

Designation

(Seal)

Copy to:

1. Commissioner of \_\_\_\_\_  
(Address of Commisionerate of Customs)
2. Port Trust Authority/Airport Authority of \_\_\_\_\_

**Application for Certificate of approval of post-entry quarantine facility**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| To<br>_____<br>_____<br>_____<br>(Inspection Authority)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <p>I/We hereby make an application, in accordance with provisions of Clause 11(4) of the Plant Quarantine (Regulations of Import into India) Order, 2003, issued under Subsection (1) of Section 3 of the Destructive Insects and Pests Act, 1914 (2 of 1914) for certification of following post-entry quarantine facility established by me for growing imported propagative plant material as described hereunder</p> <p><b>Description of Consignment</b></p>                                                                                                                                                                                                                        |  |
| 1. Name & Address of the Importer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| 2. Location of PEQ facility<br>(i.e. City/Village/Taluka/Distt.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| 3. Type & description of facility<br>(Diagrammatic sketch to be attached)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
| 4. No. of units & size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |
| 5. Total capacity of the PEQ facility<br>(No. of propagating units/potting space)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| 6. Type of imported planting material<br>to be grown                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| 7. Particulars of Registration of nursery<br>with State Deptt. of<br>Horticulture/Agriculture                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| 8. Additional information, if any                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |
| <p><b>Declaration</b></p> <p>(i) I/We hereby declare that the information furnished above is correct to the best of my/our knowledge and belief.</p> <p>(ii) I/we shall abide by the instructions and guidelines issued by the Plant Protection Adviser of any Inspection Authority duly notified for this purpose from time to time.</p> <p>(iii) I/We hereby undertake to provide necessary facilities during inspection of the facility or growing plants under post-entry quarantine to any of the Inspection Authority or any officer duly authorised by Plant Protection Adviser</p> <p>Date: _____<br/>Place: _____</p> <p style="text-align: right;">(Signature of importer)</p> |  |

(Emblem)  
(Name of Organisation)

**Certificate Of Approval Of Post Entry Quarantine Facility.**

No. \_\_\_\_\_

Date of Issue \_\_\_\_\_

Valid up to \_\_\_\_\_

In accordance with the provisions of Clause 11 (4) of the Plant Quarantine (Regulation of import into India) Order, 2003 issued under Sub-section (1) of the Section 3 of the Destructive Insects & Pests Act, 1914, I hereby certify that the following post-entry quarantine facility has been inspected and approved for growing of imported consignment of plants/planting materials as described below, under post-entry quarantine, in accordance with guidelines/standards prescribed in this regard.

|                                                            |                                                           |
|------------------------------------------------------------|-----------------------------------------------------------|
| 1. Name & address of the importer                          |                                                           |
| 2. Location (City/Village/Taluk) of PEQ Facility           |                                                           |
| 3. Type of facility, structure & design                    |                                                           |
| 4. No. of units & size of each Unit                        |                                                           |
| 5. Total capacity (no. of propagating Units/potting space) |                                                           |
| 6. Name of plant species intended to be grown              |                                                           |
| 7. Any other facility available                            |                                                           |
| Date: _____<br><br>Place: _____                            | Name<br><br><br>Signature<br>Seal of Inspecting Authority |

# **Undertaking To Grow Imported Plants In An Approved Post-Entry Quarantine Facility Under The Supervision Of Inspection Authority**

From: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

To: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I/We M/s \_\_\_\_\_

furnish the following undertaking in respect of a consignment of \_\_\_\_\_  
 to be imported vide IP No. \_\_\_\_\_ dt. \_\_\_\_\_ through \_\_\_\_\_ to  
 grow in an approved post-entry quarantine facility under the supervision of inspection  
 authority/officer duly authorised by the Plant Protection Adviser. I/ we also undertake that:

- (1) I/we shall grow the entire consignment of imported plant material (as described above) in an approved post-entry quarantine facility/isolated nursery located at the village \_\_\_\_\_ of taluk \_\_\_\_\_ of Dist. \_\_\_\_\_ of \_\_\_\_\_ State.
- (2) To intimate the inspection authority/officer of plant quarantine about the date of sowing/planting of seeds/propagating plant material, percentage of germination, seedling mortality and plant protection measures if adopted etc., within one month of sowing/planting and thereafter at regular intervals.
- (3) To provide all the facilities to inspection authority/officers of plant quarantine for undertaking post-entry quarantine inspection of seedlings/plants.
- (4) To maintain the nursery records/registers relating to the receipt of seed/plant material, germination/planting records, plant protection measures undertaken, etc. and produce the same before inspecting team for necessary scrutiny.
- (5) To undertake necessary plant protection measures as advised by the inspecting team from time to time.
- (6) Not to give/donate/distribute any part of consignment without the written clearance from the inspection authority/ officer duly authorised by him in this behalf.
- (7) To abide by the decision of inspection authority/officers of plant quarantine to destroy whole or part of consignment or any seedlings/plant material, found infected/infested or contaminated by a quarantine pest/pathogen. In an appropriate manner measures for decontamination of tools and garden equipment, soil, etc., thereof on emergency basis.
- (8) To bear the cost of destruction of affected plant material under the supervision of inspection authority/officers of plant quarantine.
- (9) To maintain basic inspection tools like hand lance field lance or illuminated magnified, surgical spirit, dissection box, absorbent cotton, screw capped glass vials, labels, etc., for the purpose of carrying out inspection.
- (10) To abide the decision of inspection authority/ officer of the PQ about destruction etc.
- (11) Not to lie any liability with inspection authority/officers of plant quarantine towards loss/damage caused to any material/destruction of the same in the event of infection/infestation by a quarantine pest/pathogen.

Date: \_\_\_\_\_

Place: \_\_\_\_\_

Name & Signature of Importer/Agent)

Address:

N.B. The importer/agent is required to submit the above undertaking in duplicate, the duplicate copy which will be forwarded to respective Inspection Authority (IA):

**PHYTOSANITARY CERTIFICATE**

(To be typed or printed in block letters)

No. \_\_\_\_\_

|                                                                                                                                                                                                                                                                                                                                          |                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| From<br>Plant Protection Organisation<br>of _____                                                                                                                                                                                                                                                                                        | To:<br>Plant Protection orrganisation(s)<br>of _____                            |
| <b>Description Of Consignment</b>                                                                                                                                                                                                                                                                                                        |                                                                                 |
| Name and address of exporter                                                                                                                                                                                                                                                                                                             |                                                                                 |
| Declared name and address of consignee                                                                                                                                                                                                                                                                                                   |                                                                                 |
| Number and description of packages                                                                                                                                                                                                                                                                                                       |                                                                                 |
| Distinguishing marks                                                                                                                                                                                                                                                                                                                     |                                                                                 |
| Place of Origin                                                                                                                                                                                                                                                                                                                          |                                                                                 |
| Declared means of conveyance                                                                                                                                                                                                                                                                                                             |                                                                                 |
| Declared point of entry                                                                                                                                                                                                                                                                                                                  |                                                                                 |
| Name of produce and quantity declared                                                                                                                                                                                                                                                                                                    |                                                                                 |
| Botanical name of plants                                                                                                                                                                                                                                                                                                                 |                                                                                 |
| This is to certify that the plants or plant products described above have been inspected according to appropriate procedures and are considered to be free from quarantine pests and practically free from the injurious pests and that they are considered to conform to the current phytosanitary regulations at the importing country |                                                                                 |
| <b><u>Desinfestation and/ or Disinfection Treatment</u></b>                                                                                                                                                                                                                                                                              |                                                                                 |
| Date _____<br>Duration: _____<br>Treatment _____<br>Additional<br>information: _____                                                                                                                                                                                                                                                     | Temperature: _____<br>Chemical (active ingredient) _____<br>Concentration _____ |
| <b>Additional declarations:</b>                                                                                                                                                                                                                                                                                                          |                                                                                 |
| Place of issue:                                                                                                                                                                                                                                                                                                                          | Stamp of<br>Organization                                                        |
| Date of issue                                                                                                                                                                                                                                                                                                                            | Name &<br>Signature of authorized officer                                       |

No financial liability with respect to this certificate shall attach to..... (Name of Plant Protection Organisation) ..... or to any of its officers or representatives\*. \*Optional clause

## MODEL PHYTOSANITARY CERTIFICATE FOR RE-EXPORT

No. \_\_\_\_\_

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Plant Protection Organisation<br>of _____<br>(Country of import)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | To: Plant Protection Organisation(s)<br>of _____<br>(Country(ies) of re-export)       |
| <b>Description of Consignment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                       |
| Name and address of exporter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       |
| Declared name and address of consignee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                       |
| Number and description of packages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                       |
| Distinguishing marks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                       |
| Place of Origin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |
| Declared means of conveyance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                       |
| Declared point of entry                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                       |
| Name of produce and quantity declared                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |
| Botanical name of plants                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                       |
| <p>This is to certify that the plants or plant products described above were imported into.....(country of re-export)..... from (country of origin)...covered by Phytosanitary Certificate no _____</p> <p>*Original <input type="checkbox"/> certified true copy <input type="checkbox"/> of which is attached to this Certificate. That they are* packed { } repacked <input type="checkbox"/> in original <input type="checkbox"/> new <input type="checkbox"/> container, that based on the original Phytosanitary Certificate <input type="checkbox"/> and additional ;inspection <input type="checkbox"/>, they are considered to conform with the current phytosanitary regulations of the importing country, and that during storage in.....(country of re-export).....the consignment has not been subjected to the risk of infestation or infection.</p> <p>*Insert tick in appropriate boxes</p> |                                                                                       |
| <b>Desinfestation and/or Disinfection Treatment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                       |
| Date _____<br>Treatment _____<br>Chemical active ingredients _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Duration and temperature _____<br>Concentration _____<br>Additional information _____ |
| Additional declarations:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                       |
| Place of issue _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (Stamp of Organisation)<br><br>Name & Signature of authorized officer                 |
| Date of issue _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                       |

No financial liability with respect to this certificate shall attach to..... (Name of Plant Protection Organisation) ..... Or to any of its officers or representatives\*.

\* Optional clause



## Application for Pest Risk Analysis for Import of agricultural commodities into India

### 1. Details of Applicant

1.1 Name/ Organisation.....  
 1.2 Address..... Postcode.....  
 1.3 Phone .....Fax ..... E-mail .....

### 2. PRA General Parameters

2.1 Scientific& Common name of the product.....  
 2.2 Country/ countries of origin.....  
 2.3 Quantity/ Volume .....

### 3. Product Type (circle one or more)

|                              |                                                    |
|------------------------------|----------------------------------------------------|
| 3.1 Processed/ Non-processed | 3.2 Living/ non- living                            |
| 3.3 Plant/ Animal            | 3.4 Genetically modified/ non-genetically modified |
| 3.5 Seed/ plant/ soil        | 3.6 Culture / non-culture                          |
| 3.7 Other.....               |                                                    |

### 4 Product Processing (if applicable)

|                                    |                                       |
|------------------------------------|---------------------------------------|
| 4.1 If seed:                       | ground/ kibbled/ whole/ preserved     |
| 4.2 If plant:                      | fresh/ dried/ freeze dried/ preserved |
| 4.3 Processing refinement:         | cooked/ frozen/ pulped/ steamed       |
| 4.4Specify treatment details ..... |                                       |

### 5 Product Origins (please state if question not relevant)

5.1 Source location (by country, origin & locality) .....  
 5.2 Production method, Certification scheme and / or accreditation type? .....  
 .....

### 6 End Use (circle one or more)

6.1 Human consumption / Processing/ Stock feed/ Pet food/ Fish food/ Seeds for sowing/  
 Nursery stock/ Multiplication/ Post-entry Quarantine/ Therapeutic/ Fertilisers/ *In-vivo* / *Invitro*  
 6.2 Other .....

### 7 End Destination (circle &/or specify)

|                                                                  |                                |
|------------------------------------------------------------------|--------------------------------|
| 7.1Rural/ urban                                                  | 7.2 Multiple locations/ single |
| 7.3Specify Country, State & / or region (PRA defined area) ..... |                                |

### 8 Entry (circle one or more)

Ship/ Air/ Ground transport/ Rail/Other.....

### 9 General Comments (any further general comment or notes that need to be made, please make here).....

#### PRA request form may be submitted to:

Plant Protection Adviser, DPPQS, Faridabad-121001(Haryana) or  
 Joint Secretary (PP), DAC, Krishi Bhavan, New Delhi -110001

**Technical Information Requirement for Pest Risk Analysis (PRA)**

**1. Plant and Plant Product**

- 1.1 Common name;
- 1.2 Scientific (genus & species/strain/variety/cultivar) name;
- 1.3 Resistant or non-resistant varieties;
- 1.4 Countries that have already imported;
- 1.5 Plant part to be imported (whole plant/seed/cutting/sapling/ budwood/bulb/fruit etc.);

**2. Production Area**

- 2.1 Place of production on map (country and province);
- 2.2 Production and Export (tons/year);

**3. Cultivation practices**

- 3.1 Harvest method and time;
- 3.2 Plant protection measures (to control and eradicate the pests);

**4. Pest List (separately for all the pests)**

- 4.1 Scientific & Common name;
- 4.2 Pest biology;
- 4.3 Plant parts affected;
- 4.4 Symptoms;
- 4.5 Distribution and pest free areas;
- 4.6 Pest status (prevalence);
- 4.7 Management practices;
  - 4.7.1 Cultural practices;
  - 4.7.2 Biological (use of biological control agents, resistant varieties, crop skipping...);
  - 4.7.3 Chemical (type, method, time and number of pesticide use...)
- 4.8 Database and reference

**5. Packaging**

- 5.1 Method of packaging;
- 5.2 Inspection procedure;
- 5.3 Post harvest treatment;
- 5.4 Conditions and security of storage place.

**6. Export program (policy/activity)**

- 6.1 Trading partners;
- 6.2 Existing procedure for issuing phytosanitary certificates (including additional declaration).

**7. Copies of relevant supporting documents.**

**Schedule-I**  
**[See clauses 2 (xxi), 3 (13) and 3 (14)]**  
**Points of Entry for Import of plants/plant materials and other Articles**

| <b>Seaports</b> |                                | <b>Airports</b> |                             | <b>Land Frontier Stations</b> |                                            |
|-----------------|--------------------------------|-----------------|-----------------------------|-------------------------------|--------------------------------------------|
| 1.              | Alleppey (Kerala)              | 1.              | Amritsar (Punjab)           | 1.                            | Agartala (Tripura)                         |
| 2.              | Bhavnagar (Gujarat)            | 2.              | Bangalore (Karnataka)       | 2.                            | Amritsar Rly. Stn. (Punjab)                |
| 3.              | Kolkata (West Bengal)          | 3.              | Kolkata (West Bengal)       | 3.                            | Attari Rly. Stn.(Punjab)                   |
| 4.              | Calicut (Kerala)               | 4.              | Chennai (Tamil Nadu)        | 4.                            | Attari Wagha Border<br>Check post (Punjab) |
| 5.              | Chennai (Tamil Nadu)           | 5.              | Hyderabad (Andhra Pradesh)  | 5.                            | Bongaon (West Bengal)                      |
| 6.              | Cochin (Kerala)                | 6.              | Mumbai (Maharashtra)        | 6.                            | Gede Road Rly. Stn. (West Bengal)          |
| 7.              | Cuddalore (Tamil Nadu)         | 7.              | New Delhi (Delhi)           | 7.                            | Jogbani (Bihar)                            |
| 8.              | Goa (Goa)                      | 8.              | Patna (Bihar)               | 8.                            | Moresb (Manipur)                           |
| 9.              | Gopalpur (Orissa)              | 9.              | Tiruchirapalli (Tamil Nadu) | 9.                            | Panitanki (West Bengal)                    |
| 10.             | Haldia (West Bengal)*          | 10.             | Trivandrum (Kerala)         | 10.                           | Raxual (Bihar)                             |
| 11.             | Jamnagar (Gujarat)             | 11.             | Varanasi (Uttar Pradesh)    | 11.                           | Rupadiha (Uttar Pradesh)                   |
| 12.             | Beypore (Kerala)               | 12.             | Guwahati (Assam)            | 12.                           | Sonauli (Uttar Pradesh)                    |
| 13.             | Kakinada (Andhra Pradesh)      | 13.             | Calicut (Kerala)            | 13.                           | Banbasa (Uttaranchal)                      |
| 14.             | Kandla (Gujarat)               | 14.             | Coimbatore (Tamil Nadu)     | 14.                           | Zokhwathar (Mizoram)                       |
| 15.             | Karwar (Karnataka)             | 15.             | Bagdogra (West Bangal)      |                               |                                            |
| 16.             | Krishnapatnam (Andhra Pradesh) | 16.             | Cochin(Kerala)              |                               |                                            |
| 17.             | Machlipatnam (Andhra Pradesh)  | 17.             | Indore (Madhya Pradesh)     |                               |                                            |
| 18.             | Mandvi (Gujarat)               | 18.             | Goa (Goa)                   |                               |                                            |
| 19.             | Mangalore (Karnataka)          | 19.             | Tirupati (Andhra Pradesh)   |                               |                                            |
| 20.             | Mumbai (Maharashtra)           |                 |                             |                               |                                            |
| 21.             | Mundra (Gujarat)               |                 |                             |                               |                                            |
| 22.             | Nagapatnam (Tamil Nadu)        |                 |                             |                               |                                            |
| 23.             | Nova Shiva (Maharashtra)       |                 |                             |                               |                                            |
| 24.             | Navlakhi (Gujarat)             |                 |                             |                               |                                            |
| 25.             | Okha (Gujarat)                 |                 |                             |                               |                                            |
| 26.             | Paradeep (Orissa)*             |                 |                             |                               |                                            |
| 27.             | Pondicherry                    |                 |                             |                               |                                            |
| 28.             | Porbander (Gujarat)            |                 |                             |                               |                                            |
| 29.             | Rameshwaram ((Tamil Nadu)      |                 |                             |                               |                                            |
| 30.             | Tiruvananthapuram (Kerala)     |                 |                             |                               |                                            |
| 31.             | Tuticorin (Tamil Nadu)         |                 |                             |                               |                                            |
| 32.             | Veraval (Gujarat)              |                 |                             |                               |                                            |
| 33.             | Visakhapatnam (Andhra Pradesh) |                 |                             |                               |                                            |
| 34.             | Vizhinjam (Kerala)             |                 |                             |                               |                                            |
| 35.             | Kollam (Quilon) (Kerala)       |                 |                             |                               |                                            |
| 36.             | Karaikal (Puducherry)          |                 |                             |                               |                                            |
| 37.             | Pipavav (Gujarat)              |                 |                             |                               |                                            |
| 38.             | Hazira (Gujarat)               |                 |                             |                               |                                            |
| 39.             | Jaigarh (Maharashtra)          |                 |                             |                               |                                            |
| 40.             | Kattupalli (Tamil Nadu)        |                 |                             |                               |                                            |

• For import of food grains by Food Corporation of India only

**SCHEDULE-II****[See clause 2 (xxi)]****List of Inland Container Depots and Container Freight Stations for Import of Plants and Plant Products**

| <b>Place</b>                  | <b>State</b>  | <b>Status</b>             | <b>Jurisdiction of PQ Station</b>                                           |
|-------------------------------|---------------|---------------------------|-----------------------------------------------------------------------------|
| 1. Tughlakabad                | Delhi         | Inland Container Depot    | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 2. Patparganj                 | Delhi         | Container Freight Station | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 3. Ballabhgarh                | Haryana       | Container Freight Station | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 4. Gurgaon                    | Haryana       | Container Freight Station | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 5. Rewari                     | Haryana       | Container Freight Station | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 6. Panipat                    | Haryana       | Inland Container Depot    | Regional Plant Quarantine Station, Amritsar                                 |
| 7. Jalandhar                  | Punjab        | Container Freight Station | Regional Plant Quarantine Station, Amritsar                                 |
| 8. Amritsar                   | Punjab        | Container Freight Station | Regional Plant Quarantine Station, Amritsar                                 |
| 9. Bhatinda                   | Punjab        | Container Freight Station | Regional Plant Quarantine Station, Amritsar                                 |
| 10. Ludhiana (Dhandari Kalan) | Punjab        | Inland Container Depot    | Regional Plant Quarantine Station, Amritsar                                 |
| 11. Moradabad                 | Uttar Pradesh | Inland Container Depot    | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 12. Kanpur                    | Uttar Pradesh | Inland Container Depot    | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 13. Rudarpur                  | Uttar Pradesh | Container Freight Station | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 14. Agra                      | Uttar Pradesh | Inland Container Depot    | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 15. Dadri (G.Noida)           | Uttar Pradesh | Inland Container Depot    | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 16. Sharanpur                 | Uttar Pradesh | Container Freight Station | National Plant Quarantine Station, Rangpuri (Delhi)                         |
| 17. Varanasi                  | Uttar Pradesh | Container Freight Station | Plant Quarantine Cell, Central Integrated Pest Management Centre, Gorakhpur |

|                            |                |                           |                                                        |
|----------------------------|----------------|---------------------------|--------------------------------------------------------|
| 18. Meerut                 | Uttar Pradesh  | Container Freight Station | National Plant Quarantine Station, Rangpuri (Delhi)    |
| 19. Sabarmati Ahmedabad    | Gujarat        | Inland Container Depot    | Plant Quarantine Station, Kandla                       |
| 20. Ahmedabad              | Gujarat        | Container Freight Station | Plant Quarantine Station, Kandla                       |
| 21. Surat                  | Gujarat        | Inland Container Depot    | RPQS, Mumbai                                           |
| 22. Kandla                 | Gujarat        | Inland Container Depot    | Plant Quarantine Station, Kandla                       |
| 23. Jodhpur                | Rajasthan      | Container Freight Station | National Plant Quarantine Station, Rangpuri, New Delhi |
| 24. Jaipur                 | Rajasthan      | Container Freight Station | National Plant Quarantine Station, Rangpuri, New Delhi |
| 25. Bhiwadi                | Rajasthan      | Container Freight Station | National Plant Quarantine Station, Rangpuri, New Delhi |
| 26. Kota                   | Rajasthan      | Container Freight Station | National Plant Quarantine Station, Rangpuri, New Delhi |
| 27. Sanatnagar (Hyderabad) | Andhra Pradesh | Inland Container Depot    | Plant Quarantine Station, Hyderabad                    |
| 28. Guntur                 | Andhra Pradesh | Inland Container Depot    | Plant Quarantine Station, Visakhapatnam                |
| 29. Chirala                | Andhra Pradesh | Inland Container Depot    | Plant Quarantine Station, Visakhapatnam                |
| 30. Anaparti               | Andhra Pradesh | Inland Container Depot    | Plant Quarantine Station, Visakhapatnam                |
| 31. Kakinada               | Andhra Pradesh | Inland Container Depot    | Plant Quarantine Station, Visakhapatnam                |
| 32. Vishakhapatnam         | Andhra Pradesh | Inland Container Depot    | Plant Quarantine Station, Visakhapatnam                |
| 33. Wadibunder (Mumbai)    | Maharashtra    | Inland Container Depot    | Regional Plant Quarantine Station, Mumbai              |
| 34. Chinchwad (Pune)       | Maharashtra    | Inland Container Depot    | Regional Plant Quarantine Station, Mumbai              |
| 35. Bhandup (Mumbai)       | Maharashtra    | Container Freight Station | Regional Plant Quarantine Station, Mumbai              |
| 36. J.N.Port               | Maharashtra    | Container                 | Regional Plant Quarantine                              |

|                               |             |                           |                                            |
|-------------------------------|-------------|---------------------------|--------------------------------------------|
| (Mumbai)                      |             | Freight Station           | Station, Mumbai                            |
| 37. Mulamd (Mumbai)           | Maharashtra | Inland Container Depot    | Regional Plant Quarantine Station, Mumbai  |
| 38. Nava Seva (Mumbai)        | Maharashtra | Container Freight Station | Regional Plant Quarantine Station, Mumbai  |
| 39. Jalgaon                   | Maharashtra | Container Freight Station | Regional Plant Quarantine Station, Mumbai  |
| 40. Aurangabad                | Maharashtra | Container Freight Station | Regional Plant Quarantine Station, Mumbai  |
| 41. Nagpur                    | Maharashtra | Inland Container Depot    | Regional Plant Quarantine Station, Mumbai  |
| 42. Dronagiri                 | Maharashtra | Container Freight Station | Regional Plant Quarantine Station, Mumbai  |
| 43. Miraj                     | Maharashtra | Inland Container Depot    | Regional Plant Quarantine Station, Mumbai  |
| 44. Whitefield (Bangalore)    | Karnatka    | Inland Container Depot    | Plant Quarantine Station, Bengaluru        |
| 45. Coimbatore                | Tamilnadu   | Inland Container Depot    | Plant Quarantine Station, Tiruchi          |
| 46. Minjur (Chennai)          | Tamilnadu   | Container Freight Station | Regional Plant Quarantine Station, Chennai |
| 47. Virugambakka m (Chennnai) | Tamilnadu   | Container Freight Station | Regional Plant Quarantine Station, Chennai |
| 48. Numbal (Chennai)          | Tamilnadu   | Container Freight Station | Regional Plant Quarantine Station, Chennai |
| 49. Tiruvottiyur (Chennai)    | Tamilnadu   | Container Freight Station | Regional Plant Quarantine Station, Chennai |
| 50. Manali (Chennai)          | Tamilnadu   | Container Freight Station | Regional Plant Quarantine Station, Chennai |
| 51. Tirupur                   | Tamilnadu   | Container Freight Station | Plant Quarantine Station, Tiruchi          |
| 52. Tuticorin                 | Tamilnadu   | Inland Container Depot    | Plant Quarantine Station, Tuticorin        |
| 53. Salem                     | Tamilnadu   | Container Freight Station | Plant Quarantine Station, Tiruchi          |
| 54. Singanallur               | Tamilnadu   | Container Freight Station | Plant Quarantine Station, Tiruchi          |
| 55. Kolkata                   | West Bengal | Inland Container Depot    | Regional Plant Quarantine Station, Kolkata |
| 56. Siliguri                  | West Bengal | Container Freight Station | Regional Plant Quarantine Station, Kolkata |

|                                              |                |                           |                                                                          |
|----------------------------------------------|----------------|---------------------------|--------------------------------------------------------------------------|
| 57. Malanpur (Gwalior)                       | Madhya Pradesh | Container Freight Station | National Plant Quarantine station, Rangapuri (Delhi)                     |
| 58. Indore                                   | Madhya Pradesh | Container Freight Station | Plant Quarantine Cell, Central Integrated Pest Management Centre, Indore |
| 59. Cochin                                   | Kerala         | Container Freight Station | Plant Quarantine Station, Cochin                                         |
| 60. Raxaul                                   | Bihar          | Container Freight Station | Plant Quarantine Cell, Central Integrated Pest Management Centre, Patna  |
| 61. Surajpur                                 | Uttar Pradesh  | Inland Container Depot    | National Plant Quarantine Station, Rangpuri, New Delhi                   |
| 62. The Thar Dry Port, ICD Sanand, Ahmedabad | Gujarat        | Inland Container Depot    | Plant Quarantine Station, Kandla.                                        |
| 63. ICD, Loni                                | New Delhi      | Inland container Depot    | National Plant Quarantine Station, Rangpuri, New Delhi                   |
| 64. Kattupalli                               | Tamil Nadu     | Container Freight Station | Regional Plant Quarantine Station, Chennai.                              |
| 65. Panchi Gujaran, Sonapat                  | Haryana        | Inland Container Depot    | National Plant Quarantine Station, Rangpuri, New Delhi                   |
| 66. Dhannad, Indore                          | Madhya Pradesh | Inland Container Depot    | Plant Quarantine Cell, Central Integrated Pest Management Centre, Indore |
| 67. Kheda, Dhar                              | Madhya Pradesh | Inland Container Depot    | Plant Quarantine Cell, Central Integrated Pest Management Centre, Indore |
| 68. Pitampur, Dhar                           | Madhya Pradesh | Inland Container Depot    | Plant Quarantine Cell, Central Integrated Pest Management Centre, Indore |
| 69. Ratlam                                   | Madhya Pradesh | Inland Container Depot    | Plant Quarantine Cell, Central Integrated Pest Management Centre, Indore |
| 70. Mandideep, Raisen                        | Madhya Pradesh | Inland Container Depot    | Plant Quarantine Cell, Central Integrated Pest Management Centre, Indore |

**SCHEDULE-III****[See clause 2(xxi)]****List of Foreign Post Offices for Import of Plants and Plant Products.**

| <b>S.No.</b> | <b>Place</b>             | <b>Status</b>              | <b>Jurisdiction PQ Station</b>                         |
|--------------|--------------------------|----------------------------|--------------------------------------------------------|
| 1            | New Delhi<br>(Delhi)     | Foreign Post Office        | National Plant Quarantine<br>Station, Rangpuri (Delhi) |
| 2            | Mumbai<br>(Maharashtra)  | Foreign Post Office        | Regional Plant Quarantine<br>Station, Mumbai           |
| 3            | Chennai<br>(Tamil Nadu)  | Foreign Post Office        | Regional Plant Quarantine<br>Station, Chennai          |
| 4            | Kolkata<br>(West Bengal) | Foreign Post Office        | Regional Plant Quarantine<br>Station, Kolkata          |
| 5            | Cochin<br>(Kerala)       | Foreign Post Office        | Plant Quarantine Station<br>Cochin                     |
| 6            | Ahmedabad<br>(Gujarat)   | Sub Foreign Post<br>Office | Plant Quarantine Station,<br>Kandla                    |
| 7            | Bangalore<br>(Karnataka) | Sub Foreign Post<br>Office | Regional Plant Quarantine<br>Station, Chennai          |
| 8            | Jaipur<br>(Rajasthan)    | Sub Foreign Post<br>Office | National Plant Quarantine<br>Station, Rangpuri (Delhi) |
| 9            | Ludhiana<br>(Punjab)     | Sub Foreign Post<br>Office | Regional Plant Quarantine<br>Station, Amritsar         |
| 10           | Agra (U.P)               | Sub Foreign Post<br>Office | National Plant Quarantine<br>Station, Rangpuri (Delhi) |
| 11           | Guwahati<br>(Assam)      | Sub Foreign Post<br>Office | Regional Plant Quarantine<br>Station, Kolkata          |



#### SCHEDULE-IV

[See clause 3 (2), 10(2) and 11(1)]

**List of plants/planting materials and countries from where import is prohibited along with justifications**

| S. No. | Plant species/variety                                                                                   | Categories of plant material                                     | Prohibited from the countries                                               | Justification for Prohibition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | Banana, Plantain and Abaca ( <i>Musa spp.</i> )                                                         | Rhizomes/<br>Suckers                                             | Central & South America, Hawaii, Philippines and Cameroon                   | Due to incidence of destructive pests such as Moko wilt ( <i>Burkholderia solanacearum</i> ) race 2 and Cameroon marbling (phytoplasmas)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 2.     | Cassava or tapioca ( <i>Manihot esculenta</i> )                                                         | Seed/Stem cuttings                                               | Africa & South America                                                      | Due to incidence of destructive pests such as: Super elongation ( <i>Sphaceloma manihoticola</i> ), Cassava bacterial blight ( <i>Xanthomonas campestris</i> pv. <i>manihotis</i> ) - American strains, Cassava witches' broom (phytoplasma) and several cassava viruses.                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 3.     | Cocoa ( <i>Theobroma cacao</i> ) and plants species belong to Sterculiaceae, Bombacaceae and Tiliaceae. | Fresh beans)/Pods/<br>Bud wood/<br>Grafts<br>Root stock/Saplings | West Africa, Tropical America and Sri Lanka.                                | Due to incidence of destructive pests such as: Swollen shoot virus and related virus strains of cocoa, Witches' broom ( <i>Crinipellis</i> ( <i>Marasmius</i> ) <i>perniciosa</i> Watery pod rot ( <i>Monilia</i> ( <i>Moniliophthora</i> ) <i>roreri</i> ), Mealy pod ( <i>Trachysphaera fructigena</i> ), Mirids ( <i>Sahlbergia singularis</i> & <i>Distantiella theobroma</i> ), Cocoa moth ( <i>Acorocercops cramerella</i> ), Cocoa capsid ( <i>Sahlbergiella theobroma</i> ), Cocoa beetle ( <i>Steirastoma brevis</i> ), Seedling damping-off ( <i>Phytophthora cactorum</i> ), Chestnut downy mildew ( <i>Phytophthora katsurae</i> ) and Black pod of cocoa ( <i>Phytophthora megakarya</i> ). |
| 4.     | Cocoyam or Dasheen or Taro (Arvi) ( <i>Colocasia esculenta</i> ) and other edible aeroids               | Plants/<br>Corms/Cormlets/<br>Suckers                            | Cook Islands, Papua New Guinea, Solomon Islands and South Pacific countries | Due to incidence of destructive pests such as Alomae land Bobone (Rhabdo viruses), Dasheen mosaic virus (South Pacific strains) and Bacterial blight ( <i>Xanthomonas campestris</i> pv. <i>dieffenbachiae</i> ).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|    |                                                                    |                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5. | Coconut ( <i>Cocos nucifera</i> ) and related species of Cocoideae | Seed nuts/<br>Seedlings/<br>Pollen/Tissue<br>cultures etc.                                     | Africa (Cameroon, Ghana, Nigeria, Togo and Tanzania), North America (Florida in USA, Mexico); Central America and Caribbean (Cayman Islands, Bahamas, Cuba, Dominican Republic, Haiti, Jamaica) Philippines and Guam Brazil (Atlantic Coast), Trinidad, Tobago, Grenada, St. Vincent, Barbados, Belize, Honduras, Costa Rica, El Salvador, Panama, Columbia, Venezuela and Ecuador, Surinam (Dutch Guyana), Sri Lanka. | Due to incidence of destructive pests such as: Palm lethal yellowing (phytoplasma) and related strains, Cadang cadang & Tinangaja (viroid), Lethal boll rot ( <i>Marasmiellus cocophilus</i> ), Red ring ( <i>Rhadinaphelenchus cocophilus</i> ( <i>palmarum</i> ), South American Palm weevil ( <i>Rhyncophorus palmarum</i> ), Leaf minor ( <i>Promecotheca cumingi</i> ) and Palm kernel borer ( <i>Pachymerus spp.</i> ).                                                                                                                                                                                                          |
| 6. | Coffee ( <i>Coffea spp.</i> ) and related species of Rubiaceae     | Beans (seeds) / Berries (freshly harvested)/ Grafts/ Bud wood/ Seedlings/ Rooted cuttings etc. | Africa and South America                                                                                                                                                                                                                                                                                                                                                                                               | Due to incidence of destructive pests such as American leaf spot ( <i>Mycena citricolor</i> , syn. <i>Omphalia flavida</i> ), Coffee berry disease ( <i>Colletotrichum coffeanum</i> var. <i>virulens</i> ), Tracheomycosis ( <i>Gibberella xylariodes</i> , syn <i>Fusarium xylarioids</i> ), Powdery rust ( <i>Hemeleia coffeicola</i> ), Phloem necrosis ( <i>Phytoplasma leptovasorum</i> ) and Coffee viruses (coffee ring spot, leaf rugosity, leaf curl, leaf crinkle and mosaic viruses), Coffee berry borer ( <i>Hypothenemus hampei</i> , <i>Sophronica ventralis</i> ) and Coffee thrips ( <i>Diarthrothrips coffeae</i> ). |
| 7. | Date palm ( <i>Phoenix dactylifera</i> )                           | Seeds/<br>Off-shoots<br>(suckers)                                                              | Algeria and Morocco<br>USA (Florida)                                                                                                                                                                                                                                                                                                                                                                                   | Due to incidence of destructive pests such as: Bayood ( <i>Fusarium oysporum f.sp. albedinis</i> ) and Palm lethal yellowing ( <i>Phytoplasmas</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

|    |                                                               |                                                       |                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----|---------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8. | Forest plant species:<br>(i) Chestnut ( <i>Castanea</i> spp.) | (i) Seeds/ Fruits/ Grafts and other planting material | North America (USA and Canada)                                                          | Due to incidence of destructive pests such as: Chestnut blight or canker ( <i>Cryphonectria</i> ( <i>Endothia</i> ) <i>parasitica</i> )-American strain.<br>Due to incidence of destructive pests such as: Dutch elm disease ( <i>Ceratocystis ulmi</i> ) - American and European strains, Elm mottle virus, Elm bark beetles (Scolytidae), Elm phloem necrosis (Phytoplasmas) and White - banded elm leaf hopper ( <i>Scaphoidous luteolus</i> ) -vector of Elm phloem necrosis.<br><br>Due to incidence of destructive Oak wilt ( <i>Ceratocystis fagacearum</i> ) and Oak bark beetles ( <i>Pseudopityophthorus</i> spp.)<br><br>Due to incidence of destructive pests such as Pine rusts [Stalactiform blister rust ( <i>Cronartium coleosporioides</i> ), Comandra blister rust ( <i>C. comandrae</i> ), sweet fern blister rust ( <i>C. comptoniae</i> ), Southern fusiform rust ( <i>C. fusiforme</i> ), Western gall rust ( <i>Endocronartium harknessii</i> ), Brown spot needle blight ( <i>Mycosphaerella dearnesii</i> , syn. <i>Scirrhia acicola</i> ), Seedling die-back and pitch canker ( <i>Fusarium moniliforme</i> f.sp. <i>subglutinans</i> ) and Needle cast ( <i>Lophodermium</i> spp.)<br>Due to destructive Pine wood nematode ( <i>Bursaphelenchus xylophilus</i> ) |
|    | (ii) Elm ( <i>Ulmus</i> spp.)                                 | (ii) Plants/ planting material                        | North America (USA and Canada) and Europe and Russia                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|    | (iii) Oak ( <i>Quercus</i> spp.)                              | (iii) Seeds/ Root grafts                              | United States of America                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|    | (iv) Pine ( <i>Pinus</i> spp.) and other coniferous species   | (iv) (a) Seeds/ Saplings                              | North America (Canada, USA and Mexico).                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|    |                                                               | (iv) (b) Wood with bark                               | North America (Canada & USA), Asia (China, Hong Kong, Japan, Korea, Republic of Taiwan) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 9. | Oil palm ( <i>Elaeis guineensis</i> ) and related species     | Seeds/Pollen/ seed sprouts                            | Philippines and Guam                                                                    | Due to incidence of Cadang cadang & Tinangaja (viroid)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

|     |                                                                                   |                                                    |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----|-----------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10. | Potato ( <i>Solanum tuberosum</i> ) and other tuber bearing species of Solanaceae | Tubers and other planting material                 | South America                                                                                                                                                                                                                                                              | Due to incidence of destructive pests such as Potato smut [ <i>Thecaphora (Angiosorus) solani</i> ], Potato viruses viz. Andean potato latent, Andean potato mottle, Arracacha B virus, Potato deforming mosaic, Potato T (capillo virus), Potato yellow dwarf, Potato yellow vein, Potato calico strain of Tobacco ring spot virus and Andean potato weevil ( <i>Premnotrypes</i> spp.)                                                                                                                                                                                 |
| 11. | Rubber ( <i>Hevea spp.</i> )                                                      | seeds/plants/ budwood and any other plant material | Tropical America (Area extending 23 1/2 degrees North land 23 1/2 degrees South of the equator (Tropics of Capricorn and Cancer) and includes adjacent islands and longitude 30 degree West land 120 degrees East including part of Mexico, North of the Tropic of Cancer) | Due to incidence of destructive South American Leaf Blight of Rubber ( <i>Microcyclus ulei</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 12. | Sugarcane ( <i>Saccharum spp.</i> )                                               | Cuttings or setts of planting                      | Fiji, Papua New Guinea, Australia, Philippines and Indonesia                                                                                                                                                                                                               | Due to incidence of destructive Fiji virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 13. | Sweet potato ( <i>Ipomoea spp.</i> )                                              | Stem (Vine) cuttings rooted or un-rooted/tubers    | South Africa, East Africa, New Zealand, Nigeria, USA, Argentina and Israel.                                                                                                                                                                                                | Due to incidence of destructive pests such as: Scab ( <i>Elsinoe batatas</i> ), Scurf ( <i>Moniliochaetes infuscans</i> ), Foot rot ( <i>Plenodomus destruens</i> ), Soil rot ( <i>Streptomyces ipomoeae</i> ), Bacteria wilt ( <i>Pseudomonas batatae</i> ), Sweet potato viruses viz. Russet crack; feathery mottle; internal cork; chlorotic leaf spot; vein mosaic; mild mottle and yellow dwarf, vein clearing; chlorotic stunt; Sheffield's virus A and B etc., Sweet potato witches' broom ( <i>phytoplasmas</i> ) and seed bruchid ( <i>Mimosestes mimosae</i> ) |
| 14  | Yam ( <i>Dioscorea spp.</i> )                                                     | Tubers for planting or propagation                 | West Africa and Caribbean region                                                                                                                                                                                                                                           | Due to incidence of destructive Yam mosaic virus/ green banding virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**[See clause 3 (3)(6)(7) and 10 and 11 (3)]**

**List of plants and plant materials restricted import permissible only with the recommendation of authorized institutions with additional declarations and special conditions**

| S. No. | Plant species/ variety                          | Category of plants & plant material | Additional declarations required to be incorporated into PSC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Special conditions of import                                                                                                                                                                                      | Responsibility of authorized Institutions                                                                                                    |
|--------|-------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | Banana, Plantain and Abaca ( <i>Musa</i> pp.).  | (i) Rhizomes/ Suckers               | Freedom from:<br>(a) Moko wilt ( <i>Burkholderia solanacearum</i> Race-2)<br>(b) Black leaf streak ( <i>Mycosphaerella fijiensis</i> var. <i>difformis</i> )<br>(c) Cameroon marbling ( <i>Phytoplasmas</i> )<br>(d) Rhizome rot ( <i>Erwinia chrysanthemi</i> pv. <i>paradisiaca</i> )<br>(e) Banana weevil (Hawaii) ( <i>Cosmopolites pruinus</i> ),<br>(f) Cane weevil (West Indies) ( <i>Metamasius hemipterus</i> ),<br>(g) Banana weevil (East African), ( <i>Temnoschoita nigroplagiata</i> ).                                                                                 | (i) Growing of imported consignment under post-entry quarantine for a period of 9-12 months.<br>(ii) Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture | Subject to the recommendation, supervision, monitoring and testing by Director, National Research Center on Banana, Tiruchi (Tamil Nadu).    |
| 2.     | Cassava or tapioca ( <i>Manihot esculenta</i> ) | (i) Stem Cuttings                   | Freedom from:<br>(a) Super elongation ( <i>Sphaceloma manihoticola</i> )<br>(b) Bacterial leaf spot ( <i>Xanthomonas campestris</i> .pv. <i>cassavae</i> )<br>(c) Cassava bacterial blight ( <i>Xanthomonas campestris</i> pv. <i>manihotis</i> ) - American strains.<br>(d) Cassava viruses (viz. common mosaic, brown streak, leaf vein mosaic, red mottle and yellow vein banding)<br>(e) Cassava witches' broom ( <i>phytoplasma</i> )<br>(f) Shoot fly ( <i>Carpolonchaea chalybea</i> )<br>(g) Mite ( <i>Mononychellus</i> spp.)<br>(h) Thrip ( <i>Frankliniella willamsi</i> ) | (i) Post-entry quarantine for a period of one year.<br>(ii) Hot water dipping of cuttings at 50 °C for 30 min. before planting.                                                                                   | Subject to the recommendation, supervision, monitoring and testing by Director, Central Tuber Crops Research Institute, Sreekaryam (Kerala). |
|        |                                                 | (ii) Seeds                          | As stated above at (b) and (c)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | The above conditions shall not apply.                                                                                                                                                                             | Same as above.                                                                                                                               |

|    |                                                                                                 |                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                          |                                                                                                                                                                                                                                                                                             |
|----|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                                                                                 | (iii) Tissue cultured plants                                                                              | Certified that the tissue cultured plants tested and found virus-free.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Same as above.                                                                                                           | Same as above.                                                                                                                                                                                                                                                                              |
| 3. | <i>Citrus</i> spp. (lemon, lime, orange, grape fruit, mandarins etc.) and other Rutaceous hosts | <p>(i) Grafts/ Bud wood/ Plants</p> <p>(ii) Seeds for propagation</p> <p>(iii) Tissue cultured plants</p> | <p>Freedom from:</p> <p>(a) Mal secco (<i>Deuterophoma tracheiphila</i>)</p> <p>(b) Stubborn or little leaf (<i>Spiroplasma citri</i>)</p> <p>(c) Cancrosis B (<i>Xanthomonas campestris</i> pv. <i>aurantifolii</i>)</p> <p>(d) Citrus tatter leaf (Capillo virus)</p> <p>(e) Satsuma dwarf virus</p> <p>(f) Sweet orange scab (<i>Elsinoe australis</i>) and Tryon's scab (<i>Sphaceloma fawcettii</i> var. <i>scabiosa</i>)</p> <p>(g) Citrus burrowing nematode (<i>Radopholus citr</i> Plant Quarantine Station, Tiruchi <i>ophilus</i>)</p> <p>(h) Florida red scale (<i>Chrysomphalus aonidium</i>)</p> <p>(i) Citrus bud mite (<i>Eriophyes sheldoni</i>)</p> <p>(j) Citrus rust mite (<i>Phyllocoptruta oleivora</i>)</p> <p>As stated above at (c)</p> <p>Certified that the tissue-cultured plants are obtained from mother-stock indexed or tested and maintained virus-free.</p> | <p>Post-entry quarantine for a period of one year.</p> <p>The above condition shall not apply.</p> <p>Same as above.</p> | <p>Subject to the recommendation, supervision, monitoring and testing by Director, National Research Centre on Citrus, Nagpur, (Maharashtra).</p> <p>Same as above.</p> <p>Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture</p> |
| 4. | Cocoa ( <i>Theobroma cacao</i> ) and related species.                                           | (i) Seeds (beans)/pods/bud wood/rootstock                                                                 | <p>Freedom from</p> <p>(a) Swollen shoot virus and related strains</p> <p>(b) Witches' broom (<i>Crinipellis</i> (<i>Marasmius</i>) <i>perniciosa</i>)</p> <p>(c) Watery pod rot ( <i>Monilia</i> (<i>Moniliophthora</i>) <i>roreri</i>)</p> <p>(d) Mealy pod (<i>Trachysphaera fructigena</i>)</p> <p>(e) Mirids (<i>Sahlbergia singularis</i> &amp; <i>Distantiella theobroma</i>)</p> <p>(f) Cocoa moth (<i>Acorocercops cramerella</i>)</p> <p>(g) Cocoa capsid (<i>Sahlbergiella</i></p>                                                                                                                                                                                                                                                                                                                                                                                                 | Post-entry quarantine for a period of one year                                                                           | Subject to the recommendation, supervision, monitoring and testing by the Director, CPCRI, Kasaragod, Kerala                                                                                                                                                                                |

|    |                                                                 |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                             |
|----|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                                                 | (ii) Tissue-cultured plants                                                                      | <p><i>theobroma</i>)</p> <p>(h) Cocoa beetle (<i>Steirastoma brevis</i>)</p> <p>(i) seedling damping-off (<i>Phytophthora cactorum</i>)</p> <p>(j) Chestnut downy mildew (<i>Phytophthora katusae</i>)</p> <p>(k) Black pod of cocoa (<i>Phytophthora megakarya</i>)</p> <p>Certified that the tissue cultured plants produced in vitro are obtained from mother stock tested and maintained free from cocoa viruses by appropriate authority at the country of origin.</p>                                                                                                             | The above conditions shall not apply                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                             |
| 5. | Coconut ( <i>Cocos nucifera</i> ) & related species of Cocoidae | <p>(i) Seed nuts/ Seed lings/Pollen</p> <p>(ii) Embryo-cultures</p>                              | <p>Freedom from:</p> <p>a) Palm lethal yellowing (phytoplasma) and related strains</p> <p>b) Cadang cadang &amp; Tinangaja (viroid)</p> <p>c) Lethal boll rot (<i>Marasmiellus cocophilus</i>)</p> <p>d) Red ring (<i>Rhadinaphelenchus cocophilus (palmarum)</i>)</p> <p>e) South American Palm weevil (<i>Rhyncophorus palmarum</i>)</p> <p>f) Leaf minor (<i>Promecotheca cumingi</i>)</p> <p>g) Palm kernel borer (<i>Pachymerus spp</i>)</p> <p>Certified that the embryo cultures are obtained from seed nuts collected from mother trees tested and found free from viroids.</p> | <p>(i) The Seed nuts shall be fumigated with methyl bromide @ 16 gm/cu m for 12 hrs at 20 C under NAP at the port of entry or any other fumigant/ substance in the manner approved by Plant Protection Adviser.</p> <p>(ii) Post-entry quarantine in offshore island facility at Andaman &amp; Nicobar Islands for one reproductive cycle or five years period.</p> <p>The above conditions shall not apply.</p> | <p>Subject to the recommendation, supervision, monitoring and testing by Director, CPCRI, Kasaragod, Kerala</p> <p>Same as above.</p>                       |
| 6. | Coffee ( <i>Coffea</i> spp.) and related species of Rubiaceae   | (i) Seeds (beans) & berries (freshly harvested)/ Grafts / Bud wood / Seedlings/ Rooted cuttings. | <p>Freedom from:</p> <p>(a) American leaf spot (<i>Mycena citricolor</i>, syn. <i>Omphalia flavida</i>)</p> <p>(b) Coffee berry disease (<i>Colletotrichum coffeanum</i> var. <i>virulens</i>)</p> <p>(c) Tracheomycosis (<i>Gibberella xylariodes</i>, syn <i>Fusarium xylarioids</i>)</p> <p>(d) Powdery rust (<i>Hemeleia coffeicola</i>)</p> <p>(e) Halo blight (<i>Pseudomonas syringae</i> pv. <i>garcae</i>)</p> <p>(f) Leaf spot (<i>Pseudomonas cichorii</i>)</p>                                                                                                              | Post entry quarantine for oneyear period.                                                                                                                                                                                                                                                                                                                                                                        | Subject to the recommendation, supervision, monitoring and testing by the Director, Central Coffee Research Institute, Balehonnur, Chikmagalur (Karnataka). |

|    |                                                              |                                                       |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                           |                                                                                                                                                                                                              |
|----|--------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                                              | (ii) Tissue cultured plants                           | <p>(g) Phloem necrosis (<i>Phytophthora leptovascularum</i>)</p> <p>(h) Coffee viruses (coffee ringspot, leaf rugosity, leaf curl, leaf crinkle and mosaic viruses)</p> <p>(i) Coffee berry borers (<i>Hypothenemus hampei</i>, <i>Sophronica ventralis</i>)</p> <p>(j) Coffee thrips (<i>Diarthrothrips coffeae</i>)</p> <p>Certified that the tissue cultured plants tested virus -free</p>       | The above condition shall not apply.                                                                                                                                                                                                                      | Same as above.                                                                                                                                                                                               |
| 7. | Cotton ( <i>Gossypium</i> spp.)                              | Seeds for sowing                                      | <p>(i) Freedom from:</p> <p>(a) Witches' broom (<i>Collectotrichum gossypii</i> var. <i>cephalosporioides</i>)</p> <p>(b) Bacterial blight (<i>Xanthomonas campestris</i> pv. <i>malvacearum</i> (African strain))</p> <p>(c) (<i>Anthonomus grandis</i> &amp; other <i>Anthonomus</i> spp.)</p> <p>(d) Seed bruchids (<i>Amblycerus</i> spp., <i>Megacerus</i> spp., <i>Spermophagus</i> spp.)</p> | <p>(i) The seed shall be given acid delinting treatment at the country of origin prior to shipment</p> <p>(ii) The seed shall be fumigated with suitable fumigant at the country of origin and treatment to be endorsed on phytosanitary certificate.</p> | Subject to the recommendation, supervision, monitoring and testing by Director, Central Cotton Research Institute, Nagpur, (Maharashtra).                                                                    |
| 8. | Forest plant species<br>(i) Chestnut ( <i>Castanea</i> spp.) | (i) Seeds/ Fruits/ Grafts and other planting material | Freedom from:<br>Chestnut blight or canker ( <i>Cryphonectria</i> ( <i>Endothia</i> ) <i>parasitica</i> )-American strain                                                                                                                                                                                                                                                                           | Post-entry quarantine for a period of one year.                                                                                                                                                                                                           | Subject to the recommendation, supervision, monitoring and testing by Director, Forest Research Institute, Dehradun or any other research institute under Indian Council of Forestry Research and Education. |
|    | (ii) Elm ( <i>Ulmus</i> spp.)                                | (i) Seeds/Plants                                      | Freedom from:<br><p>(a) Dutch elm disease (<i>Ceratocystis ulmi</i>) - American and European strains</p> <p>(b) Elm mottle virus,</p> <p>(c) Elm bark beetles (Scolytidae)</p> <p>(d) White -banded elm leaf hopper (<i>Scaphoidous luteolus</i>) -Vector of Elm phloem necrosis</p> <p>Seed Bruchid (<i>Bruchidius</i> spp.)</p>                                                                   | <p>(i) Post-entry quarantine for a period of one year.</p> <p>(ii) Fumigation of planting material prior to dispatch at the country of origin and the treatment shall be endorsed on the phytosanitary certificate.</p>                                   | Subject to the recommendation, supervision, monitoring and testing by Director, Forest Research Institute, Dehradun or any other research institute under Indian Council of Forestry Research and Education  |
|    | (iii) Oak ( <i>Quercus</i> spp.)                             | (i) Seeds/ Plants                                     | Freedom from:<br><p>(a) Oak wilt (<i>Ceratocystis fagacearum</i>)</p> <p>(b) Oak bark beetles</p>                                                                                                                                                                                                                                                                                                   | <p>(i) Post-entry quarantine for a period of one year</p> <p>(ii) Fumigation of planting</p>                                                                                                                                                              | Subject to the recommendation, supervision, monitoring and testing by                                                                                                                                        |



|    |                                                             |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                |                                                                                                                                                                                                             |
|----|-------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    |                                                             |                           | ( <i>Pseudopityophthorus</i> spp.)<br>(c) Seed Bruchids ( <i>Bruchidius</i> spp.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | material prior to dispatch at the country of origin and the treatment shall be endorsed on the phytosanitary certificate                                                                                       | Director, Forest Research Institute, Dehradun or any other research institute under Indian Council of Forestry Research and Education                                                                       |
|    | (iv) Pine ( <i>Pinus</i> spp.) and other coniferous species | (i) Seeds/ Plants         | (i) Freedom from:<br>(a) Pine rusts (Stalactiform blister rust( <i>Cronartium coleosporioides</i> ), Comandra blister rust ( <i>C. comandrae</i> ), sweet fern blister rust ( <i>C. comptoniae</i> ); Southern fusiform rust ( <i>C. fusiforme</i> ))<br>(b) Western gall rust ( <i>Endocronartium harknessii</i> )<br>(c) Brown spot needle blight ( <i>Mycosphaerella dearnesii</i> , syn. <i>Scirrhia acicola</i> )<br>(d) Seedling die-back and pitch canker ( <i>Fusarium moniliforme</i> f.sp. <i>subglutinans</i> ).<br>(e) Needle cast ( <i>Lophodermium</i> spp.)<br>(f) Pine wood nematode ( <i>Bursaphelenchus xylophilus</i> )<br>(g) Seed chalcid ( <i>Eurytoma sciromatis</i> )<br>(h) Seed Bruchids ( <i>Bruchidius</i> spp.) | i) Post-entry quarantine for a period of one year.<br><br>ii) Fumigation of planting material prior to dispatch at the country of origin and the treatment shall be endorsed on the phytosanitary certificate. | Subject to the recommendation, supervision, monitoring and testing by Director, Forest Research Institute, Dehradun or any other research institute under Indian Council of Forestry Research and Education |
|    | (v) Poplar ( <i>Populus</i> spp.)                           | (i) Stem cuttings/ Plants | Freedom from:<br>(a) <i>Hypoxylon</i> canker ( <i>Hypoxylon mammatum</i> )<br>(b) Poplar rust ( <i>Melampsora medusae</i> )<br>(c) Septoria canker of poplar ( <i>Mycosphaerella populorum</i> , syn. <i>Septoria musiva</i> )<br>(d) Gummosis ( <i>Eutypa armeniaca</i> )<br>(e) Poplar mosaic virus                                                                                                                                                                                                                                                                                                                                                                                                                                        | Post-entry quarantine for a period of one year.                                                                                                                                                                | Subject to the recommendation, supervision, monitoring and testing by Director, Forest Research Institute, Dehradun or any other research institute under Indian Council of Forestry Research and Education |
|    | (vi) Walnut ( <i>Juglans</i> spp.)                          | (i) Seeds (nuts)/ Plants  | Freedom from:<br>(a) Bacterial blight ( <i>Xanthomonas juglandis</i> )<br>(b) Bark canker ( <i>Erwinia nigrifluens</i> )<br>(c) Gummosis ( <i>Eutypa armeniaca</i> )<br>(d) Codling moth ( <i>Carpocapsa pomonella</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Post-entry quarantine for a period of one year                                                                                                                                                                 | Subject to recommendation, supervision, monitoring and testing by Director, Forest Research Institute, Dehradun or any other research institute under Indian Council of Forestry Research and Education.    |
| 9. | Groundnut ( <i>Arachis</i>                                  | Seeds/ Stem               | Free from                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (i) Post-entry quarantine for                                                                                                                                                                                  | Subject to the recommendation,                                                                                                                                                                              |

|     |                                                                                   |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                             |                                                                                                                                                                                                                                      |
|-----|-----------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     | spp.)                                                                             | cuttings/Plants                        | (a) Scab ( <i>Sphaceloma arachidis</i> )<br>(b) Bacterial wilt ( <i>Burkholderia solanacearum</i> ) (African strains)<br>(c) Peanut stripe virus<br>(d) Peanut stunt virus<br>(e) Tobacco streak virus<br>(f) Seed Bruchid ( <i>Stator pruininus</i> )<br>(g) Testa Nematode ( <i>Aphelenchoides arachidis</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | a period of 6 weeks<br>(ii) Permitted to import only as decorticated seeds. | supervision, monitoring and testing by Director National Research Center on Groundnut, Junagadh, Gujarat State and Director General, International Crops Research Institute for Semi-Arid Tropics, Patancheru, Andhra Pradesh State. |
| 10. | Potato ( <i>Solanum tuberosum</i> ) and other tuber bearing species of Solanaceae | (i) Tubers and other planting material | Freedom from:<br>(a) Potato tuber nematode ( <i>Ditylenchus destructor</i> )<br>(b) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )<br>(c) Potato cyst nematodes [ <i>Globodera (Heterodera) rostochiensis</i> & <i>Globodera pallida</i> ]<br>(d) Gangrene ( <i>Phoma exigua</i> var. <i>foveata</i> )<br>(e) Potato wart ( <i>Synchytrium endobioticum</i> )<br>(f) Potato smut [ <i>Thecaphora (Angiosorus) solani</i> ]<br>(g) Bacterial ring rot ( <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> )<br>(h) Potato purple-top wilt & stolbur <i>phytoplasmas</i><br>(i) Potato viruses viz. Andean potato latent, Andean potato mottle, Arracacha B virus, Potato deforming mosaic, Potato T (capillo virus), Potato yellow dwarf, Potato yellow vein, Potato calico strain of Tobacco ring spot virus, Potato strain of Tobacco streak virus<br>(j) Colorado potato beetle ( <i>Leptinotarsa decemlineata</i> )<br>(k) Andean potato weevil ( <i>Premnotrypes</i> spp.) | Post-entry quarantine for a period of two growth seasons.                   | Subject to the recommendation, supervision, monitoring and testing by Director, Central Potato Research Institute, Simla, Himachal Pradesh.                                                                                          |

|     |                                       |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                   |
|-----|---------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                       | (ii) True seed/<br>micro tubers (in<br>vitro) of potato/<br>tissue-cultured<br>plants | The true seed/micro-tubers (in vitro) of<br>potato are obtained from plants tested and<br>certified free from viruses and viroids of<br>potato and other tuber bearing Solanaceous<br>plant species.                                                                                                                                                                                                                                      | The above condition shall not<br>apply.                                                                                                                                                                                                                                                                                               | Import subject to prior<br>approval of Department of<br>Agriculture and Cooperation<br>in the Ministry of Agriculture                                                                                                                                                                                                                             |
| 11. | Rice ( <i>Oryza sativa</i> )          | (i) Seeds for<br>sowing                                                               | (i) Freedom from:<br>(a) Granary weevil ( <i>Sitophilus<br/>granarius</i> )<br>(b) Sheath brown rot ( <i>Pseudomonas<br/>fuscovaginae</i> )<br>(c) Seedling rot ( <i>Pseudomonas<br/>glumae</i> )<br>(d) Bacterial halo blight<br>( <i>Pseudomonas syringae</i> pv.<br><i>Oryzae</i> )<br>(e) Quarantine Weed Seeds                                                                                                                       | Seed soaking overnight and<br>hot water treatment at 52 °C<br>for 10 minutes.                                                                                                                                                                                                                                                         | (a) Approval of Department<br>of Agriculture and<br>Cooperation, Ministry of<br>Agriculture as per provisions<br>of New Policy on Seed<br>Development (NPSD), 1988.<br><br>(b) Subject to the<br>recommendation, supervision,<br>monitoring and testing by<br>Director, NBPGR, New<br>Delhi/Director, Directorate of<br>Rice Research, Hyderabad. |
| 12. | Rubber ( <i>Hevea</i> spp.)           | Seed/ Saplings/<br>Bud wood.                                                          | (i) Freedom from:<br>(a) South American leaf blight (SALB)<br>( <i>Microcyclus ulei</i> syn. <i>Dothidella ulei</i> )<br>(b) Shot hole borer ( <i>Xyleborus<br/>ferrugineus</i> )                                                                                                                                                                                                                                                         | (i) Post-entry quarantine for a<br>period of one year.<br>(ii) The consignment of seed<br>and other planting material<br>shall be treated with suitable<br>systemic fungicide prior to<br>dispatch of the consignment<br>at the country of origin and<br>the treatment shall be<br>endorsed on phytosanitary<br>certificate.          | Subject to the<br>recommendation, supervision,<br>monitoring and testing by the<br>Director, Rubber Institute,<br>Kottayam, (Kerala).                                                                                                                                                                                                             |
| 13. | Sugarcane<br>( <i>Saccharum</i> spp.) | (i) Cuttings of setts<br>for planting                                                 | Freedom from:<br>(a) Fiji virus of sugarcane<br>(b) Gummosis ( <i>Xanthomonas<br/>vasculorum</i> )<br>(c) Sugarcane white leaf ( <i>phytoplasmas</i> )<br>(d) Sereh<br>(e) Sugarcane downy mildew<br>( <i>Peronosclerospora sacchari</i> )<br>(f) Mottled stripe ( <i>Pseudomonas<br/>rubrisubalbicans</i> )<br>(g) Sugarcane viruses viz. bacilliform,<br>mild mosaic, mosaic & streak<br>(h) American sugarcane borer ( <i>Diatraea</i> | (i) Growing of consignment<br>under post-entry<br>quarantine for a period<br>of one year.<br>(ii) Hot water treatment of<br>dormant sets at 52 ° C<br>for 20 min. followed by<br>dipping in systemic<br>fungicide solutions viz.<br>Benlate at 0.2% just<br>prior to planting.<br>(iii) All packages and<br>packing material shall be | Subject to the<br>recommendation, supervision,<br>monitoring and testing by<br>Director, Sugarcane Breeding<br>Institute, Coimbatore (Tamil<br>Nadu).                                                                                                                                                                                             |

|     |                                     |                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                            |                                                                                                                                                                            |
|-----|-------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                     |                                                      | <i>saccharalis</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | disposed off by burning.                                                                                                                                                   |                                                                                                                                                                            |
|     |                                     | (ii) True seed or fuzz                               | As stated above at (b) and (e)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (iv) Hot water treatment of fuzz at 58 ° C for 5 min. in water with 50 ppm Tween-20 followed by a short dip in a 10 ppm solution of suitable fungicide just before sowing. | As above                                                                                                                                                                   |
|     |                                     | (iii) Tissue cultured plants                         | Certified that the tissue cultured plants tested and found virus-free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | The above conditions (i) to (iv) shall not apply                                                                                                                           | As above.                                                                                                                                                                  |
| 14. | Sweet potato ( <i>Ipomoea</i> spp.) | (i) Stem (vine) cuttings rooted or un-rooted/ tubers | Freedom from:<br>(a) Scab ( <i>Elsinoe batatas</i> )<br>(b) Scurf ( <i>Monilochaetes infuscans</i> )<br>(c) Foot rot ( <i>Plenodomus destruens</i> )<br>(d) Soil rot ( <i>Streptomyces ipomoeae</i> )<br>(e) Bacteria wilt ( <i>Pseudomonas batatae</i> )<br>(f) Sweet potato viruses viz. Russet crack; feathery mottle; internal cork; chlorotic leaf spot; vein mosaic; mild mottle and yellow dwarf, vein clearing; chlorotic stunt; Sheffield's virus A and B etc.<br>(g) Sweet potato witches' broom (phytoplasmas)<br>(h) Seed bruchid ( <i>Mimosestes mimosae</i> ) | (i) Post-entry quarantine for one growth season.<br>(ii) Freedom from soil.                                                                                                | Subject to the recommendation, supervision, monitoring and testing by Director, Central Tuber Crops Research Institute, Sreekaryam (Kerala).                               |
|     |                                     | (ii) True seed/ Tissue-cultured plants               | Certified that the true seed / tissue-cultured plants are obtained from mother stock indexed or tested and maintained free from viruses and viroids of potato and other tuber bearing Solanaceous plant species.                                                                                                                                                                                                                                                                                                                                                            | The above conditions shall not apply.                                                                                                                                      | Same as above.                                                                                                                                                             |
| 15. | Tobacco ( <i>Nicotiana</i> spp.)    | (i) Seed for sowing                                  | Freedom from:<br>(a) Blue mould ( <i>Peronospora tabacina</i> )<br>(b) Broomrape ( <i>Orobancha cumana</i> )<br>(c) Tobacco cyst nematode ( <i>Heterodera tabacum</i> )                                                                                                                                                                                                                                                                                                                                                                                                     | Post-entry consignment for a period of one growth season.                                                                                                                  | Subject to the recommendation, supervision, monitoring and testing by Central Tobacco Research Institute, Rajahmundry (AP)                                                 |
| 16. | Wheat ( <i>Triticum</i> spp.)       | (i) Seeds for sowing                                 | (i) Freedom from:<br>(a) Dwarf bunt ( <i>Tilletia contraversa</i> )<br>(b) Ergot ( <i>Claviceps purpurea</i> )<br>(c) Spike rot ( <i>Pseudomonas atrofaciens</i> )<br>(d) Granary weevil ( <i>Sitophilus granarius</i> )<br>(e) Quarantine Weed Seeds                                                                                                                                                                                                                                                                                                                       | Post-entry quarantine for one growth season.                                                                                                                               | (a) Approval of Department of Agriculture and Cooperation, Ministry of Agriculture as per provisions of New Policy on Seed Development (NPSD), 1988.<br>(b) Subject to the |

|     |                             |                                        |                                                                                                                                                              |                                                                                                                                                                                                                                 |                                                                                                                                              |
|-----|-----------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|     |                             |                                        |                                                                                                                                                              |                                                                                                                                                                                                                                 | recommendation, supervision, monitoring and testing by Director, NBPGR, New Delhi/Director, Directorate of Wheat Research, Karnal.           |
| 17. | Yam ( <i>Dioscorea</i> spp) | (i) Tubers for planting or propagation | (i) Freedom from:<br>(a) Yam mosaic virus/ green banding virus<br>(b) Crown gall ( <i>Agrobacterium tumefaciens</i> )<br>(c) Weevil ( <i>Palaeopus</i> spp.) | (i) Growing of consignment under post-entry quarantine for one growth season.<br>(ii) Hot water treatment of tubers at 52oC for 30 minutes followed by chemical dip in fensulphathion at 0.125% for 10-15 min. before planting. | Subject to the recommendation, supervision, monitoring and testing by Director, Central Tuber Crops Research Institute, Sreekaryam (Kerala). |
|     |                             | (ii) Tissue cultured plants            | (ii) Certified that the tissue cultured plants produced from virus-free mother stock.                                                                        | The above conditions shall not apply.                                                                                                                                                                                           | Same as above.                                                                                                                               |

## SCHEDULE - VI

[See clauses 3(3) & (6), 10(i),(ii) & (iii) and 11(3)]

### List of plants/plant materials permitted to be imported with additional declarations and special conditions (Consolidated upto Sixth Amendment 2014, dated 10<sup>th</sup> December, 2014)

| Serial number | Plant species                        | Category of plant material | Country of Origin                                                                                               | Additional declarations required to be incorporated into Phytosanitary Certificate                                                                                             | Special conditions of import                                                                                                                                                                                                                                                                                    |
|---------------|--------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (1)           | (2)                                  | (3)                        | (4)                                                                                                             | (5)                                                                                                                                                                            | (6)                                                                                                                                                                                                                                                                                                             |
| 1.            | <i>Abelmoschus esculentus</i> (Okra) | Seeds for sowing           | (i) China<br>(ii) Italy<br>(iii) Philippines<br>(iv) Thailand<br>(v) Japan<br>(vi) Bangladesh<br>(vii) Malaysia | Nil                                                                                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                |
|               |                                      |                            | (vi) France<br>(vii) Taiwan                                                                                     | Free from <i>Phomopsis longicolla</i> (phomopsis seed decay)                                                                                                                   | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                |
|               |                                      |                            | (viii) USA                                                                                                      | Free from:<br>(a) <i>Phomopsis longicolla</i><br>(b) <i>Helicoverpa zea</i><br>(c) <i>Cercospora abelmoschi</i>                                                                | (i) Free from quarantine weeds seeds<br>(ii) Free from soil contamination<br>(iii) Seed crop inspection and certification for free from (a) by a competent authority at the country of origin.                                                                                                                  |
| 2.            | <i>Abies</i> spp. (Firwood)          | (i) Wood with/without bark | Europe (except Portugal)                                                                                        | Free from:<br>(a) <i>Ips typographus</i> (Spruce bark beetle)<br>(b) <i>Pityogenes chalcographus</i> (Bark beetle, six dentated)<br>(c) <i>Tomicus piniperda</i> (Pine beetle) | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export. |

|     |                                      |                                                            |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                          |
|-----|--------------------------------------|------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                      | (ii) Wood without bark                                     | North America                        | Free from :<br>(a) <i>Dendroctonus rufipennis</i> (Spruce beetle)<br>(b) <i>Dioryctria abietivorella</i> (Fir coneworm)<br>(c) <i>Dryocoetes confuses</i> (Western balsam bark beetle)<br>(d) <i>Pityokteines sparsus</i> (Balsam fir bark beetle)<br>(e) <i>Polygraphus rufipennis</i> (Foureyed spruce bark beetle)<br>(f) <i>Tomicus piniperda</i> (Beetle, pine)<br>(g) <i>Bursaphenches xylophilus</i> (Pine wood nematode) | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 3.  | <i>Abutilon hybridum</i>             | Seeds for sowing                                           | (i) Asia<br>(ii) Europe<br>(iii) USA | Nil                                                                                                                                                                                                                                                                                                                                                                                                                              | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                         |
| 4.  | <i>Acacia</i> spp. (Wattles)         | Seeds for sowing                                           | Australia                            | Free from:<br>(a) <i>Pantomorus cervinus</i> (rose beetle)<br>(b) <i>Atelocauda digitata</i><br>(c) <i>Fusarium oxysporum</i> f. sp. <i>passiflorae</i>                                                                                                                                                                                                                                                                          | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                       |
| 5.  | <i>Acacia auriculiformis</i>         | Seeds for sowing                                           | Australia                            | Nil                                                                                                                                                                                                                                                                                                                                                                                                                              | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                         |
| 6.  | <i>Acacia mangium</i>                | Seeds for sowing                                           | Australia                            | Nil                                                                                                                                                                                                                                                                                                                                                                                                                              | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                         |
| 7.  | <i>Acer</i> spp.                     | Tissue cultured plants                                     | Canada                               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) <i>Xylella fastidiosa</i> (Pierce's disease of grapevines)<br>(b) Sowbane mosaic virus                                                                                                                                                                                                                         | Nil                                                                                                                                                                                                                                                                                                                                                                      |
| 8.  | <i>Achillea</i> spp.                 | Seeds for sowing                                           | Europe                               | Nil                                                                                                                                                                                                                                                                                                                                                                                                                              | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                       |
| 9.  | <i>Achillea millefolium</i>          | Dry flowers for decoration                                 | Thailand                             | Nil                                                                                                                                                                                                                                                                                                                                                                                                                              | Free from quarantine weeds seeds and soil                                                                                                                                                                                                                                                                                                                                |
| 10. | <i>Aconitum hetrophyllum</i> (Atees) | Dried roots for consumption                                | Pakistan                             | Nil                                                                                                                                                                                                                                                                                                                                                                                                                              | Free from soil and othewr plant debris                                                                                                                                                                                                                                                                                                                                   |
| 11. | <i>Aconitum napellus</i>             | Dry plant material (All plant parts) for medicinal purpose | China                                | Nil                                                                                                                                                                                                                                                                                                                                                                                                                              | Free from quarantine weeds seeds and soil                                                                                                                                                                                                                                                                                                                                |
| 12. | <i>Actea</i> spp.                    | Tissue cultured plants                                     | Any Country                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                                                                                 | Nil                                                                                                                                                                                                                                                                                                                                                                      |
| 13. | <i>Actinida</i> spp. (Kiwi fruit )   | Budwoods/ plants for propagation                           | USA                                  | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Epiphyas postvittana</i> (apple moth)<br>(c) <i>Platynota stultana</i> (leaf roller)                                                                                                                                                                                                                                                                          | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture                                                                                                                                                                                                                                                                  |

|     |                                                           |                              |              |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----|-----------------------------------------------------------|------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                           |                              |              | (d) <i>Armillaria mellea</i> (armillaria root rot)<br>(e) <i>Calonectria crotalaria</i><br>(f) <i>Phaeoacremonium aleophilum</i><br>(g) <i>Phytophthora cryptogea</i> (foot rot)<br>(h) <i>Pseudomonas viridiflava</i><br>(i) <i>Rhizobium rhizogenes</i> (bacterial gall)                                                                                                                                                       | and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month                                                                                                                                                                                                                                                                                                                                                    |
| 14. | <i>Actinida arguta</i> (Kiwi berry)                       | Fresh Fruits for consumption | New Zea land | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Paracoccus caraticus</i> (mealy bug)<br>(c) <i>Pseudococcus calseolariae</i> ( <i>Citrophilus</i> mealy bug)<br>(d) <i>Botryosphaeria dothidea</i> ( <i>Dothierella</i> rot)<br>(e) <i>Diaporthe actinidae</i> ( <i>Phomopsis</i> rot)<br>(f) <i>Diaporthe perniciosus</i> ( <i>phomopsis</i> canker)<br>(g) <i>Phytophthora cryptogea</i> (Tomato foot rot). | Nil                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 15. | <i>Actinidia chinensis</i> and <i>A. deliciosa</i> (Kiwi) | (i) Fruits for consumption   | (i) Italy    | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Pseudomonas syringae</i> pv. <i>Actinidiae</i> (bacterial canker of kiwifruit)<br>(d) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                                                             | (i) Pest-free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(ii) MB fumigation @ 32 g/cubic metre for 3 ½ hrs at 21°C or above or equivalent thereof or<br>(iii) Pre-shipment/ In-transit cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against Mediterranean fruit fly. |
|     |                                                           |                              | (ii) Iran    | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                                                                                                                                                                                                                 | Nil                                                                                                                                                                                                                                                                                                                                                                                                                     |



|  |  |  |                   |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                           |
|--|--|--|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (iii) New Zealand | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Paracoccus cavaticus</i> (mealy bug)<br>(c) <i>Pseudococcus calceolariae</i> (citrophilus mealy bug)<br>(d) <i>Botryosphaeria dothidea</i> (Dothierella rot)<br>(e) <i>Diaporthe actinidae</i> (Phomopsis rot)<br>(f) <i>Diaporthe pernicioso</i> (Phomopsis canker)<br>(g) <i>Phytophthora cryptogea</i> (tomato foot rot) | Nil                                                                                                                                                                                                       |
|  |  |  | (iv) Chile        | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Trialeurodes vaporariorum</i> (glasshouse whitefly)<br>(c) <i>Brevipalpus chilensis</i><br>(d) <i>Pseudomonas syringae</i> pv. <i>actinidiae</i> (bacterial canker of Kiwi fruit)                                                                                                                                           | Nil                                                                                                                                                                                                       |
|  |  |  | (v) France        | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Ceroplastes rusci</i> (fig wax scale)<br>(c) <i>Lobesia botrana</i> (grape berry moth)<br>(d) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)<br>(e) <i>Phytophthora cryptogea</i> (tomato foot rot)                                                                                                       | MB fumigation @ 32 g/cubic metre for 3 ½ hrs at 21°C or above or equivalent thereof or pre-shipment cold treatment at 1.11°C to 4.44°C for 4 days or 5.0°C to 8.33°C for 6 days against grape berry moth. |
|  |  |  | (vi) Australia    | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Helix aspersa</i> (common snail)<br>(c) <i>Phaeoacremonium aleophilum</i> (Petri disease)<br>(d) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(e) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                    | Nil                                                                                                                                                                                                       |

|     |                                                                                 |                                       |             |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                     |
|-----|---------------------------------------------------------------------------------|---------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                                                 |                                       | (vii)Greece | Free from:<br>a) <i>Aspidiotus nerii</i> (aucuba scale)<br>b) <i>Botryosphaeria dothidea</i> (canker of almond)<br>c) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>d) <i>Lobesia botrana</i> (grape berry moth)<br>e) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>f) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato (USA))                                                                          | Pre-shipment cold treatment at 0°C or below for 13 days or above; 0.55°C or below for 14 days or above; 1.1°C or below for 18 days or above plus in-transit refrigeration<br>or<br>MB fumigation @ 32 g/cubic metre for 3 ½ hrs at 21°C or above or equivalent thereof.<br>The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
|     |                                                                                 | (ii) Plant for propagation            | Thailand    | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                   | (ii) Post-entry quarantine growing for a period of 10-12 months<br>(iii) Free from soil.<br>Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                                                               |
|     |                                                                                 | (iii) Budwoods/plants for propagation | USA         | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Epiphyas postvittana</i> (apple moth)<br>(c) <i>Platynota stultana</i> (leaf roller)<br>(d) <i>Armillaria mellea</i> (armillaria root rot)<br>(e) <i>Calonectria crotalaria</i><br>(f) <i>Phaeoacremonium aleophilum</i><br>(g) <i>Phytophthora cryptogea</i> (foot rot)<br>(h) <i>Pseudomonas viridiflava</i><br>(i) <i>Rhizobium rhizogenes</i> (bacterial gall) | (ii) Free from soil<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iv) Post-entry quarantine growing for a period of 6-9 month.                                                                                                                                                                                             |
| 16. | <i>Adiantum</i> spp. ( <i>Adiantum</i> )                                        | Plants for propagation                | Asia        | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                   | Post entry quarantine growing for 45 days period.                                                                                                                                                                                                                                                                                                                                   |
| 17. | <i>Adonis vernalis</i>                                                          | (i) Seeds for sowing                  | Germany     | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                   | Free from quarantine weeds seeds                                                                                                                                                                                                                                                                                                                                                    |
| 18. | <i>Aeschynomene falcata</i> /<br><i>Aeschynomene americana</i><br>(Joint vetch) | Seeds for sowing                      | Kenya       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                   | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                                  |
| 19. | <i>Agapanthus</i> spp.                                                          | (i) Plants for propagation            | Netherlands | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                   | Post entry quarantine growing for 45 days period.                                                                                                                                                                                                                                                                                                                                   |

|     |                               |                                     |                                                                   |                                                                                                                                                                                                                                                                                   |                                                                           |
|-----|-------------------------------|-------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
|     |                               | (ii) Tissue cultured plants         | (i) Italy<br>(ii) New Zealand<br>(iii) UK                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from nerine X potexvirus                                                                                                                                                     | Nil                                                                       |
|     |                               |                                     | (iv) France                                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) Tomato spotted wilt virus<br>(b) Odontoglossum ring spot virus<br>(c) Impatiens necrotic spot virus<br>(d) Cacao yellow mosaic virus<br>(f) Arabis mosaic virus | Nil                                                                       |
|     |                               |                                     | (v) Australia                                                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus                                                                                                                                               | Nil                                                                       |
|     |                               |                                     | (vi) Any country except Italy, New Zealand, UK, France, Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                   | Nil                                                                       |
| 20. | <i>Agastache spp.</i>         | (i) Tissue culture plants           | (i) Australia                                                     | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from Nerine latent virus.                                                                                                                                                     | Nil                                                                       |
|     |                               |                                     | (ii) Costa Rica<br>(iii) USA                                      | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                                                                                               | Nil                                                                       |
| 21. | <i>Agave spp.</i>             | Tissue cultured plants              | (i) Finland                                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from cactus X virus.                                                                                                                                                         | Nil                                                                       |
|     |                               |                                     | (ii) Any country except Finland                                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                   | Nil                                                                       |
| 22. | <i>Agave sisalana</i> (Sisal) | (i) Suckers/ Plants for propagation | USA                                                               | Free from<br>(a) <i>Siphophorus acupunctatus</i><br>(b) Cactus virus X                                                                                                                                                                                                            | (i) Freedom from soil<br>(ii) Post entry quarantine growing for 6-9 month |
|     |                               | (ii) Seeds for sowing               | (i) Brazil<br>(ii) Mexico                                         | Nil                                                                                                                                                                                                                                                                               | Freedom from quarantine weed seeds                                        |

|     |                                                            |                                        |                                      |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |
|-----|------------------------------------------------------------|----------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 23. | <i>Ageratum</i> spp.                                       | Seeds for sowing                       | (i) Australia<br>(ii) Europe         | Nil                                                                                                                                                                                                                                                                                                                                                                                                         | Freedom from quarantine weed seeds                |
| 24. | <i>Agropyron cristatum</i> (Crested wheat grass)           | Seeds for sowing                       | USA                                  | Free from <i>Pseudomonas syringae</i> pv. <i>atropurpurea</i>                                                                                                                                                                                                                                                                                                                                               | Freedom from quarantine weed seeds                |
| 25. | <i>Agrostis stolonifera</i> (Creeping bentgrass)           | Seeds for sowing                       | USA                                  | Free from:<br>(a) <i>Anguina agrostis</i> (bentgrass nematode)<br>(b) <i>Monographella nivalis</i> (foot rot: cereals)<br>(c) <i>Sclerotinia homoeocarpa</i> (dollar spot: grasses)                                                                                                                                                                                                                         | Free from quarantine weed seeds.                  |
| 26. | <i>Ajuga</i> spp.                                          | Tissue culture plants                  | Australia                            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                                                            | Nil                                               |
| 27. | <i>Albizia lebbbeck</i> (Acacia)                           | Plants for propagation                 | (i) Asia                             | Nil                                                                                                                                                                                                                                                                                                                                                                                                         | Post entry quarantine growing for 45 days period. |
|     |                                                            |                                        | (ii) USA                             | Free from <i>Pleiochaeta setosa</i> (lupin leaf spot)                                                                                                                                                                                                                                                                                                                                                       | Post-entry quarantine for a period of 45 days.    |
| 28. | <i>Alcea</i> spp. (Hollyhock)                              | Seeds for sowing                       | (i) USA<br>(ii) Europe<br>(iii) Asia | Nil                                                                                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weed seeds.                  |
| 29. | <i>Alchemilla</i> spp. (Lady's mantle)                     | Seeds for sowing                       | Europe                               | Nil                                                                                                                                                                                                                                                                                                                                                                                                         | Freedom from quarantine weeds seeds.              |
| 30. | <i>Allamanda</i> spp. (Allamanda)                          | Plants for propagation                 | Any Country                          | Nil                                                                                                                                                                                                                                                                                                                                                                                                         | Post entry quarantine growing for 45 days period. |
| 31. | <i>Allium</i> species (onion, garlic, leek, shallot, etc.) | (i) Seeds/bulbs for sowing or planting | Any Country                          | Free from:<br>(a) Smut ( <i>Urocystis cepulae</i> )<br>(b) Slippery skin ( <i>Pseudomonas cepacia</i> )<br>(c) Dry rot ( <i>Embellisia allii</i> )<br>(d) Marginal necrosis ( <i>Pseudomonas marginalis</i> pv. <i>marginalis</i> )<br>(e) Pod and stem blight ( <i>Phomopsis longicolla</i> )<br>(f) Stem and bulbs nematode ( <i>Ditylenchus dipsaci</i> )<br>(g) Onion maggot ( <i>Hylemia antiqua</i> ) | Free from soil.                                   |

|     |                                        |                              |                                                                                                     |                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                             |
|-----|----------------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                        | (ii) Bulbs for consumption   | Any Country                                                                                         | Free from:<br>(a) Smut ( <i>Urocystis cepulae</i> )<br>(b) Dry rot ( <i>Embellisia allii</i> )<br>(c) Stem and bulbs nematode ( <i>Ditylenchus dipsaci</i> )<br>(d) Onion maggot ( <i>Hylemia antiqua</i> ) | Fumigation with Methyl bromide at 16 g. per cubic metre for 12 hrs. at 21°C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
|     |                                        | (iii) Tissue cultured plants | (i) Israel<br>(ii) USA<br>(iii) Netherlands                                                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from Iris yellow spot virus                                                                            | Nil                                                                                                                                                                                                                                                                                                         |
|     |                                        |                              | (iv) Italy                                                                                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from leek white stripe virus                                                                           | Nil                                                                                                                                                                                                                                                                                                         |
|     |                                        |                              | (v) Argentina<br>(vi) Australia<br>(vii) New Zealand<br>(viii) Germany                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from leek yellow stripe virus                                                                          | Nil                                                                                                                                                                                                                                                                                                         |
|     |                                        |                              | (ix) Any country except Israel, USA, Netherlands, Italy, Argentina, Australia, New Zealand, Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                             | Nil                                                                                                                                                                                                                                                                                                         |
| 32. | <i>Allium schoenoprasum</i><br>(Chive) | Seeds for sowing             | France                                                                                              | Nil                                                                                                                                                                                                         | Free from soil and quarantine weed seeds.                                                                                                                                                                                                                                                                   |

|     |                           |                             |                                                                                               |                                                                                                                                  |                                                                                                                                                                                                                                                                                        |
|-----|---------------------------|-----------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 33. | <i>Alnus</i> spp. (Alder) | Wood with/without bark      | (i) USA                                                                                       | Free from <i>Rosalia funebris</i> (Alder banded borer)                                                                           | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment duly approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
|     |                           |                             | (ii) Europe                                                                                   | Nil                                                                                                                              | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.      |
| 34. | <i>Alocasia</i> spp.      | Tissue cultured plants      | (i) Cook Island,<br>(ii) Fiji,<br>(v) Solomon Islands,<br>(vi) Vanuatu<br>(vii) Western Samoa | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from taro bacilliform virus | Nil                                                                                                                                                                                                                                                                                    |
|     |                           |                             | (vi) Any country except Cook Island, Fiji, Solomon Islands, Vanuatu and Western Samoa         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                  | Nil                                                                                                                                                                                                                                                                                    |
| 35. | <i>Aloe vera</i>          | (i) Plants for propagation  | (i) USA<br>(ii) Europe                                                                        | Nil                                                                                                                              | Post entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                                 |
|     |                           | (ii) Tissue cultured plants | Any Country                                                                                   | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from viruses.                    | Nil                                                                                                                                                                                                                                                                                    |
| 36. | <i>Alpinia</i> spp.       | Tissue cultured plants      | (i) Taiwan                                                                                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from alpinia mosaic virus.  | Nil                                                                                                                                                                                                                                                                                    |

|     |                                  |                              |                                        |                                                                                                                                                                                                                                    |                                                                                                   |
|-----|----------------------------------|------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|     |                                  |                              | (ii) Any country except Taiwan         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                    | Nil                                                                                               |
| 37. | <i>Alpinia galanga</i> (Galanga) | Vegetable for consumption    | Thailand                               | Free from <i>Pseudococcus jackbeardsleyi</i> (Jack beardsley mealybug)                                                                                                                                                             | Nil                                                                                               |
| 38. | <i>Alpinia katsumadai</i>        | Dried fruits for consumption | (i) China<br>(ii) South-Korea          | Nil                                                                                                                                                                                                                                | Free from soil and other plant debris.                                                            |
| 39. | <i>Alstromeria</i> spp.          | (i) Plants for propagation   | The Netherlands                        | Free from:<br>(a) Arabis mosaic virus (hop bare-bine)<br>(b) Freesia mosaic virus<br>Tobacco rattle virus (spraying of potato)                                                                                                     | Post-entry quarantine growing for a period of 45 days.                                            |
|     |                                  | (ii) Tissue cultured plants  | (i) Australia                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus.                                                                                               | Nil                                                                                               |
|     |                                  |                              | (ii) UK                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Arabis mosaic virus<br>(b) Tobacco rattle virus                                                                 | Nil                                                                                               |
|     |                                  |                              | (iii) Any country except UK, Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                   | Nil                                                                                               |
|     |                                  |                              | (iv) The Netherlands                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) Arabis mosaic virus (hop bare-bine)<br>(b) Freesia mosaic virus<br>(c) Tobacco rattle virus (spraying of potato) | Nil                                                                                               |
| 40. | <i>Alternanthera ocipus</i>      | (i) Plants for propagation   | Japan                                  | Nil                                                                                                                                                                                                                                | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 60 days. |
|     |                                  | (ii) Tissue culture plants   | Japan                                  | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                                                | Nil                                                                                               |
| 41. | <i>Althaea</i> spp.              | Seeds for sowing             | Australia                              | Nil                                                                                                                                                                                                                                | Freedom from quarantine weed seeds.                                                               |
| 42. | <i>Alyssum</i> spp. (Alyssum)    | Seeds for sowing             | (i) Asia<br>(ii) Europe<br>(iii) USA   | Nil                                                                                                                                                                                                                                | Free from quarantine weed seeds.                                                                  |

|     |                                         |                                          |                                                |                                                                                                                                                                                                           |                                                                                                                                                                                                  |
|-----|-----------------------------------------|------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 43. | <i>Amaranthus</i> spp.                  | Seeds for sowing                         | Japan                                          | Free from tobacco rattle virus (spraying of potato)                                                                                                                                                       | (i) Freedom from soil and quarantine weed seeds.<br>(ii) Crop inspection and certification for freedom from tobacco rattle virus.                                                                |
| 44. | <i>Amaranthus caudatus</i> (Amaranthus) | Seeds for sowing                         | (i) Europe<br>(ii) USA<br>(iii) Australia      | Free from Strawberry latent ring spot-Naphovirus                                                                                                                                                          | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from strawberry latent ring spot virus                                                                   |
|     |                                         |                                          | (iv) Asia                                      | Nil                                                                                                                                                                                                       | Freedom from quarantine weed seeds                                                                                                                                                               |
| 45. | <i>Amaryllis</i> spp.                   | Tissue cultured plants                   | (i) Netherlands                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) Tomato spotted wilt virus<br>(b) Narcissus mosaic virus<br>(c) Hippeastrum mosaic virus | Nil                                                                                                                                                                                              |
|     |                                         |                                          | (ii) Thailand                                  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from hippeastrum mosaic virus                                                                        | Nil                                                                                                                                                                                              |
|     |                                         |                                          | (iii) Any country except Netherlands, Thailand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                           | Nil                                                                                                                                                                                              |
|     |                                         | (ii) Bulbs for propagation purpose       | Netherlands                                    | Free from:<br>(a) <i>Opogona sacchari</i> (Banana moth)<br>(b) <i>Pectobacterium rhaipontici</i> (rhaipontici crown rot)                                                                                  | (i) Post –entry quarantine for one growth season<br>(ii) Free from soil                                                                                                                          |
| 46. | <i>Anacardium</i> spp. (Cashew)         | Grafts/ budwoods/ plants for propagation | Brazil                                         | Free from:<br>(a) <i>Aleurodicus cocoas</i> (whitefly)<br>(b) <i>Bemisia tabaci</i> (whitefly)<br>(c) <i>Selenaspidus articulatus</i> (red scale)                                                         | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research |



|     |                                       |                                      |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                  |
|-----|---------------------------------------|--------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 47. | <i>Ananas comosus</i><br>(Pine apple) | (i) Plants (suckers) for propagation | (i) USA          | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Hercinothrips femoralis</i> (banded greenhouse thrips)<br>(c) <i>Opogona sacchari</i> (banana moth)<br>(d) <i>Protaetia fusca</i> (mango flower beetle)<br>(e) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(f) <i>Pyroderces rileyi</i> (corn, worm, pink)<br>(g) <i>Thecla basilides</i> (fruit-borer ceterpillar)<br>(h) <i>Unaspis citri</i> (citrus snow scale)                                                             | (i) Commercial imports permitted subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Post-entry quarantine growing for a period of 45 days.                          |
|     |                                       |                                      | (ii) Europe      | Free from:<br><i>Opogona sacchari</i> (banana moth)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                  |
|     |                                       |                                      | (iii) Mexico     | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Diaspis boisduvalii</i> (scale)<br>(c) <i>Euetheola bidentata</i><br>(d) <i>Metamasius hemipterus</i> (cane weevil)<br>(e) <i>Paracoccus marginatus</i> (mealybug)<br>(f) <i>Phenacoccus madeirensis</i><br>(g) <i>Pseudococcus jackbeardsleyi</i><br>(h) <i>Rhizoecus americanus</i><br>(i) <i>Rhynchophorus palmarum</i><br>(j) <i>Thecla basilides</i> (fruit-borer)<br>(k) <i>Tmolus echion</i><br>(l) <i>Unaspis citri</i> (citrus snow scale) | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 3-4 month except for research |
|     |                                       |                                      | (iv) Philippines | Free from:<br>(a) <i>Exomala orientalis</i> (oriental beetle)<br>(b) <i>Metamasius hemipterus</i> (cane weevil)<br>(c) <i>Acetobacter aceti</i><br>(d) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(e) <i>Pseudomonas ananas</i> (leaf spot)                                                                                                                                                                                                                                                       | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 3-4 month except for research |
|     |                                       |                                      | (v) Thailand     | Free from:<br>(a) <i>Dysmicoccus neobrevipes</i> (pineapple mealybug)<br>(b) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(c) <i>Pyrodersus rileyi</i> (pink worm)                                                                                                                                                                                                                                                                                                                                  | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 3-4 month except for research |

|     |                         |                                      |                                                                       |                                                                                                                       |                                                                                                                                                                                                  |
|-----|-------------------------|--------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                         |                                      | (vi) Sri Lanka                                                        | Free from:<br>(a) <i>Hoplolaimus pararobustus</i> (lance nematode)<br>(b) <i>Xiphinema ifacolum</i> (dagger nematode) | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 3-4 month except for research |
|     |                         | (ii) Tissue cultured plants          | Any Country                                                           | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from viruses.         | Commercial imports permitted subject to prior approval of Department of Agriculture and Cooperation.                                                                                             |
| 48. | <i>Anarthria</i> spp.   | Tissue culture plants                | Australia                                                             | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus    | Nil                                                                                                                                                                                              |
| 49. | <i>Anchusa</i> spp.     | Seeds for sowing                     | Europe                                                                | Nil                                                                                                                   | Freedom from quarantine weeds seeds.                                                                                                                                                             |
| 50. | <i>Anemone</i> spp.     | (i) Seeds for sowing                 | Europe                                                                | Free from tobacco rattle virus (spraying of potato)                                                                   | (i) Freedom from soil and quarantine weed seeds.<br>(ii) Crop inspection and certification for freedom from tobacco rattle virus.                                                                |
|     |                         | (ii) Tissue culture plants           | (i) Israel                                                            | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus    | Nil                                                                                                                                                                                              |
| 51. | <i>Anigozanthos</i> sp. | (i) Plants for propagation           | (i) Australia,<br>(ii) Germany<br>(iii) The Netherlands               | Nil                                                                                                                   | Freedom from soil.                                                                                                                                                                               |
|     |                         | (ii) Tissue cultured plants          | (i) Australia,<br>(ii) Germany<br>(iii) The Netherlands<br>(iv) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus       | Nil                                                                                                                                                                                              |
|     |                         | (iii) Plants/cutting for propagation | Italy                                                                 | Nil                                                                                                                   | (i) Post-entry quarantine growing for a period of 10 months.<br>(ii) Free from soil.                                                                                                             |

|     |                                      |                                                      |                                   |                                                                                                                                      |                                                                                                                                                                                                |
|-----|--------------------------------------|------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 52. | <i>Annona</i> sp. (Sugarapple)       | Grafts/ budwoods/ plants for propagation             | (i) Sri Lanka                     | Nil                                                                                                                                  | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6 month except for research |
|     |                                      |                                                      | (ii) Mexico                       | Free from:<br>(a) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(b) <i>Paracoccus marginatus</i> (papaya mealybug) |                                                                                                                                                                                                |
| 53. | <i>Annona cherimola</i> (Cherimoyer) | Grafts/ budwoods/ plants for propagation             | Australia                         | Free from <i>Aleurodicus destructor</i> (coconut whitefly)                                                                           | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6 month except for research |
| 54. | <i>Anogeissus leiocarpus</i>         | Dry plant material for medicinal/ processing purpose | Costa Rica, Senegal, Burkano Faso | Nil                                                                                                                                  | Free from quarantine weeds seeds and soil                                                                                                                                                      |
| 55. | <i>Anthium graveolens</i> (Dill)     | (i) Seeds for sowing                                 | (i) Denmark                       | Nil                                                                                                                                  | Nil                                                                                                                                                                                            |
|     |                                      |                                                      | (ii) France                       | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                           | Free from quarantine weed seeds.                                                                                                                                                               |
|     |                                      | (ii) Seeds for consumption                           | Egypt                             | Nil                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                               |
|     |                                      | (iii) Stalk (dried) for consumption                  | Any conuntry                      | Nil                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                               |
| 56. | <i>Anthriscus</i> spp.               | Seeds for sowing                                     | (i) Denmark                       | Nil                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                               |
|     |                                      |                                                      | (ii) France                       | Nil                                                                                                                                  | Free from quarantine weed seeds and soil contamination.                                                                                                                                        |

|     |                                                                                                                                                                                                         |                                    |                                                              |                                                                                                                                                                                   |                                                   |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 57. | <i>Anthurium</i> spp. and other aroids ( <i>Anthurium</i> , <i>Dieffenbachia</i> , <i>Caladium</i> , <i>Synгонium</i> , <i>Aglaonema</i> , <i>Spathiphyllum</i> , <i>Monstera</i> <i>Phylodendron</i> ) | (i) Cuttings/saplings for planting | Any Country                                                  | Free from Bacterial blight ( <i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i> )                                                                                            | Post-entry quarantine for a period of 45-60 days. |
|     |                                                                                                                                                                                                         | (ii) Cut flowers                   | Any Country                                                  | Free from Bacterial blight ( <i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i> )                                                                                            | Nil                                               |
|     |                                                                                                                                                                                                         | (iii) Tissue cultured plants       | Any Country                                                  | Certified that the tissue cultured plants produced from stock tested and maintained virus-free.                                                                                   | Nil                                               |
|     | (i) <i>Philodendron</i> spp.                                                                                                                                                                            | Tissue cultured plants             | (i) Egypt                                                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                   | Nil                                               |
|     |                                                                                                                                                                                                         |                                    | (ii) Japan                                                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from konjak mosaic virus                                                     | Nil                                               |
|     |                                                                                                                                                                                                         |                                    | (iii) Denmark                                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco necrosis virus                                                  | Nil                                               |
|     |                                                                                                                                                                                                         |                                    | (iv) Czech Republic                                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from impatiens necrotic spot tospovirus                                      | Nil                                               |
|     |                                                                                                                                                                                                         |                                    | (v) Any country except Czech Republic, Denmark, Japan, Egypt | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                   | Nil                                               |
|     | (ii) <i>Spathiphyllum</i> spp.                                                                                                                                                                          | Tissue cultured plants             | (i) Slovenia                                                 | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tomato spotted wilt virus<br>(b) Impatiens necrotic spot virus | Nil                                               |
|     |                                                                                                                                                                                                         |                                    | (ii) Italy<br>(iii) Czech Republic                           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from impatiens necrotic spot virus                                           | Nil                                               |
|     |                                                                                                                                                                                                         |                                    | (iv) Any country except Italy, Czech Republic, Slovenia      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                   | Nil                                               |
|     | (iii) <i>Synгонium</i> spp.                                                                                                                                                                             | Tissue cultured plants             | (i) USA<br>(ii) Europe                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Impatiens necrotic spot virus<br>(b) Tomato spotted wilt virus   | Nil                                               |

|     |                                        |                                  |                                      |                                                                                                                                                                                                                 |                                                                                                                                                                                          |
|-----|----------------------------------------|----------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                        |                                  | (iii) Any country except USA, Europe | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                 | Nil                                                                                                                                                                                      |
| 58. | <i>Antidesma buniis</i> (Bignay)       | Plants/ cuttings for propagation | Israel                               | Nil                                                                                                                                                                                                             | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months. |
| 59. | <b><i>Antirrhinum spp.</i></b>         | Seeds for sowing                 | (vi) Japan                           | Nil                                                                                                                                                                                                             | Free from quarantine weed seeds and soil.                                                                                                                                                |
|     | <i>Antirrhinum majus</i> (Antirrhinum) | Seeds for sowing                 | (i) Australia                        | Free from:<br>(a) <i>Colletotrichum antirrhini</i> (Anthracnose)<br>(b) <i>Puccinia antirrhini</i> (Rust)                                                                                                       | Free from quarantine weed seeds.                                                                                                                                                         |
|     |                                        |                                  | (ii) Europe (except UK)              | Free from <i>Colletotrichum antirrhini</i> (Anthracnose)                                                                                                                                                        | Free from quarantine weed seeds.                                                                                                                                                         |
|     |                                        |                                  | (iii) Guatemala                      | Nil                                                                                                                                                                                                             | Free from quarantine weed seeds.                                                                                                                                                         |
|     |                                        |                                  | (iv) U.K.                            | Free from:<br>(a) <i>Heteropatella antirrhini</i> (Leaf spot)<br>(b) <i>Phyllosticta antirrhini</i> (Stem root)<br>(c) <i>Pseudomonas ananas</i> (Bacterial leaf spot).                                         | Free from quarantine weed seeds.                                                                                                                                                         |
|     |                                        |                                  | (v) USA                              | Free from :<br>(a) <i>Colletotrichum antirrhini</i> (Anthracnose)<br>(b) <i>Heteropatella antirrhini</i> (Leaf spot)<br>(c) <i>Phyllosticta antirrhini</i> (Stem root)<br>(d) <i>Puccinia antirrhini</i> (Rust) | Free from quarantine weed seeds.                                                                                                                                                         |
| 60. | <i>Anubias barteri</i>                 | (i) Plants for propagation       | Thailand                             | Nil                                                                                                                                                                                                             | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 60 days.                                                                                        |
|     |                                        | (ii) Tissue culture plants       | Thailand                             | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                             | Nil                                                                                                                                                                                      |
| 61. | <i>Aphelandra squarrosa</i>            | Plants for propagation           | USA                                  | Free From <i>Phytonemus pallidus</i> (strawberry mite)                                                                                                                                                          | Post-entry quarantine growing for a period of 45 days.                                                                                                                                   |

|     |                                  |                           |                |                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |
|-----|----------------------------------|---------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 62. | <i>Apium graveolens</i> (Celery) | (i) Seeds for consumption | Any country    | Nil                                                                                                                                                                                                                                                                                                                                                                | Free from soil and quarantine weed seeds                                                                                                                                                            |
|     |                                  | (ii) Seeds for sowing     | (i) Denmark    | Free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                                                                                                                                                      | (i) Free from soil contamination<br>(ii) Seed crop inspection and certification for free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode) by a competent authority at the country of origin |
|     |                                  |                           | (ii) France    | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)<br>(c) Arabis mosaic virus<br>(d) Peanut stunt virus<br>(e) Strawberry latent ringspot virus                                                                                                                         | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for free from Arabis mosaic virus, Peanut stunt virus and Strawberry latent ringspot virus                           |
|     |                                  |                           | (iii) Italy    | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Sclerotinia minor</i> (Sclerotinia disease of lettuce)<br>(c) <i>Pseudomonas viridiflava</i><br>(d) Arabis mosaic virus<br>(e) Celery latent virus<br>(f) Celery mosaic virus<br>(g) Chicory yellow mottle virus<br>(h) Peanut stunt virus<br>(i) Strawberry latent ringspot virus | (i) Free from soil contamination<br>(ii) Seed crop inspection and certification for free from (d) to (i) by a competent authority at the country of origin                                          |
|     |                                  |                           | (iv) Japan     | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Pseudomonas viridiflava</i><br>(c) Arabis mosaic virus<br>(d) Celery mosaic virus<br>(e) Peanut stunt virus                                                                                                                                                                        | (i) Free from soil contamination<br>(ii) Seed crop inspection and certification for free from (c) to (e) by a competent authority at the country of origin                                          |
|     |                                  |                           | (v) Korea DPR  | free from Peanut stunt virus                                                                                                                                                                                                                                                                                                                                       | Seed crop inspection and certification for free from Peanut stunt virus by a competent authority at the country of origin                                                                           |
|     |                                  |                           | (vi) Korea ROK | Free from:<br>(a) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)<br>(b) Peanut stunt virus                                                                                                                                                                                                                                                       | Seed crop inspection and certification for (b)                                                                                                                                                      |

|     |                                               |                                                    |                                                    |                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                            |
|-----|-----------------------------------------------|----------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                               |                                                    | (vii) Netherlands                                  | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Pseudomonas viridiflava</i><br>(c) Arabis mosaic virus<br>(e) Celery latent virus<br>(e) Strawberry latent ringspot virus                                                                                                                                                                            | (i) Free from soil contamination<br>(ii) Seed crop inspection and certification for Free from (c) to (e) by a competent authority at the country of origin |
|     |                                               |                                                    | (viii) Thailand                                    | Nil                                                                                                                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                           |
|     |                                               |                                                    | (ix) USA                                           | Free from :<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Cercospora apii</i> (Cercospora blight)<br>(c) <i>Fusarium oxysporum f.sp. apii</i> (basal rot)<br>(d) <i>Sclerotinia minor</i> (Sclerotinia disease of lettuce)<br>(e) <i>Pseudomonas viridiflava</i><br>(f) Arabis mosaic virus<br>(g) Peanut stunt virus<br>(h) Strawberry latent ringspot virus | 1) Free from soil contamination<br>(2) Seed crop inspection and certification for free from (f) to (h) by a competent authority at the country of origin   |
| 63. | <i>Aralia</i> spp. (Aralia)                   | Plants for propagation                             | Asia                                               | Nil                                                                                                                                                                                                                                                                                                                                                                                  | Post entry quarantine growing for 45 days period.                                                                                                          |
| 64. | <i>Arabidopsis thaliana</i>                   | (i) Seeds for sowing/<br>Seedlings for propagation | USA                                                | Nil                                                                                                                                                                                                                                                                                                                                                                                  | Freedom from soil and quarantine weed seeds                                                                                                                |
| 65. | <i>Araucaria</i> spp. Christmas Tree)         | Seeds for sowing                                   | (i) USA<br>(ii) South Africa                       | Nil                                                                                                                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                           |
| 66. | <i>Archonthisphoenix</i> spp.                 | (i) Seeds for sowing                               | Any Country                                        | Nil                                                                                                                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                           |
|     |                                               | (ii) Plants for propagation                        | Any country                                        | Nil                                                                                                                                                                                                                                                                                                                                                                                  | (i) Free from soil<br>(ii) Post-entry quarantine growing for a period of 10-12 months                                                                      |
| 67. | <i>Arctostaphylos</i> (Chimaphilla umbellata) | Seeds for sowing                                   | (i) Europe<br>(ii) USA<br>(ii) Canada              | Nil                                                                                                                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds and soil contamination.                                                                                                    |
| 68. | <i>Areca</i> spp.                             | (i) Seeds for sowing                               | Any country (Except Philippines and Soloman Island | Free from cadang – cadang viroid                                                                                                                                                                                                                                                                                                                                                     | Free from quarantine weeds seeds.                                                                                                                          |

|     |                                         |                             |                                                                                                 |                                                                                                                                                                                                                         |                                                                                                                                                                                           |
|-----|-----------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                         | (ii) Plants for propagation | Any country (Except from Africa, America, Philippines, Caribbean, and Solomon Island countries) | Free from:-<br>(i) Coconut cadang -cadang viroid<br>(ii) Palm lethal yellowing phytoplasma<br>(iii) <i>Rhabdoscelus obscurus</i> (Sugarcane weevilborer)                                                                | (i) Free from soil.<br>(ii) Post-entry quarantine growing for a period of 10-12 months.                                                                                                   |
| 69. | <i>Arenga spp.</i>                      | (i) Seeds for sowing        | Any country (Except Philippines and Solomon Island)                                             | Free from cadang – cadang viroid                                                                                                                                                                                        | Free from quarantine weeds seeds.                                                                                                                                                         |
|     |                                         | (ii) Plants for propagation | Any country (Except Philippines and Solomon Island)                                             | Free from:-<br>(i) <i>Artona catoxantha</i> (coconut leaf moth)<br>(ii) Coconut cadang – cadang viroid<br>(iii) <i>Rhynchophorus vulneratus</i> (Asiatic palm weevil)<br>(iv) <i>Darna diducta</i> (nettle caterpillar) | (i) Free from soil.<br>(ii) Post-entry quarantine growing for a period of 10-12 months.                                                                                                   |
| 70. | <i>Armoracia rusticana</i> (Nasturtium) | Seeds for sowing            | USA                                                                                             | Nil                                                                                                                                                                                                                     | Free from quarantine weed seeds.                                                                                                                                                          |
| 71. | <i>Artemisia spp.</i>                   | Plants for propagation      | Israel                                                                                          | Nil                                                                                                                                                                                                                     | Post entry quarantine for a period of 45 days.                                                                                                                                            |
| 72. | <i>Artemisia annua</i>                  | Seeds for sowing            | (i) USA<br>(ii) Europe (iii) Africa                                                             | Free from:<br>(a) <i>Sclerotinia minor</i> (Sclerotinia disease)<br>(b) Tobacco rattle virus (Spraying of potato)                                                                                                       | (i) Freedom from quarantine weeds seeds.<br>(ii) Crop inspection and certification for freedom from tobacco rattle virus.                                                                 |
| 73. | <i>Artemisia dracunculus</i>            | Tissue culture plants       | Canada                                                                                          | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                                     | Nil                                                                                                                                                                                       |
| 74. | <i>Artocarpus spp.</i>                  | (i) Plants for propagation  | Thailand                                                                                        | Free from <i>Coptotermes curvignathus</i> (rubber termite)                                                                                                                                                              | (i) Post-entry quarantine growing for a period of 10-12 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
| 75. | <i>Arundo donax</i>                     | Tissue culture plants       | Australia                                                                                       | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                                     | Nil                                                                                                                                                                                       |



|     |                                             |                                      |                                    |                                                                                                                |                                                                                                                                                                                                      |
|-----|---------------------------------------------|--------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 76. | <i>Asimina triloba</i><br>(Paw paw)         | (i) Rooted plants for propagation    | USA                                | Free from <i>Orgyia leucostigma</i> (tussock moth)                                                             | (i) Freedom from soil.<br>(ii) Post-entry quarantine growing for a period of 2-3 months except for research.                                                                                         |
|     |                                             | (ii) Plants/cuttings for propagation | Israel                             | Nil                                                                                                            | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.             |
| 77. | <i>Asparagus officinalis</i><br>(Asparagus) | (i) Seeds for sowing                 | (i) Denmark                        | Free from:<br>(a) Arabis mosaic virus<br>(b) Asparagus virus-2                                                 | (i) Free from soil contamination<br>(ii) Seed crop inspection and certification for free from (a) and (b) by a competent authority at the country of origin                                          |
|     |                                             |                                      | (ii) Japan                         | Free from:<br>(a) <i>Phytophthora cryptogea</i> (foot rot)<br>(b) Arabis mosaic virus<br>(c) Asparagus virus-1 | (i) Free from soil contamination<br>(ii) Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin                                          |
|     |                                             |                                      | (iii) USA<br>(iv) Russia           | Nil                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                     |
|     |                                             |                                      | (v) The Netherlands<br>(vi) France | Free from:<br>(a) Arabis mosaic virus<br>(b) Strawberry latent ring spot virus                                 | (i) Free from quarantine weed seeds<br>(ii) Free from soil contamination<br>(iii) Seed crop inspection and certification for free from (a) and (b) by a competent authority at the country of origin |

|  |  |                             |                                          |                                                                                                                                                                                                          |                                                                                                                                                                                                                 |
|--|--|-----------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                             | (vii) UK<br>(viii) Italy<br>(ix) Germany | Free from:<br>(a) <i>Arabid mosaic virus</i><br>(b) <i>Strawberry latent ringspot virus</i><br>(c) <i>Asparagus virus 1</i><br>(d) <i>Asparagus virus 2</i>                                              | (i) Free from quarantine weeds seeds<br>(ii) Free from soil contamination<br>(iii) Seed crop inspection and certification for free from (a), (b), (c) and (d) by a competent authority at the country of origin |
|  |  |                             | (x) Spain                                | Free from:<br>(a) <i>Strawberry latent ringspot virus</i><br>(b) <i>Acremonium strictum</i>                                                                                                              | (i) Free from quarantine weeds seeds<br>(ii) Free from soil contamination<br>(iii) Seed crop inspection and certification free from (a) by a competent authority at the country of origin.                      |
|  |  | (ii) Plants for propagation | (i) Asia (except Japan)                  | Nil                                                                                                                                                                                                      | Post-entry quarantine for a period of 45 days.                                                                                                                                                                  |
|  |  |                             | (ii) Japan                               | Free from :<br>(a) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(b) <i>Rhizobium rhizogenes</i> (bacterial gall)<br>(c) <i>Arabid mosaic virus</i> (hop bare-bine)<br>(d) <i>Asparagus virus 1</i> | Post-entry quarantine for a period of 45 days.                                                                                                                                                                  |
|  |  |                             |                                          |                                                                                                                                                                                                          |                                                                                                                                                                                                                 |

|     |                                            |                                  |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                   |
|-----|--------------------------------------------|----------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                            |                                  | (iii) USA                       | Free from :<br>(a) <i>Chrysodeixis includens</i> (Soybean looper)<br>(b) <i>Frankliniella tritici</i> (Eastern flower thrips)<br>(c) <i>Lygus lineolaris</i> (Tarnished plant bug)<br>(d) <i>Peridroma saucia</i> (Pearly underwing moth)<br>(e) <i>Spodoptera frugiperda</i> (Fall armyworm)<br>(f) <i>Acremonium strictum</i> (Black bundle disease: maize)<br>(g) <i>Cercospora asparagi</i> (leaf spot: Asparagus spp.)<br>(h) <i>Fusarium oxysporum f.sp. asparagi</i> (Foot rot: Asparagus spp.)<br>(i) <i>Fusarium proliferatum</i><br>(j) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(k) <i>Pleospora herbarum</i> (leaf blight of onion)<br>(l) <i>Pyrenochaeta terrestris</i> (Pink root of onion)<br>(m) <i>Rhizobium rhizogenes</i> (Bacterial gall)<br>(n) Asparagus virus 1<br>(o) Asparagus virus 2<br>(p) Strawberry latent ringspot virus | Post-entry quarantine for a period of 45 days.                                                                                                                                                                    |
|     |                                            | (iii) Vegetables for consumption | (i) Thailand                    | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Nil                                                                                                                                                                                                               |
|     |                                            |                                  | (ii) Peru                       | Free from :<br>(a) <i>Chrysodeixis includens</i> (Soybean looper)<br>(b) <i>Peridroma saucia</i> (Pearly underwing moth)<br>(c) <i>Spodoptera frugiperda</i> (Fall armyworm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (a) Free from soil and other plant debris.<br><br>(b) Fumigation with Methyl bromide @ 32 g/ m <sup>3</sup> for 2 hrs at 21 °C and above under NAP and the treatment to be endorsed on Phytosanitary Certificate. |
|     |                                            |                                  | (iii) Sri Lanka                 | Free from :<br>(a) <i>Peridroma saucia</i> (Pearly underwing moth)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                   |
| 78. | <i>Asparagus racemosus</i> (satavari pili) | Roots for medicinal purpose      | China                           | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Free from quarantine weeds seeds and soil                                                                                                                                                                         |
| 79. | <i>Astelia</i> spp.                        | Tissue cultured plants           | Any Country                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Nil                                                                                                                                                                                                               |
| 80. | <i>Astilbe</i> spp.                        | Tissue cultured plants           | (i) Finland                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from strawberry ring spot virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Nil                                                                                                                                                                                                               |
|     |                                            |                                  | (ii) Any country except Finland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Nil                                                                                                                                                                                                               |

|     |                           |                                  |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                   |
|-----|---------------------------|----------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                           | Seeds for sowing                 | Europe        | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Freedom from quarantine weeds seeds.                                                                                                                                                                                                                                                                                                                              |
| 81. | <i>Avena sativa</i> (Oat) | (i) Grain (seed) for consumption | (i) Australia | Free from:<br>(a) <i>Cryptolestes ferrugineus</i> (rusty grain beetle)<br>(b) <i>Trogoderma variabile</i> (grain dermestid)<br>(c) <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth)<br>(d) <i>Ceratobasidium cereale</i> (sharp eye spot of cereals)<br>(e) <i>Fusarium culmorum</i> (culm rot: cereals)<br>(f) <i>Monographella nivalis</i> (foot rot: cereals)                                                                                                                                                                                                                          | (i) Fumigation with Methyl bromide at 80 g per cubic metre for 48 hrs at 21 C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.<br>(ii) Free from soil and quarantine weed seeds. |
|     |                           |                                  | (ii) Ukraine  | Free from:<br>(a) <i>Cephuspygmeus</i> (European wheat stem sawfly)<br>(b) <i>Diuraphis noxia</i> (Russian wheat aphid)<br>(c) <i>Eurygasterintegriceps</i> (sunn pest)<br>(d) <i>Haplothrips tritici</i> (wheat thrips)<br>(e) <i>Ostrinia nubilalis</i> (European maize borer)<br>(f) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(g) <i>Monographella nivalis</i> (foot rot of cereals)<br>(h) <i>Pseudomonassyringae pv.atrofaciens</i> (basal: wheat glume rot)<br>(i) Barley stripe mosaic virus (stripe mosaic of barley)<br>(j) Wheat streak mosaic virus (wheat viruses 6 and 7) |                                                                                                                                                                                                                                                                                                                                                                   |

|  |  |  |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                              |
|--|--|--|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (iii) Canada | <p>Free from:</p> <p>(a) <i>Ahasverus advena</i>(foreign grain beetle)<br/> (b) <i>Cryptolestes ferrugineus</i>(rusty grain beetle)<br/> (c) <i>Diuraphis noxia</i> (Russian wheat aphid)<br/> (d) <i>Limothrips cerealium</i>(corn, thrips)<br/> (e) <i>Limothrips denticornis</i>(barley thrips)<br/> (f) <i>Ostrinia nubilalis</i> (European maize borer)<br/> (g) <i>Peridroma saucia</i> (pearly underwing moth)<br/> (h) <i>Trogoderma variabile</i> (grain dermestid)<br/> (i) <i>Tarsonemus granarius</i> (glossy grain mite)<br/> (j) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br/> (k) <i>Ceratobasidium cereale</i> (sharp eyespot of cereals)<br/> (l) <i>Claviceps purpurea</i> (ergot)<br/> (m) <i>Monographella nivalis</i> (foot rot of cereals)<br/> (n) <i>Pseudomonassyringae pv.atrofaciens</i> (basal: wheat glume rot)<br/> (o) <i>Pseudomonassyringae pv. atropurpurea</i><br/> (p) <i>Pseudomonassyringae pv. coronafaciens</i><br/> (q) <i>Pseudomonassyringae pv.striafaciens</i><br/> (r) Barley stripe mosaic virus(stripe mosaic of barley)<br/> (s) Oat blue dwarf marafivirus<br/> (t) Wheat streak mosaic virus (wheat viruses 6 and 7)<br/> (u) <i>Ambrosia psilostachya</i> (perennial ragweed)</p> | <p>(i) Fumigation with Methyl bromide at 80 g per cubic metre for 48 hrs at 21 C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.</p> <p>(ii) Free from soil and quarantine weed seeds.</p> |
|  |  |  | (iv) UK      | <p>Free from:</p> <p>(a) <i>Ahasverus advena</i> (foreign grain beetle)<br/> (b) <i>Cryptolestes ferrugineus</i>(rusty grain beetle)<br/> (c) <i>Diuraphis noxia</i> (Russian wheat aphid)<br/> (d) <i>Limothrips denticornis</i>(barley thrips)<br/> (e) <i>Ostrinia nubilalis</i> (European maize borer)<br/> (f) <i>Peridroma saucia</i> (pearly underwing moth)<br/> (g) <i>Trogoderma variabile</i> (grain dermestid)<br/> (h) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br/> (i) <i>Ceratobasidium cereale</i> (sharp eyespot of cereals)<br/> (l) <i>Claviceps purpurea</i> (ergot)<br/> (m) <i>Monographella nivalis</i> (foot rot of cereals)<br/> (n) <i>Pseudomonassyringae pv.atrofaciens</i> (basal: wheat glume rot)<br/> (o) <i>Pseudomonassyringae pv.coronafaciens</i> (halo blight)</p>                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>(i) Fumigation with Methyl bromide at 80 g per cubic metre for 48 hrs at 21 C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.</p> <p>(ii) Free from soil and quarantine weed seeds.</p> |

|  |                       |         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                   |
|--|-----------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                       |         | (v) Chile                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Free from:<br>(a) <i>Limothripscerealium</i> (corn, thrips)<br>(b) <i>Listronotusbonariensis</i> (Argentine stem weevil)<br>(c) <i>Peridroma saucia</i> (pearly underwing moth)<br>(d) <i>Ditylenchusdipsaci</i> (stem and bulb nematode)<br>(e) <i>Ceratobasidium cereale</i> (sharp eyespot of cereals)<br>(f) <i>Clavicepspurpurea</i> (ergot)<br>(g) <i>Pseudomonasfuscovaginae</i> (sheath brown rot)<br>(h) <i>Pseudomonassyringae</i> pv. <i>coronafaciens</i> (halo blight)<br>(i) Barley stripe mosaic virus (stripe mosaic of barley) | (i) Fumigation with Methyl bromide at 80 g per cubic metre for 48 hrs at 21 C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.<br>(ii) Free from soil and quarantine weed seeds. |
|  | (ii) Seeds for sowing | (i) USA | Free from:<br>(a) <i>Acarus siro</i> (flour mite)<br>(b) <i>Ahasverus advena</i> (grain beetle)<br>(c) <i>Cryptolestes ferrugineus</i><br>(d) <i>Trogoderma variabile</i><br>(e) <i>Ditylenchus dipsaci</i><br>(f) <i>Ceratobasidium cereale</i><br>(g) <i>Monographella nivalis</i><br>(h) <i>Phaeosphaeria avenaria</i> f.sp. <i>avenaria</i> (leaf spot of oats)<br>(i) <i>Pseudomonas syringae</i> pv. <i>atrofaciens</i> (wheat glume rot)<br>(j) <i>Pseudomonas syringae</i> pv. <i>atropurpurea</i><br>(k) <i>Pseudomonas syringae</i> pv. <i>coronafaciens</i><br>(l) <i>Pseudomonas syringae</i> pv. <i>striafacians</i><br>(m) <i>Barley stripe mosaic virus</i><br>(n) <i>High plains virus</i><br>(o) <i>Wheat streak mosaic virus</i> | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 2-3 month<br>(iv) Crop inspection and certification for freedom from viruses                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                   |

|  |  |  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--|--|--|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (ii) Italy     | Free from<br>(a) <i>Aploneura lentisci</i><br>(b) <i>Cryptolestes ferrugineus</i><br>(c) <i>Penthaleus major</i> (blue oat mite)<br>(d) <i>Ditylenchus dipsaci</i><br>(e) <i>Ceratobasidium cereale</i><br>(f) <i>Monographella nivalis</i><br>(g) <i>Pseudomonas syringae</i> pv. <i>atrofaciens</i> (basal:wheat)<br>(h) <i>Wheat streak mosaic virus</i>                                                                                                                                                                                                                                                                               | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 2-3 month<br>(iv) Crop inspection and certification for freedom from viruses                                                                                                                                                                                                                        |
|  |  |  | (iii) Pakistan | Free from:<br>(a) <i>Eurygaster integriceps</i> (sunn pest)<br>(b) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(c) <i>Acremonium strictum</i> (acremonium wilt)<br>(d) <i>Monographella nivalis</i> (foot rot of cereals)<br>(e) <i>Xanthomonas translucens</i> pv. <i>translucens</i> (bacterial leaf streak)<br>(f) Barley stripe mosaic virus (stripe mosaic of barley)                                                                                                                                                                                                                                                     | (i) Freedom from quarantine weed seeds and soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 2-3 month<br>(iv) Crop inspection and certification for freedom from ( <i>Ditylenchus dipsaci</i> (stem and bulb nematode),<br>(e) <i>Xanthomonas translucens</i> pv. <i>translucens</i> (bacterial leaf streak) and (f) Barley stripe mosaic virus (stripe mosaic of barley) |
|  |  |  | (iv) Brazil    | Free from:<br>(a) <i>Ahasverus advena</i> (grain beetle)<br>(b) <i>Listronotus bonariensis</i> (Argentine stem weevil)<br>(c) <i>Ditylenchus dipsaci</i><br>(d) <i>Claviceps purpurea</i> (ergot)<br>(e) <i>Pseudomonas fuscovaginae</i> (sheath brown rot)<br>(f) <i>High plains virus</i><br>(g) <i>Barley stripe mosaic virus</i><br>(h) <i>Anthemis cotula</i> (dog fennel)<br>(i) <i>Galium aparine</i> (Cleavers)<br>(j) <i>Lolium multiflorum</i> (Italian ryegrass)<br>(k) <i>Polygonum lapathifolium</i> (pale persicaria)<br>(l) <i>Raphanus raphanistrum</i> (wild radish)<br>(m) <i>Veronica persica</i> (creeping soeedwell) | i) Freedom from quarantine weed seeds and soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 2-3 months<br>(iv) Crop inspection and certification for freedom from <i>Ditylenchus dipsaci</i> (stem and bulb nematode) and Barley stripe mosaic virus (stripe mosaic of barley).                                                                                            |

|     |                                       |                                    |                 |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                      |
|-----|---------------------------------------|------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 82. | <i>Bambusa</i> spp. (Bamboo)          | (i) Seeds for sowing               | (i) China       | Nil                                                                                                                                                                | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                     |
|     |                                       |                                    | (ii) Thailand   | Free from:<br>(a) <i>Beltrania</i> sp.<br>(b) <i>Cladosporium geniculata</i><br>(c) <i>Graphium</i> sp.<br>(d) <i>Nodulisporium</i> sp.<br>(e) <i>Rhizopus</i> sp. | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                     |
|     |                                       | (ii) Stem-cuttings for propagation | (i) Philippines | Free from :<br>(a) <i>Bostrychopsis parallela</i><br>(b) <i>Chlorophorus annularis</i><br>(c) Bamboo mosaic virus                                                  | Post entry quarantine for a period of 6 months.                                                                                                                                                                                                                                                                      |
|     |                                       |                                    | (ii) USA        | Free from:<br>(a) <i>Opogona sacchari</i> (banana moth)<br>(b) <i>Hoplolaimus galeatus</i><br>(c) Bamboo mosaic virus                                              | Post entry quarantine for a period of 6 months.                                                                                                                                                                                                                                                                      |
|     |                                       |                                    | (iii) Europe    | Free from:<br><i>Opogona sacchari</i> (banana moth)                                                                                                                | Post entry quarantine for a period of 6 months.                                                                                                                                                                                                                                                                      |
|     |                                       | (iii) Tissue cultured plants       | Any Country     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from viruses.                                                 | Nil                                                                                                                                                                                                                                                                                                                  |
| 83. | <i>Bambusa bambos</i>                 | Wood without bark                  | Indonesia       | Nil                                                                                                                                                                | Fumigation with Methyl bromide at 48g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/reexport. |
| 84. | <i>Basella</i> spp. (Malabar spinach) | Seeds for sowing                   | Japan           | Nil                                                                                                                                                                | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                     |
| 85. | <i>Baumea</i> spp.                    | Tissue culture plants              | Australia       | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus                                                 | Nil                                                                                                                                                                                                                                                                                                                  |



|     |                                      |                               |                                                                                                    |                                                                                                                                 |                                                                                                                                                                                                                   |
|-----|--------------------------------------|-------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 86. | <i>Begonia</i> spp. (Begonia)        | (i) Seeds for sowing          | (i) Europe<br>(ii) Japan<br>(iii) North America                                                    | Free from <i>Ditylenchus dipsaci</i> (Brown ring disease of hyacinth)                                                           | Free from quarantine weed seeds.                                                                                                                                                                                  |
|     |                                      |                               | (v) Guatemala                                                                                      | Free from <i>Pseudococcus jackbeardsleyi</i> (Jack beardsley mealy bug)                                                         | Free from quarantine weed seeds and soil.                                                                                                                                                                         |
|     |                                      |                               | (vi) UK<br>(vii) Italy<br>(viii) Germany                                                           | Free from:-<br>(a) Arabic moaic virus<br>(b) Strawberry latent ringspot virus<br>(c) Asparagus virus 1<br>(d) Asparagus virus 2 | (i) Free from quarantine weed seeds.<br>(ii) Free from soil contamination.<br>(iii) Seed crop inspection and certification for free from (a), (b), (c) and (d) by a competent authority at the country of origin. |
|     |                                      |                               | (ix) Spain                                                                                         | Free from:-<br>(a) Strawberry latent ringspot virus<br>(b) <i>Acremonium strictum</i>                                           | (i) Free from quarantine weed seeds.<br>(ii) Free from soil contamination.<br>(iii) Seed crop inspection and certification for free from (a) by a competent authority at the country of origin.                   |
|     |                                      |                               | (x) Australia                                                                                      | Free from <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth)                                                           | Freedom from quarantine weeds seeds.                                                                                                                                                                              |
|     |                                      | (ii) Tissue culture Plants    | (i) Australia<br>(ii) Coasta Rica                                                                  | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.             | Nil                                                                                                                                                                                                               |
| 87. | <i>Bellis</i> spp. (Bellis)          | Seeds for sowing              | (i) Europe<br>(ii) Canada<br>(iii) Japan<br>(iv) South Africa<br>(v) Australia<br>(vi) New Zealand | Free from Arabis mosaic virus                                                                                                   | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from arabis mosaic virus.                                                                                                 |
|     |                                      |                               | (vii) Asia<br>(viii) USA                                                                           | Nil                                                                                                                             | Free from quarantine weed seeds.                                                                                                                                                                                  |
| 88. | <i>Benincasa hispida</i> (Wax Gourd) | Seeds for sowing              | (i) Vietnam<br>(ii) Japan<br>(iii) Thailand<br>(iv) Philippines<br>(v) Hongkong                    | Nil                                                                                                                             | Free from quarantine weed seeds.                                                                                                                                                                                  |
| 89. | <i>Berberis vulgaris</i> (Zarishak)  | Dried berries for consumption | Greece                                                                                             | Free from:<br>(a) <i>Lobesia botrana</i> (grape berry moth)<br>(b) <i>Gnomonia comari</i> (leaf blotch)                         | Fumigation with Methyl bromide at 32 g. per cubic metre for 24 hrs. at 21°C and above or equivalent or any other treatment                                                                                        |

|     |                                               |                                          |                                  |                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                   |
|-----|-----------------------------------------------|------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                               |                                          |                                  |                                                                                                                                                                                                                                                                                                                                                                                             | approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.                                                                                                  |
| 90. | <i>Bertholletia excelsa</i> (Brazil nut)      | Grafts/ budwoods/ plants for propagation | Brazil                           | Free from <i>Hypothenemus obscurus</i> (tropical nut borer)                                                                                                                                                                                                                                                                                                                                 | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research                                                                                  |
| 91. | <i>Beta vulgaris</i> (Beet Root)              | Seeds for sowing                         | Any Country                      | Free from:<br>(a) Downy mildew ( <i>Peronospora farinosa</i> )<br>(b) Silvering disease ( <i>Curtobacterium flaccumfaciens</i> pv. <i>betae</i> )<br>(c) Bacterial blight ( <i>Pseudomonas syringae</i> pv. <i>aptata</i> )<br>(d) Beetroot cyst nematode ( <i>Heterodera schachtii</i> )<br>(e) Beetroot rust ( <i>Uromyces</i> spp.)<br>(f) Beetroot yellows necrotic virus (rhizomania). | Free from soil.                                                                                                                                                                                                                                                                   |
| 92. | <i>Betula</i> spp. (Birch)                    | Wood with/without bark                   | (i) Europe<br>(ii) North America | Free from <i>Agrilus anxius</i> (Bronge-birch borer)                                                                                                                                                                                                                                                                                                                                        | Fumigation with Methyl bromide at 48 g per cubic metre for 24 hrs at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/ re-export.  |
|     | <i>Betula platyphylla</i> (Birch wood dowels) | Wood without bark                        | (iii) China                      | Free from:-<br>(a) <i>Anoplophora chinensis</i> (Black and white citrus longhorn)<br>(b) <i>Monochamus sutor</i> (Brown crumbly rot)                                                                                                                                                                                                                                                        | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 93. | <i>Betula alba/Betula pubescense</i>          | Leaves (dried) for processing            | Poland                           | Free from:<br>(a) <i>Coleophora serratella</i> (birch casebearer)                                                                                                                                                                                                                                                                                                                           | Fumigation with Methyl bromide at 32 g per cubic metre at 21°C                                                                                                                                                                                                                    |

|      |                                           |                                   |                                                                                       |                                                                                                                                                                    |                                                                                                                                                                                          |
|------|-------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | (Common white birch)                      |                                   |                                                                                       | (b) <i>Orgyia antiqua</i> (European tussock moth)<br>(c) <i>Saturnia pavonia</i> (small emperor moth)<br>(d) <i>Scolytus intricatus</i> (European oak bark beetle) | and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance approved by the Plant Protection Adviser.     |
| 94.  | <i>Blighia sapida</i> (Akee)              | Plants/ cuttings for propagation  | Israel                                                                                | Nil                                                                                                                                                                | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months. |
| 95.  | <i>Bidens</i> spp. (Coreopsis)            | Seeds for sowing                  | (i) Australia<br>(ii) Europe<br>(iii) USA                                             | Nil                                                                                                                                                                | Freedom from quarantine weeds seeds.                                                                                                                                                     |
| 96.  | <i>Bixa orellana</i> (Annatto)            | Seeds for consumption/ processing | (i) Peru<br>(ii) Spain                                                                | Free from <i>Moniliophthora perniciosa</i> (witches' broom disease of cacao)                                                                                       | Free from quarantine weed seeds, soil and other plant debris.                                                                                                                            |
|      |                                           |                                   | (iii) Ghana<br>(iv) Ivory Coast                                                       | Nil                                                                                                                                                                | Free from quarantine weed seeds, soil and other plant debris.                                                                                                                            |
| 97.  | <i>Boehmeria nivea</i> (Ramie)            | Seeds for sowing                  | (i) Indonesia<br>(ii) Japan<br>(iii) Malaysia<br>(iv) Taiwan<br>(v) USA<br>(vi) China | Nil                                                                                                                                                                | Freedom from quarantine weed seeds                                                                                                                                                       |
| 98.  | <i>Borago officinalis</i> (Borago)        | Seeds for sowing                  | Denmark                                                                               | Nil                                                                                                                                                                | Free from quarantine weed seeds and soil contamination.                                                                                                                                  |
| 99.  | <i>Boronia</i> spp.                       | Plants/ cuttings for propagation  | USA                                                                                   | Free from <i>Rhizobium rhizogenes</i> (gall)                                                                                                                       | (i) Post-entry quarantine for a period of 6 months<br>(ii) Free from soil.                                                                                                               |
| 100. | <i>Boronia crenulata</i>                  | Tissue culture plants             | Australia                                                                             | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                | Nil                                                                                                                                                                                      |
| 101. | <i>Bougainvillea</i> spp. (Bougainvillea) | Plants for propagation            | Any Country                                                                           | Nil                                                                                                                                                                | Post entry quarantine for a period of 45 days.                                                                                                                                           |
| 102. | <i>Bouvardia</i> spp.                     | Plants for propagation            | Europe                                                                                | Nil                                                                                                                                                                | Post entry quarantine for a period of 45 days.                                                                                                                                           |

|      |                                                                                                                                                                           |                                         |                                                       |                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 103. | <i>Brachiaria</i> spp.<br>(Signalgrass)                                                                                                                                   | Germplasm material<br>for research only | (i) Australia<br>(ii) Brazil<br>(iii) Zimbabwe        | Nil                                                                                                                                                                                                                                                                                             | Freedom from quarantine weed<br>seeds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 104. | <i>Brassica</i> spp (Mustard,<br>Rape/canola, Cabbage,<br>Cauliflower, Kohlrabi,<br>Brussels sprouts, Broccoli,<br>Knol Khol, Chinese<br>Cabbage and other Cole<br>crops) | Seeds for sowing                        | (i) Any country<br>except Denmark,<br>Chile and Italy | Free from:<br>(a) <i>Leptosphaeria maculans</i> (black leg)<br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of<br>tomato)<br>(c) <i>Pseudomonas syringae</i> pv. <i>maculicola</i> (bacterial<br>leaf spot)<br>(d) <i>Xanthomonas campestris</i> pv. <i>campestris</i> (black rot) | (i) Free from quarantine weed<br>seeds.<br>(ii) Import except the trial<br>material of the same crop<br>species or variety as specified<br>in Schedule XII of this Order<br>subject to prior approval of<br>Department of Agriculture<br>and cooperation in the<br>Ministry of Agriculture.                                                                                                                                                                                                                                                                                                                         |
|      |                                                                                                                                                                           |                                         | (ii) Denmark<br>(iii) Chile                           | Nil                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|      |                                                                                                                                                                           |                                         | (iv) Italy                                            | Free from:<br>(a) <i>Leptosphaeria maculans</i> (black leg<br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of<br>tomato)<br>(c) <i>Xanthomonas campestris</i> pv. <i>campestris</i> (black rot)                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|      |                                                                                                                                                                           | (ii) Seeds for<br>consumption           | Any Country                                           | Nil                                                                                                                                                                                                                                                                                             | (i) (a) Weed free crop/ area<br>certification<br>or<br>(b) Zero dockage certification in<br>respect of quarantine weed seeds<br>in the Phytosanitary Certificate<br>or<br>(c) Devitalization of seed by heat<br>treatment at 120°C for 15<br>minutes or any other equivalent<br>treatment approved by the Plant<br>Protection Adviser to the<br>Government of India<br>(ii) Management of handling,<br>transportation, milling, and<br>processing of import<br>consignment and manner of<br>disposal of refuse as per the<br>guidelines prescribed by the<br>Plant Protection Advisor to the<br>Government of India |

|      |                                                                                                                    |                                       |                                                                         |                                                                                                                                                                                                                                             |                                                                                                                                                                                         |
|------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                                                                    | (iii) Fresh vegetable for consumption | Nepal                                                                   | Free from:<br><i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato (USA))                                                                                                                                                        | Free from soil and other plant debris.                                                                                                                                                  |
| 105. | <i>Brassica carinata</i> (African cabbage)// <i>Brassica rapa</i> var. <i>amplexicaulis</i> / <i>B. pekinensis</i> | Seeds for sowing                      | USA                                                                     | Free from:<br>(a) <i>Colletotrichum higginsianum</i><br>(b) <i>Pseudomonas syringae</i> pv. <i>maculicola</i> (cabbage leaf spot)<br>(c) <i>Pseudomonas viridiflava</i><br>(d) <i>Xanthomonas campestris</i> pv. <i>raphani</i> (leafspot.) | Freedom from quarantine weed seeds                                                                                                                                                      |
| 106. | <i>Brassica rapa</i> sub sp. <i>rapa</i> (Turnip)                                                                  | Seeds for sowing                      | (i) Denmark<br>(ii) Italy<br>(iii) Japan<br>(iv) Netherlands<br>(v) USA | Free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                               | Free from quarantine weed seeds.                                                                                                                                                        |
|      |                                                                                                                    |                                       | (vi) France                                                             | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Leptosphaeria maculans</i> (black leg)<br>(c) <i>Xanthomonas campestris</i> pv. <i>campestris</i> (black rot)                                               | Free from quarantine weed seeds.                                                                                                                                                        |
| 107. | <i>Bromeliad</i> spp.                                                                                              | Tissue cultured plants                | Any Country                                                             | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                             | Nil                                                                                                                                                                                     |
| 108. | <i>Butia</i> spp.                                                                                                  | (i) Seeds for sowing                  | Any Country                                                             | Nil                                                                                                                                                                                                                                         | Free from quarantine weed seeds.                                                                                                                                                        |
|      |                                                                                                                    | (ii) Plants for propagation           | Any country                                                             | Nil                                                                                                                                                                                                                                         | (i) Free from soil<br>(ii) Post-entry quarantine growing for a period of 10-12 months.                                                                                                  |
| 109. | <i>Butia capitata</i>                                                                                              | (i) Plants for propagation            | Australia, USA, Thailand                                                | Nil                                                                                                                                                                                                                                         | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
| 110. | <i>Butyrospermum paradoxum</i>                                                                                     | Nuts for processing                   | Any Country                                                             | Free from:                                                                                                                                                                                                                                  | Fumigation by Methyl bromide                                                                                                                                                            |

|      |                                                  |                              |                                                          |                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                   |
|------|--------------------------------------------------|------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | (Sheanut)                                        | or industrial use            |                                                          | (a) <i>Ephestia elutella</i> (Chocolate moth)<br>(b) <i>Ephestia kuehniella</i> (Mediterranean flour moth)<br>(c) <i>Hypothenemus obscurus</i> (Tropical nut borer)<br>(d) <i>Phytophthora megakarya</i> (Black pod of cocoa)<br>(e) <i>Phytophthora katusae</i> (Chestnut downy mildew) | at 32 g per cubic meter for 24 hrs at 21°C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export.                                               |
| 111. | <i>Buxus sempervirens</i> (Boxwood)              | Wood with and without bark   | (i) Turkey<br>(ii) Spain<br>(iii) France<br>(iv) Germany | Nil                                                                                                                                                                                                                                                                                      | Fumigation with Methyl bromide at 48g per cubic metre for 24hrs at 21°C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/reexport. |
| 112. | Cacti                                            | Plants for propagation       | Any Country                                              | Free from:<br>(a) Cactus cyst nematode ( <i>Cactodera cactii</i> )<br>(b) Cactus virus X. and 2 (Carlavirus)                                                                                                                                                                             | (i) The plants shall be grown in post-entry quarantine facility for a period of 45-60 days.<br>(ii) Free from soil.                                                                                                                                                                                               |
| 113. | <i>Caesalpinia gilliesii</i> (Birds of paradise) | Seeds for sowing             | USA                                                      | Nil                                                                                                                                                                                                                                                                                      | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                |
| 114. | <i>Cajanus cajan</i> (Pigeon pea)                | Grain (seed) for consumption | (i) Australia                                            | Free from <i>Richardia brasiliensis</i>                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                   |

|  |  |  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                |
|--|--|--|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (ii) Mozambique | Free from:<br>(a) <i>Clavigralla elongate</i> (African Pod bug)<br>(b) <i>Ditylenchus africanus</i> (Pea nut pod nematode)<br>(c) <i>Hoploaimus pararobustus</i> (Lance nematode)<br>(d) <i>Meloidogyne Ethiopia</i><br>(e) <i>Meloidogyne decalineata</i> (African Coffee root-knot nematode)<br>(f) <i>Alectra vogelii</i> (Yellow witch weed)<br>(g) <i>Chrysanthemoides monilifera</i> (Boneseed)<br>(h) <i>Digitaria velutina</i> (Velvet finger grass)<br>(i) <i>Orobanche minor</i> (Common broomrape)<br>(j) <i>Oryza longistaminata</i> (Perennial wild rice)<br>(k) <i>Raphanus raphanistrum</i> (Wild raddish)<br>(l) <i>Richardia brasiliensis</i> (White eye Australia)<br>(m) <i>Senecio inaequidens</i> (African ragwort)<br>(n) <i>Senecio madagascariensis</i> (firewood) | (i) Free from soil contamination.<br><br>(ii) Fumigation by Methyl bromide at 32 g/ m <sup>3</sup> for 24 hrs at 21°C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export. |
|  |  |  | (iii) Myanmar   | Free from:<br>(a) <i>Cardiospermum halicacabum</i> (Balo onvine)<br>(b) <i>Physalis angulata</i> (Cutleaf groundcherry)<br>(c) <i>Pueraria Montana</i> var. <i>Montana</i> (Rhodesian kudzu-vine)<br>(d) <i>Richardia brasiliensis</i> (White eye Australia)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                |
|  |  |  | (iv) Nepal      | Free from::<br>(a) <i>Lolium multiforum</i> (Italian rye grass).<br>(b) <i>Polygonum persicaria</i> (red shank)<br>(c) <i>Veronica persica</i> (Creeping speedwell)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                |
|  |  |  | (v) China       | Free from <i>Heterodera glycines</i> (Cyst nematode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                |
|  |  |  | (vi) Iran       | Free from <i>Apomyelois ceratoniae</i> (carob moth)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                |

|  |  |  |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
|--|--|--|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  |  | (vii) Kenya     | Free from:<br>(a) <i>Clavigralla elongate</i> (African Pod bug)<br>(b) <i>Melanagromyza chalcosoma</i> (pod fly)<br>(c) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(d) <i>Hoploaimus pararobustus</i> (Lance nematode)<br>(e) <i>Pratylenchus goodeyi</i> (Banana Lesion nematode)<br>(f) <i>Alectra vogelii</i> (Yellow witch weed)<br>(g) <i>Digitaria velutina</i> (velvet finger grass)<br>(h) <i>Cirsium vulgare</i> (Spear thistle)<br>(i) <i>Conyza sumatrensis</i> (Tall fleabane)<br>(j) <i>Lolium multiflorum</i> (Italian rye grass).<br>(k) <i>Lonicera japonica</i> (Japanese honeysuckle)<br>(l) <i>Orobancha minor</i> (Common broomrape)<br>(m) <i>Oryza longistaminata</i> (perennial wild rice)<br>(n) <i>Pennisetum macrourum</i> (African feather grass)<br>(o) <i>Polygonum persicaria</i> (red shank)<br>(p) <i>Raphanus raphanistrum</i> (Wild raddish)<br>(q) <i>Richardia brasiliensis</i> (White –eye Australia)<br>(r) <i>Senecio madagascariensis</i> (firewood). |  |
|  |  |  | (viii) Pakistan | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |
|  |  |  | (ix) Tanzania   | Free from<br>(a) <i>Clavigralla elongate</i> (African Pod bug)<br>(b) <i>Hoploaimus pararobustus</i> (Lance nematode)<br>(c) <i>Meloidogyne decalineata</i> (African Coffee root-knot nematode)<br>(d) <i>Meloidogyne Ethiopia</i><br>(e) <i>Pratylenchus goodeyi</i> (Banana Lesion nematode)<br>(f) <i>Alectra vogelii</i> (Yellow witch weed)<br>(g) <i>Digitaria velutina</i> (velvet finger grass)<br>(h) <i>Orobancha minor</i> (Common broomrape)<br>(i) <i>Oryza longistaminata</i> (perennial wild rice)<br>(j) <i>Pennisetum macrourum</i> (African feather grass)<br>(k) <i>Striga aspera</i> (Witch weed)                                                                                                                                                                                                                                                                                                                                                                                     |  |



|  |  |  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                    |
|--|--|--|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (x) Malawi  | Free from<br>(a) <i>Clavigralla elongate</i> (African Pod bug)<br>(b) <i>Ditylenchus destructor</i> (Peanut pod nematode)<br>(c) <i>Hoploaimus pararobustus</i> (Lance nematode)<br>(d) <i>Meloidogyne acronea</i> (African cotton root nematode)<br>(e) <i>Alectra vogelii</i> (Yellow witch weed)<br>(f) <i>Digitaria velutina</i> (velvet finger grass)<br>(g) <i>Orobanche minor</i> (Common broomrape)<br>(h) <i>Oryza longistaminata</i> (perennial wild rice)<br>(i) <i>Pennisetum macrourum</i> (African feather grass)<br>(j) <i>Richardia brasiliensis</i> (White –eye Australia)<br>(k) <i>Striga aspera</i> (Witch weed) |                                                                                                                                                                                                                                                                                                                                                                    |
|  |  |  | (xi) Uganda | Free from<br>(a) <i>Clavigralla elongate</i> (African Pod bug)<br>(b) <i>Hoploaimus pararobustus</i> (Lance nematode)<br>(c) <i>Pratylenchus goodeyi</i> (Banana Lesion nematode)<br>(d) <i>Alectra vogelii</i> (Yellow witch weed)<br>(e) <i>Centrodema pubescens</i> (Centro)<br>(f) <i>Conyza sumatrensis</i> (tall fleabane)<br>(g) <i>Digitaria velutina</i> (velvet finger grass)<br>(h) <i>Orobanche minor</i> (Common broomrape)<br>(i) <i>Pennisetum macrourum</i> (African feather grass)<br>(j) <i>Polygonum persicana</i> (red shank)<br>(k) <i>Melanagromyza chalcosoma</i> (bean pod fly)                              |                                                                                                                                                                                                                                                                                                                                                                    |
|  |  |  | (xii) Sudan | Free from:<br><i>Clavigralla tomentosicollis</i> (African pod bug)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (i) Free from quarantine weed seeds and soil contamination.<br>(ii) Fumigation with Methyl bromide at 32 g/ m <sup>3</sup> for 24 hrs at 21°C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary certificate issued at the Country of origin/re-export |

|      |                      |                             |                             |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                            |
|------|----------------------|-----------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                      |                             | (xiii) Benin                | Free from:<br>a) <i>Bruchidius atrolineatus</i><br>b) <i>Clavigralla tomentosicollis</i> (African pod bug)<br>c) Quarantine weed seeds<br>d) Soil contamination                                                                                                                                                                        | Fumigation with Methyl bromide at 32 g/ m <sup>3</sup> for 24 hrs at 21 degree C and above under NAP or equivalent.                                                                                                                                                        |
|      |                      |                             | (xiv) Nigeria               | Free from:<br>a) <i>Bruchidius atrolineatus</i><br>b) <i>Clavigralla shadabi</i> (Pod bug)<br>c) <i>Clavigralla tomentosicollis</i> (African pod bug)<br>d) <i>Diaporthe phaseolorum</i> var. <i>Meridionalis</i> (Soyabean stem canker)<br>e) Quarantine weed seeds<br>f) Soil contamination                                          | The treatment should be endorsed on Phytosanitary Certificate issued at the Country of origin/re-export                                                                                                                                                                    |
|      |                      | Seeds for sowing            | Kenya                       | Free from:<br>(a) <i>Clavigralla elongata</i><br>(b) <i>Clavigralla tomentosicollis</i><br>(c) <i>Specularius erythraeus</i><br>(d) <i>Specularis sulcaticollis</i><br>(e) <i>Mycovellosiella cajani</i> and its var. <i>Trichophila</i><br>(f) <i>Sunn-hemp mosaic virus</i><br>(g) <i>Richardia brasiliensis</i> (white-eye disease) | (i) Seed crop inspection and certification for free from (g) by a competent authority at the country of origin Post-entry quarantine growing for a period of 2-3 months.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
| 115. | <i>Calamus</i> spp.  | (i) Seeds for sowing        | Any Country                 | Nil                                                                                                                                                                                                                                                                                                                                    | Free from quarantine weed seeds.                                                                                                                                                                                                                                           |
|      |                      | (ii) Plants for propagation | Any country                 | Nil                                                                                                                                                                                                                                                                                                                                    | (i) Free from soil<br>(ii) Post-entry quarantine growing for a period of 10-12 months                                                                                                                                                                                      |
| 116. | <i>Calathea</i> spp. | (i) Tissue cultured plants  | (i) USA                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                        | Nil                                                                                                                                                                                                                                                                        |
|      |                      |                             | (ii) Any country except USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                        | Nil                                                                                                                                                                                                                                                                        |
|      |                      |                             | (iii) The Netherlands       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                        | Nil                                                                                                                                                                                                                                                                        |
|      |                      | (ii) Plants for propagation | (i) Asia                    | Nil                                                                                                                                                                                                                                                                                                                                    | Post entry quarantine growing for 45 days period.                                                                                                                                                                                                                          |
|      |                      |                             | (ii) USA                    | Free from <i>Phytophthora cryptogea</i> (Tomato foot rot)                                                                                                                                                                                                                                                                              | Post entry quarantine growing for 45 days.                                                                                                                                                                                                                                 |

|      |                                           |                                       |                                                                   |                                                                                                                                                                                                                   |                                                                                                                          |
|------|-------------------------------------------|---------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|      |                                           |                                       | (iii) The Netherlands                                             | Free from <i>Phytophthora cryptogea</i> (tomato foot rot)                                                                                                                                                         | Freedom from soil.                                                                                                       |
| 117. | <i>Calceolaria</i> spp.<br>(Calceolaria)  | Seeds for sowing                      | (i) Europe<br>(ii) USA<br>(iii) Japan<br>(iv) Australia           | Nil                                                                                                                                                                                                               | Free from quarantine weed seeds.                                                                                         |
| 118. | <i>Calendula</i> spp.<br>(Calendula)      | Seeds for sowing                      | (i) USA<br>(ii) UK<br>(iii) Japan<br>(iv) Australia               | Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato)                                                                                                                                        | Free from quarantine weed seeds.                                                                                         |
|      |                                           |                                       | (v) France<br>(vi) Germany<br>(vii) Netherlands<br>(viii) Denmark | Nil                                                                                                                                                                                                               | Free from quarantine weed seeds.                                                                                         |
| 119. | <i>Callibrochoa</i> spp.                  | Tissue cultured plants                | Any Country                                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                  | Nil                                                                                                                      |
| 120. | <i>Callistemon</i> spp.<br>(Bottle brush) | (i) Seeds for sowing                  | Any Country                                                       | Nil                                                                                                                                                                                                               | Free from quarantine weed seeds.                                                                                         |
|      |                                           | (ii) Plants/ cuttings for propagation | Any Country                                                       | Nil                                                                                                                                                                                                               | Post entry quarantine growing for 45 days period.                                                                        |
| 121. | <i>Callistephus chinensis</i><br>(Aster)  | Seeds for sowing                      | (i) China                                                         | Free from Chrysanthemum mosaic virus                                                                                                                                                                              | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from chrysanthemum mosaic virus. |
|      |                                           |                                       | (ii) France<br>UK<br>Netherlands<br>Japan<br>Thailand             | Nil                                                                                                                                                                                                               | Free from quarantine weed seeds.                                                                                         |
|      |                                           |                                       | (iii) Afghanistan                                                 | Nil                                                                                                                                                                                                               | Free from soil and other plant debris.                                                                                   |
|      |                                           |                                       | (iv) Germany                                                      | Free from:<br>(a) <i>Aphelenchoides ritzemabosi</i> (Leaf bud nematode)<br>(b) <i>Aphelenchoides blastophorus</i> (Leaf bud nematode)<br>(c) <i>Spaceloma violae</i> (Scab)<br>(d) <i>Urocystis violae</i> (Smut) | Free from quarantine weed seeds.                                                                                         |

|      |                                         |                                  |                                            |                                                                                                                                                                                                                                                |                                                                                                                                                                                                 |
|------|-----------------------------------------|----------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                         |                                  | (v) USA                                    | Free from:<br>(a) <i>Fusarium oxysporum f.sp. callistephi</i> (Wilt)<br>(b) <i>Septoria callistephi</i> (Leaf spot)<br>(c) <i>Stemphylium callistephi</i> (Leaf spot)                                                                          | Free from quarantine weed seeds.                                                                                                                                                                |
| 122. | <i>Calopogonium mucunoides</i> (Calopo) | Seeds for sowing                 | Kenya                                      | Nil                                                                                                                                                                                                                                            | Freedom from quarantine weed seeds                                                                                                                                                              |
| 123. | <i>Campanula</i> spp                    | Tissue cultured plants           | USA                                        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                | Nil                                                                                                                                                                                             |
| 124. | <i>Canna</i> spp.                       | Tissue cultured plants           | (i) Iran                                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus.                                                                                                           | Nil                                                                                                                                                                                             |
|      |                                         |                                  | (ii) Columbia                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from banana streak badna virus.                                                                                                           | Nil                                                                                                                                                                                             |
|      |                                         |                                  | (iii) Any country except Iran and Columbia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                | Nil                                                                                                                                                                                             |
| 125. | <i>Capparis Spinosa</i> (Caper)         | Plants/ saplings for propagation | Argentina                                  | Nil                                                                                                                                                                                                                                            | Nil                                                                                                                                                                                             |
| 126. | <i>Capsicum</i> spp. (Pepper/ Chillies) | Seeds for sowing                 | Any Country                                | Free from:<br>(a) Bacterial scab ( <i>Xanthomonas vesicatoria</i> )<br>(b) Pepper viruses viz. mild mosaic and mild mottle<br>(c) <i>Peronospora hyoscyami</i> sp. <i>tabacina</i><br>(d) Tomato ringspot virus<br>(e) Tomato black ring virus | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for free from Pepper viruses viz. mild mosaic and mild mottle, Tomato ringspot virus and Tomato black ring virus |
| 127. | <i>Carduus</i> spp. (Musk Root)         | Dried root for medicinal use     | Any country                                | Nil                                                                                                                                                                                                                                            | Free from quarantine weeds seeds                                                                                                                                                                |
| 128. | <i>Carex</i> spp.                       | Tissue cultured plants           | (i) Germany                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pluumala virus.                                                                                                                      | Nil                                                                                                                                                                                             |
|      |                                         |                                  | (ii) Any country except Germany            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                               | Nil                                                                                                                                                                                             |

|      |                                                                                         |                                                                      |                                                                                                  |                                                                                                                                           |                                                                                                                                                 |
|------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 129. | <i>Carica papaya</i>                                                                    | Seeds for sowing                                                     | (i) Taiwan<br>(ii) Thailand                                                                      | Nil                                                                                                                                       | (i) Free from quarantine weed seeds.<br>(ii) Imports permitted subject to prior approval of Department of Agriculture and Cooperation.          |
|      |                                                                                         |                                                                      | (iii) USA                                                                                        | Nil                                                                                                                                       | Imports permitted subject to prior approval of Department of Agriculture and Cooperation.                                                       |
| 130. | <i>Carissa carandas</i><br>(Karonda)                                                    | (i) Seeds for sowing<br>(ii) Grafts/ budwoos/ plants for propagation | Indonesia<br>Malaysia<br>Mauritius<br>New Zealand<br>Philippines<br>Sri Lanka<br>Thailand<br>USA | Nil                                                                                                                                       | (i) Free from soil<br>(ii) Post entry quarantine growing for 6-9 month except for research.                                                     |
| 131. | <i>Carthamus tinctorius</i> /<br><i>Carthamus</i> spp. (Safflower and its wild species) | Seeds for sowing                                                     | (i) Morocco<br>(ii) Turkey<br>(iii) Italy                                                        | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation        |
|      |                                                                                         |                                                                      | (iv) USA                                                                                         | Free from:<br>(a) <i>Pseudomonas syringae</i> pv. <i>tagetis</i><br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)  |                                                                                                                                                 |
|      |                                                                                         |                                                                      | (v) Nepal<br>(vi) Yugoslavia<br>(vii) Serbia (Montenegro)                                        | Free from:<br>(a) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato) |                                                                                                                                                 |
| 132. | <i>Carthamus tinctorius</i><br>(Safflower)                                              | (i) Seeds for sowing                                                 | (i) Germany                                                                                      | Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato (USA))                                                          | (i) Imports permitted subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Free from soil and quarantine weed seeds. |

|  |  |                                           |                                                    |                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--|--|-------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                                           | (ii)Czech Republic,<br>(iii)Iran,<br>(iv) Slovakia | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato) | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.                                                                                                                                                                                                                                                                                                                                                                                                                |
|  |  | (ii) Grains (seeds) for consumption       | (i) Australia<br>(ii) Mexico<br>(iii) Argentina    | Nil                                                                        | (i)(a) Weed free crop/area certification or (b)Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or (c)Devitalisation of seed by heat treatment at 120°C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India and<br>(ii)Management of handling, transportation, milling and processing of import consignment and manner of disposal of refuse as per the guidelines prescribed by the Plant Protection Adviser to the Government of India |
|  |  | Grain (seeds) for consumption/ processing | Russia                                             | Free from <i>Thlaspi arvense</i>                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|      |                                     |                                     |             |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------|-------------------------------------|-------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                     | (iii) Dried flowers for consumption | Iran        | Free from:<br>(a) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato (USA))<br>(c) <i>Thlaspi arvense</i> (field pennycress)                                                            | (i) Free from quarantine weed seeds.<br>(ii) Free from soil and other plant debris.<br>(iii) Fumigation with Methyl bromide at 32 gm. per cubic meter for 24 hrs. at 21°C. and above or equivalent thereof under NAP or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary certificate issued at the Country of Origin/ re- export |
| 133. | <i>Carum carvi</i> (Caraway)        | Seeds for sowing                    | Netherlands | Nil                                                                                                                                                                                                                                                         | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                                                                |
| 134. | <i>Carya illinoensi</i> (Pecan nut) | (i) Nuts/ Seeds for sowing          | USA         | Free from:<br>(a) <i>Acrobasis nuxvorella</i><br>(b) <i>Curculio caryae</i> (pecan weevil)<br>(c) <i>Cydia caryana</i> (hickory worm)<br>(d) <i>Cladosporium caryigenum</i><br>(e) <i>Cristulariella moricola</i><br>(f) <i>Rhizobium rhizogenes</i> (gall) | (i) Freedom from soil and quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                                                                                                                                               |

|      |                            |                                            |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                     |
|------|----------------------------|--------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                            | ii) Cuttings for propagation               | USA        | Free from:<br>(a) <i>Acrobasis nuxvorella</i> (pecan nut borer)<br>(b) <i>Anoplophora chinensis</i><br>(c) <i>Chromaphis juglandicola</i> (walnut aphid)<br>(d) <i>Hyphantria cunea</i> (mulberry moth)<br>(e) <i>Malacosoma americanum</i><br>(f) <i>Melanaspis obscura</i><br>(g) <i>Melanocallis caryaefoliae</i> (hickory leaf aphid)<br>(h) <i>Monellia caryella</i> (hickory aphid)<br>(i) <i>Monelliopsis nigropunctata</i><br>(j) <i>Monelliopsis pecanis</i><br>(k) <i>Orgyia leucostigma</i> (tussock moth)<br>(l) <i>Phylloxera devastatrix</i> (pecan phylloxera)<br>(m) <i>Solenopsis interrupta</i> (red fire ant)<br>(n) <i>Spodoptera frugiperda</i><br>(o) <i>Eotetranychus hicoriae</i> (pecan mite)<br>(p) <i>Cladosporium caryigenum</i><br>(q) <i>Cristulariella moricola</i><br>(r) <i>Phymatotrichopsis omnivora</i><br>(s) <i>Rhizobium rhizogenes</i> (gall) | (i) Freedom from soil and quarantine weed seeds<br>(ii) Post-entry quarantine growing for a period of 6-9 months.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                |
|      |                            | (iii) Shelled nuts (seeds) for consumption | USA        | Free from <i>Curculio caryae</i> (pecan weevil)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (i) Fumigation with Methyl bromide at 32 g. per cubic metre for 24 hrs. at 21°C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.<br>(ii) Free from soil and quarantine weed seeds. |
| 135. | <i>Cassia</i> spp. (Senna) | Seeds for sowing                           | (i) Egypt  | Free from:<br>(a) <i>Acanthoscelides centromaculatus</i><br>(b) <i>Caryedon pallidus</i><br>(c) <i>Mimosestis mimosae</i><br>(d) <i>Pseudopachymerina spinipes</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                  |
|      |                            |                                            | (ii) Sudan | Free from:<br>(a) <i>Caryedon pallidus</i><br>(b) <i>Caryedon sudanensis</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                  |



|      |                                                              |                                      |                                                                                                               |                                                                                                                    |                                                                                       |
|------|--------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 136. | <i>Casuarina</i> spp.                                        | Seeds for sowing                     | Australia                                                                                                     | Nil                                                                                                                | Free from quarantine weed seeds.                                                      |
| 137. | <i>Catharanthus roseus</i> (Vinca)                           | Seeds for sowing                     | (i) Australia                                                                                                 | Nil                                                                                                                | Freedoms from quarantine weed seeds.                                                  |
|      |                                                              |                                      | (ii) Guatemala                                                                                                | Nil                                                                                                                | Freedoms from quarantine weed seeds and soil.                                         |
| 138. | <i>Ceanothus americana</i>                                   | Seeds for sowing                     | (i) Europe<br>(ii) USA<br>(iii) Canada                                                                        | Nil                                                                                                                | Free from quarantine weed seeds and soil contamination.                               |
| 139. | <i>Celosia</i> spp.<br>(Cock's comb)                         | Seeds for sowing                     | (i) Taiwan<br>(ii) Netherlands<br>(iii) France<br>(iv) USA<br>(v) Australia                                   | Nil                                                                                                                | Free from quarantine weed seeds.                                                      |
|      |                                                              |                                      | (v) Japan<br>(vi) UK<br>(vii) Denmark<br>(viii) Germany                                                       | Free from <i>Phytophthora cryptogea</i> (tomato foot rot)                                                          | Free from quarantine weed seeds.                                                      |
| 140. | <i>Cenchrus ciliaris</i> (Buffelgrass)                       | Germplasm material for research only | (i) Australia<br>(ii) USA                                                                                     | Free from <i>Systasis cenchrivora</i> (seed chalcid)                                                               | Freedom from quarantine weed seeds                                                    |
|      |                                                              |                                      | (iii) Kenya                                                                                                   | Nil                                                                                                                | Freedom from quarantine weed seeds                                                    |
| 141. | <i>Centrosema</i> spp./ <i>Chloris gayana</i> (Rhodes grass) | Seeds for sowing                     | Kenya                                                                                                         | Nil                                                                                                                | Freedom from quarantine weed seeds                                                    |
| 142. | <i>Centurea cyanus</i> (Corn flower)                         | Seeds for sowing                     | (i) Europe<br>(ii) China<br>(iii) USA<br>(iv) South Africa<br>(v) Canada<br>(vi) Argentina<br>(vii) Australia | Free from <i>Sclerotinia minor</i> (Sclerotinia rot)                                                               | Free from quarantine weed seeds.                                                      |
| 143. | <i>Ceratozamia</i> spp. /<br><i>Macrozamia</i> spp. (Cycad)  | Seeds for sowing                     | Any country                                                                                                   | Nil                                                                                                                | Freedom from quarantine weeds seeds                                                   |
| 144. | <i>Cereus peruvianus</i> (Apple cactus)                      | Plants/ cuttings for propagation     | Israel                                                                                                        | Nil                                                                                                                | (i) Free from soil.<br>(ii) Post entry quarantine for a growing period of 3-4 months. |
| 145. | <i>Chaetanthus</i> spp.                                      | Tissue culture plants                | Australia                                                                                                     | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus | Nil                                                                                   |

|      |                                            |                                                    |                                        |                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                            |
|------|--------------------------------------------|----------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 146. | <i>Chamaecyparis nootkatensis</i>          | (i) Timber logs with/ without bark for consumption | (i) Canada                             | Free from:<br>(a) <i>Bursaphelenchus xylophilus</i> (pine wilt nematode)<br>(b) <i>Seiridium cardinale</i> (cypress canker) | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| 147. | <i>Chamaerops</i> spp.                     | (i) Seeds for sowing                               | Any Country                            | Nil                                                                                                                         | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                           |
|      |                                            | (ii) Plants for propagation                        | Any country                            | Nil                                                                                                                         | (i) Free from soil<br>(ii) Post-entry quarantine growing for a period of 10-12 months                                                                                                                                                                                                                                                                                      |
| 148. | <i>Chata edulis</i> (Mira leaves)          | Leaves for consumption                             | Ethiopia                               | Nil                                                                                                                         | Freedom from soil                                                                                                                                                                                                                                                                                                                                                          |
| 149. | <i>Chelidonium majus</i>                   | (i) Seeds for sowing                               | Germany                                | Nil                                                                                                                         | Free from quarantine weeds seeds.                                                                                                                                                                                                                                                                                                                                          |
| 150. | <i>Chelone glabra</i>                      | Seeds for sowing                                   | (i) Europe<br>(ii) USA<br>(iii) Canada | Nil                                                                                                                         | Free from quarantine weed seeds and soil contamination.                                                                                                                                                                                                                                                                                                                    |
| 151. | <i>Chenopodium quinoa</i> (quinoa)         | Grain/Seeds for consumption/ processing            | Peru                                   | Nil                                                                                                                         | Free from quarantine weed seeds, soil and other plant debris.                                                                                                                                                                                                                                                                                                              |
|      |                                            |                                                    | (ii) Colombia                          | Nil                                                                                                                         | Free from quarantine weed seeds, soil and other plant debris.                                                                                                                                                                                                                                                                                                              |
| 152. | <i>Chloris gayana</i> Kunth (Rhodes grass) | Germplasm material for research only               | (i) Australia<br>(ii) Kenya            | Nil                                                                                                                         | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                         |
| 153. | <i>Chlorophytum</i> spp. (Chlorophytum)    | Plants for propagation                             | (i) Asia<br>(ii) USA                   | Nil                                                                                                                         | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                                                                             |

|      |                                              |                                                 |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|------|----------------------------------------------|-------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 154. | <i>Chlorophytum comosum</i><br>(Safed musli) | Dried plant material for medicinal use          | Any country         | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Free from quarantine weeds seeds                                                                                          |
| 155. | <i>Chrysanthemum</i> spp.<br>(Chrysanthemum) | (i) Seeds for sowing                            | (i) Taiwan          | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Free from quarantine weed seeds.                                                                                          |
|      |                                              |                                                 | (ii) Denmark        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|      |                                              |                                                 | (iii) USA           | Free from:<br>(a) <i>Didymella chrysanthemi</i> (Ray blight)<br>(b) Chrysanthemum aspermy virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for free from Chrysanthemum aspermy virus. |
|      |                                              | (ii) Cuttings (rooted/ un-rooted) for planting. | (viii) France       | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weed seeds.                                                                                          |
|      |                                              |                                                 | (ix) UK             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|      |                                              |                                                 | (x) Germany         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|      |                                              | (ii) Tissue cultured plants                     | (xi) Netherlands    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|      |                                              |                                                 | (xii) Australia     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|      |                                              |                                                 | Any Country         | Free from:<br>(a) Fasciation ( <i>Rhodococcus fascians</i> )<br>(b) Foliar nematodes ( <i>Aphelenchoides fragariae</i> , <i>A. ritzemabosi</i> )<br>(c) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )<br>(d) South American leaf miner ( <i>Liriomyza huidobrensis</i> )<br>(e) Burdock leaf miner ( <i>Amauromyza maculosa</i> )<br>(f) White rust ( <i>Puccinia horiana</i> )<br>(g) Ray blight and stem canker ( <i>Didymella ligulicola</i> , syn. <i>Ascochyta chrysanthemi</i> )<br>(h) Bacterial leaf blight ( <i>Pseudomonas viridiflava</i> )<br>(i) Chrysanthemum viruses viz. chlorotic mottle, stunt, vein chlorosis, virus B. | (i) Post-entry quarantine for a period of 45-60 days.<br>(ii) Free from soil contamination.                               |
|      |                                              |                                                 | Asia                | Free from:<br>(a) Bacterial blight ( <i>Pseudomonas cichorii</i> )<br>(b) White rust ( <i>Puccinia horiana</i> )<br>(c) Tomato foot rot ( <i>Phytophthora cryptogea</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Post entry quarantine for a period of 45 days.                                                                            |
|      |                                              | (ii) Tissue cultured plants                     | (i) Argentina       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Nil                                                                                                                       |
|      |                                              |                                                 | (ii) Australia      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|      |                                              |                                                 | (iii) Canada        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|      |                                              |                                                 | (iv) Czech Republic |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|      |                                              |                                                 | (v) Greece          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |
|      |                                              |                                                 | (vi) Iran           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                           |

|  |  |  |                                 |                                                                                                                                                                                                                                                        |     |
|--|--|--|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|  |  |  | (vii) Belgium                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tomato spotted wilt virus<br>(b) Tobacco mosaic tobamo virus<br>(c) Chrysanthemum vein mottle virus<br>(d) Chrysanthemum latent virus | Nil |
|  |  |  | (viii) Brazil                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tomato chlorotic spot virus<br>(b) Groundnut ring spot virus<br>(c) Chrysanthemum stem necrosis virus                                 | Nil |
|  |  |  | (ix) China                      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a ) Tobacco mosaic tobamo virus<br>(c) Potato Y potyvirus<br>(d) Potato X potexvirus                                                     | Nil |
|  |  |  | (x) Columbia                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Impatiens necrotic spot virus<br>(b) Tomato spotted wilt virus<br>(c) Chrysanthemum stunt viroid                                      | Nil |
|  |  |  | (xi) Denmark                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Chrysanthemum stunt viroid<br>(b) Tomato spotted wilt virus                                                                           | Nil |
|  |  |  | (xii) France                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Chrysanthemum stunt viroid<br>(b) Tomato spotted wilt virus<br>(c) Tomato mosaic virus                                                | Nil |
|  |  |  | (xiii) Finland<br>(xiv) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from chrysanthemum stunt viroid.                                                                                                                  | Nil |
|  |  |  | (xv) Italy                      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tomato spotted wilt virus<br>(b) Chrysanthemum spot virus                                                                             | Nil |
|  |  |  | (xvi) Japan                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Chrysanthemum stunt viroid<br>(b) Tomato spotted wilt virus<br>(c) Chrysanthemum vein mottle virus                                    | Nil |

|  |  |  |                                   |                                                                                                                                                                                                                                                             |     |
|--|--|--|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|  |  |  | (xvii) Mexico<br>(xviii) Slovenia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tomato spotted wilt virus<br>(b) Impatiens necrotic spot virus                                                                             | Nil |
|  |  |  | (xix) Netherlands                 | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Chrysanthemum vein mottle virus<br>(b) Tomato spotted wilt virus<br>(c) Tospovirus                                                         | Nil |
|  |  |  | (xx) Poland                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tomato mosaic virus<br>(b) Tobacco mosaic tobamovirus<br>(c) Tomato spotted wilt virus                                                     | Nil |
|  |  |  | (xxi) Russia                      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Potato Y potyvirus<br>(b) Tomato spotted wilt virus                                                                                        | Nil |
|  |  |  | (xxii) Taiwan                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from turnip mosaic virus                                                                                                                               | Nil |
|  |  |  | (xxiii) Turkey                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from chrysanthemum mosaic virus                                                                                                                        | Nil |
|  |  |  | (xxiv) UK                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Beet mild yellowing virus<br>(b) Beet western yellow luteovirus<br>(c) Chrysanthemum stunt viroid<br>(d) Chrysanthemum leaf mottling virus | Nil |
|  |  |  | (xxv) USA                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tomato spotted wilt virus<br>(b) Chrysanthemum stunt viroid<br>(c) Symptomless ChCMV str. (ChCMV-ns)                                       | Nil |

|      |                                            |                            |                                                                                                                                                                                                                                                |                                                                                                                                                                                         |                                                                                                                                                                                                                                    |
|------|--------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                            |                            | (xix) Any country except Iran, Greece, Czech Republic, Australia, Argentina, Canada, Germany, Finland, Denmark, Slovenia, Mexico, Japan, USA, Belgium, Italy, UK, Netherlands, Russia, China, Poland, Turkey, Brazil, Columbia, Taiwan, France | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                        | Nil                                                                                                                                                                                                                                |
| 156. | <i>Cicer arietinum</i> (Chick Pea)         | (i) Seeds for sowing       | Any Country                                                                                                                                                                                                                                    | Free from Pod and stem blight ( <i>Phomopsis longicolla</i> )                                                                                                                           | Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.             |
|      |                                            | (ii) Seeds for consumption | Any Country                                                                                                                                                                                                                                    | Nil                                                                                                                                                                                     | Fumigation with Methyl bromide @ 32 g/cu. m at @ 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser. |
| 157. | <i>Cichorium</i> spp. (Chicory and Endive) | Seeds for sowing           | Any Country                                                                                                                                                                                                                                    | Free from:<br>(a) Bacterial blight ( <i>Pseudomonas cichorii</i> )<br>(b) Bidens mottle virus,<br>(c) Chicory yellow mottle virus<br>(d) Anthracnose ( <i>Marssonina panottoniana</i> ) | Free from quarantine weed seeds.                                                                                                                                                                                                   |

|      |                                       |                                      |                                  |                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------|---------------------------------------|--------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 158. | <i>Cistus spp.</i>                    | (i) Branches for consumption purpose | Spain                            | Free from <i>Saturnia pavonia</i> (Small emperor moth)                                                                                                                                                                                                                                                                                                                    | Free from soil and other plant debris.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 159. | <i>Citrullus lanatus</i> (Watermelon) | (i) Seeds for sowing                 | (i) Thailand                     | Nil                                                                                                                                                                                                                                                                                                                                                                       | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|      |                                       |                                      | (ii) Any country except Thailand | Free from:<br>(a) Bacterial fruit blotch ( <i>Acidovorax avenae</i> subsp. <i>citrulli</i> )<br>(b) Angular leaf spot ( <i>Pseudomonas syringae</i> pv. <i>lachrymans</i> )<br>(c) Soft rot ( <i>Xanthomonas melonis</i> )<br>(d) Watermelon viruses viz. chlorotic stunt, curly mottle, mosaic virus 2.<br>(e) <i>Verticillium albo-atrum</i><br>(f) Squash mosaic virus | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for free from watermelon viruses viz. chlorotic stunt, curly mottle, mosaic virus 2, <i>Verticillium albo-atrum</i> , Squash mosaic virus                                                                                                                                                                                                                                                                                                                                   |
|      |                                       | (ii) Seeds for consumption           | Any Country                      | Nil                                                                                                                                                                                                                                                                                                                                                                       | (i) (a) Weed free crop/ area certification or (b) Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or (c) Devitalization of seed by heat treatment at 120°C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India<br>(ii) Management of handling, transportation, milling, and processing of import consignment and manner of disposal of refuse as per the guidelines prescribed by the Plant Protection Advisor to the Government of India |
| 160. | <i>Citrus hystrix</i> (Kafir leaves)  | (iii) Fruits for consumption         | (i) Thailand<br>(ii) Afghanistan | Nil                                                                                                                                                                                                                                                                                                                                                                       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|      |                                       | Vegetable for consumption            | Thailand                         | Nil                                                                                                                                                                                                                                                                                                                                                                       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|      |                                                                                           |                                  |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------|-------------------------------------------------------------------------------------------|----------------------------------|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 161. | <i>Citrus</i> spp. (Lemon, lime, orange, grapefruit, mandarins, etc. and other rutaceous) | (i) Fresh fruits for consumption | (i) Australia | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Bactrocera aquilonis</i><br>(c) <i>Bactrocera jarvisi</i><br>(d) <i>Bactrocera neohumeralis</i><br>(e) <i>Bactrocera tryoni</i> (Queensland fruit fly)<br>(f) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(g) <i>Epiphyas postvittana</i> (light brown apple moth)<br>(h) <i>Guignardia citricarpa</i> (citrus black spot)<br>(i) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(j) <i>Unaspis citri</i> (citrus snow scale) | (Pest-free area status for <i>Bactrocera aquilonis</i> , <i>B. neohumeralis</i> , <i>B. tryoni</i> (Queensland fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards<br>Or<br>MB fumigation @ 32g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Queensland fruit fly and Mediterranean fruit fly<br>Or<br>In transit cold treatment at 3°C or below for 20 days against Mediterranean fruit fly and for 16 days against Queensland fruit fly. |
|      |                                                                                           |                                  | (ii) Canada   | Free from:<br>(a) <i>Metcalfa pruinosa</i> (frosted moth bug)<br>(b) <i>Pseudococcus comstocki</i> (Comstock mealybug)<br>(c) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)                                                                                                                                                                                                                                                                                                                          | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|      |                                                                                           |                                  | (iii) Chile   | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(d) <i>Selenaspidus articulatus</i> (West Indian red scale)<br>(e) <i>Unaspis citri</i> (citrus snow scale)                                                                                                                                                                                                                       | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or (b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or (c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly.                                                                                 |



|  |  |  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--|--|--|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (iv) China  | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Bactrocera tsuneonis</i> (Japanese orange fly)<br>(c) <i>Ceroplastes japonicus</i> (tortoise wax scale)<br>(d) <i>Guignardia citricarpa</i> (citrus black spot)<br>(e) <i>Oraesia excavata</i> (fruit piercing moth)<br>(f) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(g) <i>Pseudococcus comstocki</i> (Comstock mealybug)<br>(h) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(i) <i>Unaspis citri</i> (Citrus snow scale)<br>(j) <i>Unaspis yanonensis</i> (arrowhead scale) | (a) Pest free area status for <i>Bactrocera tsuneonis</i> (Japanese orange fly) as per international standards or (b) MB fumigation @ 32 g/cubic metre for 2 hrs. at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or (c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly.   |
|  |  |  | (v) France  | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Ceroplastes japonicus</i> (tortoise wax scale)<br>(d) <i>Metcalfa pruinosa</i> (frosted moth)<br>(e) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(f) <i>Unaspis yanonensis</i> (arrowhead scale)                                                                                                                                                                                                                                          | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or (b) MB fumigation @ 32 g/cubic metre for 2 hrs. at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or (c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly. |
|  |  |  | (vi) Iran   | Free from <i>Aspidiotus nerii</i> (aucuba scale)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  |  |  | (vii) Italy | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Ceroplastes japonicus</i> (tortoise wax scale)<br>(d) <i>Metcalfa pruinosa</i> (frosted moth bug)<br>(e) <i>Pseudococcus calceolariae</i> (scarlet mealybug)                                                                                                                                                                                                                                                                                         | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or (b) MB fumigation @ 32 g/cubic metre for 2 hrs. at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or (c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly. |

|  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--|--|--|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (viii) New Zealand | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Epiphyas postvittana</i> (light brown apple moth)<br>(c) <i>Guignardia citricarpa</i> (citrus black spot)<br>(d) <i>Panonychus citri</i> (citrus red mite)<br>(e) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(f) <i>Unaspis citri</i> (citrus snow scale)         | MBr fumigation @ 32 g/cubic metre for 2 hrs. at 21°C or above at NAP or equivalent thereof                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  |  |  | (ix) South Africa  | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Ceratitis rosa</i> (Natal fruitfly)<br>(d) <i>Cryptophlebia leucotreta</i> (false codling moth)<br>(e) <i>Guignardia citricarpa</i> (citrus black spot)<br>(f) <i>Pseudococcus calceolariae</i> (scarlet mealybug) | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) and <i>Ceratitis rosa</i> (Natal fruit fly) as per international standards or (b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly and Natal fruit fly or (c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and Natal fruit fly |

|  |  |  |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--|--|--|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (x) USA    | <p>Free from:</p> <p>(a) <i>Anastrepha fraterculus</i> (South American fruitfly)</p> <p>(b) <i>Anastrepha ludens</i> (Mexican fruit fly)</p> <p>(c) <i>Anastrepha serpentina</i> (sapodilla fruit fly)</p> <p>(d) <i>Anastrepha striata</i> (guava fruit fly)</p> <p>(e) <i>Anastrepha suspensa</i> (caribbean fruit fly)</p> <p>(f) <i>Aspidiotus nerii</i> (aucuba scale)</p> <p>(g) <i>Ceratitis capitata</i> (Mediterranean fruit fly)</p> <p>(h) <i>Epiphyas postvittana</i> (light brown apple moth)</p> <p>(i) <i>Metcalfa pruinosa</i> (frosted moth bug)</p> <p>(j) <i>Panonychus citri</i> (citrus red mite)</p> <p>(k) <i>Pseudococcus calceolariae</i> (scarlet mealybug)</p> <p>(l) <i>Pseudococcus comstocki</i> (Comstock mealybug)</p> <p>(m) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)</p> <p>(n) <i>Selenaspidus articulatus</i> (West Indian red scale)</p> <p>(o) <i>Unaspis citri</i> (citrus snow scale)</p> | <p>(a) Pest free area status for <i>Anastrepha fraterculus</i> (South American fruit fly), <i>A.ludens</i> (Mexican fruit fly), <i>A.serpentina</i> (Sapodilla fruit fly), <i>A. striata</i> (Guava fruit fly), <i>A.suspense</i> (Caribbean fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or (b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or MB fumigation @ 40 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against <i>Anastrepha</i> spp. or (c) Pre-shipment cold treatment at 0°C or below for 10 days; at 0.55°C or below for 11 days; at 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 0.55°C or below for 18 days; at 1.1°C or below for 20 days; plus in-transit refrigeration against <i>Anastrepha</i> spp.</p> |
|  |  |  | (xi) Egypt | <p>Free from:-</p> <p>(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)</p> <p>(b) <i>Brevipalpus lewisi</i> (citrus flat mite)</p> <p>(c) <i>Spiroplasma citri</i> (stubborn disease of citrus)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>(a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or (b) MB fumigation @32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or (c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export</p>                                                                                                                                                                                                                                                                                            |

|  |  |  |               |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|--|--|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (xii) Morocco | Free from:-<br>(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(b) <i>Pantomorus cervinus</i> (Fuller's rose beetle)<br>(c) <i>Peridroma saucia</i> (pearly underwing moth)<br>(d) <i>Spiroplasma citri</i> (stubborn disease of citrus) | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standard or<br>(b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or<br>(c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/ re-export. |
|  |  |  | (xiii) Turkey | Free from:-<br>(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)                                                                                                                                                                              | Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards<br>or<br>MBr fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly<br>or<br>Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly.                                                                                                                                                                                                     |

|      |                                                                                                                                                                         |                             |                                                                                                                          |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                                                                                                                         |                             | (xiv) Spain                                                                                                              | Free from:-<br>(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)                                                                                                              | Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards<br>or<br>Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly.<br>or<br>MBr fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly |
| 162. | <i>Citrus maxima</i> (Pomelo),<br><i>Citrus sinensis</i> , <i>Citrus reticulata</i> , <i>Citrus paradisi</i> ,<br><i>Citrus nobilis</i> , <i>Citrus deliciosa</i> spp., | (ii) Plants for propagation | Thailand                                                                                                                 | Nil                                                                                                                                                                                 | (i) Post-entry quarantine growing for a period of 10-12 months<br>(ii) Free from soil<br>(iii) Commercial import subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                                                                                                                  |
| 163. | <i>Citrus reticulata</i> (Tangerine)/ <i>Citrus maxima</i> (Pummelo)                                                                                                    | Fresh fruit for consumption | Thailand                                                                                                                 | Free from:<br>(a) <i>Bactrocera papayae</i> (papaya fruit fly)<br>(b) <i>Citripestis sagittiferella</i> (citrus fruit borer)<br>(c) <i>Rhynchocoris poseidon</i> (spined fruit bug) | (i) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above or equivalent thereof; or<br>(ii) Pre-shipment cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against papaya fruit fly.                                                                                                                                                               |
| 164. | <i>Clarkia</i> spp.<br>(Godetia)                                                                                                                                        | Seeds for sowing            | (i) USA<br>(ii) Germany<br>(iii) Japan<br>(iv) France<br>(v) UK<br>(vi) Netherlands<br>(vii) Denmark<br>(viii) Australia | Nil                                                                                                                                                                                 | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                                                                         |

|      |                                                              |                                            |                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                     |
|------|--------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                              |                                            |                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                     |
| 165. | <i>Clematis</i> spp. (Clematis)                              | Plants for propagation                     | UK                                                                         | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                      |
|      |                                                              | Tissue cultured plants                     | Canada                                                                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                                                                                                                                                                                            | Nil                                                                                                                                                                                                                                                                                                                 |
| 166. | <i>Cleome</i> spp. (Cleome)                                  | Seeds for sowing                           | (i) Taiwan,<br>(ii) Netherlands<br>(iii) France<br>(iv) USA<br>(v) Germany | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                    |
| 167. | <i>Clerodendrum inerme</i> (Clerodendron)                    | Plants/ cuttings for propagation           | (i) Asia<br>(ii) USA                                                       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                      |
| 168. | <i>Clivia</i> spp.                                           | Tissue cultured plants                     | Any Country                                                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                                                                                                                                                                                            | Nil                                                                                                                                                                                                                                                                                                                 |
| 169. | <i>Coccothrinax</i>                                          | Seeds for sowing                           | Any country                                                                | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Free from quarantine weeds seeds and soil contamination.                                                                                                                                                                                                                                                            |
| 170. | <i>Cocos nucifera</i> (Coconut wood)                         | Wood without bark                          | Indonesia                                                                  | Free from:<br>(a) <i>Aleurodicus destructor</i> (coconut whitefly)<br>(b) <i>Chondracris rosea</i> (citrus locust)<br>(c) <i>Coptotermes</i> (termites)<br>(d) <i>Coptotermes curvignathus</i> (rubber termite)<br>(e) <i>Metamasius hemipterus</i> (West Indian cane weevil)<br>(f) <i>Nipaecoccus nipae</i> (spiked mealybug)<br>(g) <i>Rhynchophorus vulneratus</i> (Asiaticpalm weevil)<br>(h) <i>Unaspis citri</i> (citrus snow scale)<br>(i) <i>Ganoderma boninense</i> (basal stem rot of oil palm) | Fumigation with Methyl bromide at 48g per cubic metre for 24 hrs at 21°C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India. The treatments should be endorsed on Phytosanitary Certificate issued at the country of origin/ reexport |
| 171. | <i>Codiaeum variegatum</i> (Croton)                          | Plants for propagation                     | Asia                                                                       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                      |
| 172. | <i>Coffea</i> spp. (Coffee and related species of Rubiaceae) | Coffee beans for consumption or processing | Any Country                                                                | Free from Coffee Berry Borers ( <i>Hypothenemus hampei</i> , <i>Sophranica ventralis</i> )                                                                                                                                                                                                                                                                                                                                                                                                                 | Fumigation with Methyl bromide @ 32 g/cu. m at @ 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser.                                                                                  |

|      |                                                                                    |                             |                                                                                                               |                                                                        |                                                         |
|------|------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------|
|      |                                                                                    |                             |                                                                                                               |                                                                        |                                                         |
| 173. | <i>Coix lacryma-jobi</i> (Job's tear)                                              | Seeds for sowing            | Nepal                                                                                                         | Nil                                                                    | Freedom from quarantine weed seeds                      |
| 174. | <i>Colchicum autumnale</i> (Meadow saffron)                                        | Seeds for medicinal purpose | Germany                                                                                                       | Nil                                                                    | Free from soil and quarantine weed seeds.               |
| 175. | <i>Colchicum luteum</i>                                                            | Dried root for consumption  | Pakistan                                                                                                      | Nil                                                                    | Freedom from soil and other plant plant debris          |
|      |                                                                                    |                             | Iran                                                                                                          | Free from <i>Pectobacterium rhapontici</i> (rhubarb crown rot)         | Freedom from soil and other plant plant debris          |
| 176. | <i>Coleus</i> spp. (Coleus)                                                        | Seeds for sowing            | (i) Europe<br>(ii) USA<br>(iii) Taiwan<br>(iv) Russia<br>(v) Japan                                            | Nil                                                                    | Free from quarantine weed seeds.                        |
| 177. | <i>Consolida</i> spp.                                                              | Seeds for sowing            | Australia                                                                                                     | Free from <i>Pseudomonas syringae</i> pv. <i>delphinii</i> (leaf spot) | Freedom from quarantine weeds seeds.                    |
| 178. | <i>Consolida ambigua</i> (Consolida)                                               | Seeds for sowing            | (i) USA<br>(ii) UK<br>(iii) France<br>(iv) Germany<br>(v) Netherlands<br>(vi) Denmark                         | Nil                                                                    | Free from quarantine weed seeds.                        |
| 179. | <i>Consolida ambigua</i> (Delphinium)                                              | Seeds for sowing            | (i)Europe<br>(ii)USA<br>(iii)Canada                                                                           | Free from <i>Pseudomonas syringae</i> pv. <i>delphinii</i> (leaf spot) | Free from quarantine weed seeds and soil contamination. |
| 180. | <i>Convolvulus</i> spp. (Morning glory)                                            | Seeds for sowing            | USA                                                                                                           | Free from <i>Ditylenchus dipsaci</i> (Brown ring disease of hyacinth)  | Free from quarantine weed seeds.                        |
| 181. | <i>Corchorus capsularis</i> /<br><i>Corchorus</i> spp. (Jute and its wild species) | Seeds for sowing            | (i) Angola<br>(ii) Australia<br>(iii) Botswana<br>(iv) Caribbean Islands<br>(v) Central America<br>(vi) Ghana | Nil                                                                    | Freedom from quarantine weed seeds                      |

|      |                                          |                             |                                                                                                                                                                                                                                           |                                                                                                                                                                                 |                                                                                                                                                                  |
|------|------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                          |                             | (vii) Malawi<br>(viii) Mozambique<br>(ix) Namibia<br>(x) Nigeria<br>(xi) S. Africa<br>(xii) S. America<br>(xiii) Senegal<br>(xiv) Somalia<br>(xv) Sudan<br>(xvi) Tanzania<br>(xvii) USA<br>(xviii) Zaire<br>(xix) Zambia<br>(xx) Zimbabwe |                                                                                                                                                                                 |                                                                                                                                                                  |
| 182. | <i>Cordyline</i> spp.                    | (i) Tissue cultured plants  | (i) Netherlands<br>(ii) USA                                                                                                                                                                                                               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Impatiens necrotic spot virus<br>(b) Tomato spotted wilt virus | Nil                                                                                                                                                              |
|      |                                          |                             | (iii) Brazil                                                                                                                                                                                                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus                                             | Nil                                                                                                                                                              |
|      |                                          |                             | (iv) Any country except Netherlands USA and Brazil                                                                                                                                                                                        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                 | Nil                                                                                                                                                              |
|      |                                          | (ii) Plants for propagation | (i) Asia<br>(ii) USA                                                                                                                                                                                                                      | Nil                                                                                                                                                                             | Post entry quarantine growing for 45 days.                                                                                                                       |
| 183. | <i>Coreopsis lanceolata</i>              | Seeds for sowing            | (i) Netherlands<br>(ii) USA<br>(iii) France<br>(iv) Germany                                                                                                                                                                               | Nil                                                                                                                                                                             | Free from quarantine weed seeds.                                                                                                                                 |
| 184. | <i>Coriandrum sativum</i><br>(Coriander) | (i) Seeds for sowing        | (i) Australia<br>(ii) Italy<br>(iii) Japan<br>(iv) USA                                                                                                                                                                                    | Free from :<br>(a) <i>Pseudomonas viridiflava</i><br>(b) <i>Xanthomonas hortorum</i> pv. <i>carotae</i> (bacterial blight of carrot)<br>(c) Celery mosaic virus                 | (i) Free from quarantine weed seeds.<br>(ii) Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin. |



|      |                                               |                            |                                           |                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                         |
|------|-----------------------------------------------|----------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                               |                            | (v) China                                 | Free from <i>Pseudomonas viridiflava</i>                                                                           | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                        |
|      |                                               |                            | (vi) New Zealand                          | Free from :<br>(a) <i>Pseudomonas viridiflava</i><br>(b) Celery mosaic virus                                       | (i) Seed crop inspection and certification for Free from (b) by a competent authority at the country of origin.<br>(ii) Free from quarantine weed seeds.                                                                                                                                                                                                                |
|      |                                               |                            | (vii) France                              | Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato)                                         | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                        |
|      |                                               |                            | (viii) Thailand                           | Nil                                                                                                                | Nil                                                                                                                                                                                                                                                                                                                                                                     |
|      |                                               |                            | (ix) Bulgaria                             | Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato)                                         | Free from quarantine weed seeds and soil contamination.                                                                                                                                                                                                                                                                                                                 |
|      |                                               |                            | (x) Moldova                               | Nil                                                                                                                | Free from quarantine weed seeds and soil contamination.                                                                                                                                                                                                                                                                                                                 |
| 185. | <i>Cortaderia</i> spp.<br>(Pampas grass, etc) | Tissue cultured plants     | Any Country                               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from viruses. | Nil                                                                                                                                                                                                                                                                                                                                                                     |
| 186. | <i>Corylus</i> spp.<br>(Hazelnut)             | Nut (seed) for consumption | (i) Europe<br>(ii) Australia<br>(iii) USA | Free from <i>Ephestia elutella</i> (Chocolate moth)                                                                | (i) Fumigation with Methyl bromide at 32 g. per cubic metre for 24 hrs. at 21°C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.<br><br>(ii) Free from soil and quarantine weed seeds. |

|      |                                    |                                              |                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                     |
|------|------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                    |                                              | (iv) Turkey                                                                                                | Free from <i>Xanthomonas arboricola</i> pv. <i>corylina</i> (hazelnut blight)                                                                                                                                                                                                                                                                                                                                                         | (i) Fumigation with Methyl bromide at 32 g. per cubic metre for 24 hrs. at 21°C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.<br>(ii) Free from soil and quarantine weed seeds. |
| 187. | <i>Corylus avellana</i> (Hazelnut) | (i) Grafts/ budwoods/ plants for propagation | USA                                                                                                        | Free from:<br>(a) <i>Acrosternum hilare</i> (stink bug)<br>(b) <i>Euproctis chrysorrhoea</i> (tail moth)<br>(c) <i>Orgyia antiqua</i> (tussock moth)<br>(d) <i>Xyleborus dispar</i> (ambrosia beetle)<br>(e) <i>Anisogramma anomala</i><br>(f) <i>Eutypa lata</i> (Eutypa dieback)<br>(g) <i>Heterobasidium annosum</i><br>(h) <i>Rhizobium rhizogenes</i><br>(i) <i>Xanthomonas arboricola</i> pv. <i>corylina</i> (hazelnut blight) | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month                                                                                                                                                                                        |
|      |                                    | (ii) Seeds (Nuts) for sowing                 | USA                                                                                                        | Free from:<br>(a) <i>Xanthomonas arboricola</i> pv. <i>corylina</i> (hazelnut blight)                                                                                                                                                                                                                                                                                                                                                 | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post-entry quarantine growing for 2-3 months except for research.                                                                                                                                                 |
| 188. | <i>Cosmos</i> spp. (Cosmos)        | Seeds for sowing                             | (i) USA<br>(ii) France<br>(iii) Netherlands<br>(iv) Taiwan<br>(v) Japan<br>(vi) Germany<br>(vii) Australia | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                   | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                    |
| 189. | <i>Crambe abyssinnica</i>          | Seeds for sowing                             | UK                                                                                                         | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                   | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                  |

|      |                                         |                            |                                                                    |                                                                                                                          |                                                                                                                                                                  |
|------|-----------------------------------------|----------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 190. | <i>Crataegus</i> spp. (Indian Hawthorn) | Tissue cultured plants     | Any Country                                                        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus          | Nil                                                                                                                                                              |
| 191. | <i>Crocus sativus</i> (Saffron)         | Corms for propagation      | (i) Algeria<br>(ii) China                                          | Free from:<br>(a) <i>Ditylenchus dipsaci</i><br>(b) <i>Burkholderia gladioli</i>                                         | (i) Freedom from soil<br>(ii) Post-entry quarantine growing for 2-3 months except for research.                                                                  |
|      |                                         |                            | (iii) Germany<br>(iv) Iran<br>(v) Spain                            | Free from;<br><i>Ditylenchus dipsaci</i>                                                                                 |                                                                                                                                                                  |
| 192. | <i>Crossandra</i> spp.                  | Seeds for sowing           | Taiwan                                                             | Nil                                                                                                                      | Free from quarantine weed seeds.                                                                                                                                 |
| 193. | <i>Crotolaria</i> spp. (Crotolaria)     | Seeds for sowing           | Japan                                                              | Nil                                                                                                                      | Free from quarantine weed seeds.                                                                                                                                 |
| 194. | <i>Crotolaria juncea</i> (Sunnhemp)     | Seeds for sowing           | USA                                                                | Nil                                                                                                                      | Free from quarantine weed seeds                                                                                                                                  |
| 195. | <i>Cryptocoryne wendtii</i>             | (i) Plants for propagation | (i) Japan<br>(ii) Thailand                                         | Nil                                                                                                                      | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 60 days.                                                                |
|      |                                         | (ii) Tissue culture plants | (i) Japan<br>(ii) Thailand                                         | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.      | Nil                                                                                                                                                              |
| 196. | <i>Cucumis melo</i> (Muskmelon)         | Seeds for sowing           | (i) China<br>(ii) Netherlands                                      | Free from :<br>(a) <i>Pseudomonas viridiflava</i><br>(b) Zucchini yellow mosaic virus                                    | (i) Free from quarantine weed seeds.<br>(ii) Seed crop inspection and certification for Free from (b) by a competent authority at the country of origin          |
|      |                                         |                            | (iii) France                                                       | Free from :<br>(a) <i>Pseudomonas viridiflava</i><br>(b) Zucchini yellow fleck virus<br>(c) Zucchini yellow mosaic virus | (i) Free from quarantine weed seeds.<br>(ii) Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin. |
|      |                                         |                            | (iv) Hong Kong,<br>(v) Korea DPR,<br>(vi) Thailand<br>(vii) Russia | Nil                                                                                                                      | Nil                                                                                                                                                              |

|      |                                                       |                                           |                                                                           |                                                                                                                                                                                                                     |                                                                                                                                                                  |
|------|-------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                       |                                           | (viii) Japan                                                              | Free from :<br>(a) <i>Pseudomonas viridiflava</i><br>(b) Melon necrotic spot virus<br>(c) Zucchini yellow mosaic virus                                                                                              | (i) Free from quarantine weed seeds.<br>(ii) Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin. |
|      |                                                       |                                           | (ix) USA                                                                  | Free from :<br>(a) <i>Acidovorax avenae subsp. citrulli</i> (bacterial fruit blotch of watermelon)<br>(b) <i>Pseudomonas viridiflava</i><br>(c) Lettuce infectious yellow virus<br>(d) Zucchini yellow mosaic virus | (i) Free from quarantine weed seeds.<br>(ii) Seed crop inspection and certification for Free from (a) to (d) by a competent authority at the country of origin   |
|      |                                                       |                                           | (x) Spain,<br>(xi) Israel<br>(xii) Taiwan<br>(xiii) Jordan<br>(xiv) Italy | Free from Zucchini yellow mosaic virus                                                                                                                                                                              | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from Zucchini yellow mosaic virus.                                       |
|      |                                                       |                                           | (xv) Chile                                                                | Nil                                                                                                                                                                                                                 | Free from quarantine weed seeds                                                                                                                                  |
|      |                                                       | (ii) Dried grains (seeds) for consumption | Any Country                                                               | Nil                                                                                                                                                                                                                 | Nil                                                                                                                                                              |
|      |                                                       | (iii) Fruits for consumption              | (i) Thailand                                                              | Free from <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealy bug)                                                                                                                                             | Nil                                                                                                                                                              |
|      |                                                       |                                           | (ii) Afghanistan                                                          | Nil                                                                                                                                                                                                                 | Nil                                                                                                                                                              |
| 197. | <i>Cucumis sativus</i> (Cucumber and related species) | Seeds for sowing                          | (i) Russia                                                                | Free from:<br>(a) <i>Pseudomonas putida</i><br>(b) <i>Fusarium oxysporum f. sp. cucumerinum</i> (fusarial wilt)<br>(c) Arabis mosaic virus (hop bare-bine)<br>(d) Tomato ringspot virus                             | (i) Free from quarantine weeds seeds.<br>(ii) Crop inspection and certification for Free from arabis mosaic virus and tomato ringspot virus.                     |

|      |                                            |                  |                                                                                              |                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                             |
|------|--------------------------------------------|------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                            |                  | (ii) Any country except Russia                                                               | Free from:<br>(a) Fusarial wilts ( <i>Fusarium oxysporum</i> f.sp. <i>cucumerinum</i> )<br>(b) Black spot ( <i>Phomopsis sclerotoides</i> )<br>(c) Septoria leaf spot ( <i>Septoria cucurbitarum</i> )<br>(d) Cucumber seed-borne virus viz. leaf spot<br>(e) <i>Verticillium alboatrum</i><br>(f) Squash mosaic virus | (i) Free from quarantine weeds seeds.<br>(ii) Crop inspection and certification for Free from cucumber seed-borne virus and squash mosaic virus.                                                                            |
| 198. | <i>Cucurbita</i> spp.                      | Seeds for sowing | New Zealand                                                                                  | Free from:<br>(a) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato (USA))<br>(b) Arabis mosaic virus (hop barebine)<br>(c) Squash mosaic virus (squash mosaic)<br>(d) Zucchini yellow mosaic virus                                                                                                      | (i) Free from quarantine weed seeds and soil.<br>(ii) Crop inspection and certification for free from (b) Arabis mosaic virus (hop bare-bine), (c) Squash mosaic virus (squash mosaic) and (d) Zucchini yellow mosaic virus |
| 199. | <i>Cucurbita maxima</i><br>(Banana Squash) | Seeds for sowing | (i) Japan<br>(ii) Argentina<br>(iii) South Africa<br>(iv) Taiwan<br>(v) Italy<br>(vi) France | Free from Zucchini yellow mosaic virus                                                                                                                                                                                                                                                                                 | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from Zucchini yellow mosaic virus.                                                                                                  |
|      |                                            |                  | (vii) Korea ROK                                                                              | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                                                                                                                                                             | Free from quarantine weed seeds.                                                                                                                                                                                            |
|      |                                            |                  | (viii) USA                                                                                   | Free from:<br>(a) Lettuce infectious yellow virus<br>(b) Zucchini yellow mosaic virus                                                                                                                                                                                                                                  | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from lettuce infectious yellow virus and zucchini yellow mosaic virus.                                                              |
|      |                                            |                  | (ix) China<br>(x) Netherlands<br>(xi) Germany                                                | Free from:<br>(a) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)<br>(b) Zucchini yellow mosaic virus                                                                                                                                                                                                 | (i) Free from quarantine weeds seeds.<br>(ii) Crop inspection and certification for Free from zucchini yellow mosaic virus.                                                                                                 |
|      |                                            |                  | (xii) Korea DPR<br>(xiii) Thailand<br>(xiv) Vietnam<br>(xv) Russia<br>(xvi) Philippines      | Nil                                                                                                                                                                                                                                                                                                                    | Free from quarantine weed seeds.                                                                                                                                                                                            |

|      |                                       |                  |                                                                                                                   |                                                                                                                                                                                    |                                                                                                                                                                           |
|------|---------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                       |                  | (i) Israel                                                                                                        | Nil                                                                                                                                                                                | Freedom from quarantine weed seeds                                                                                                                                        |
|      |                                       |                  | (ii) Czech Republic                                                                                               | Free from:<br><i>Arabis mosaic virus</i><br><i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                       | (i) Seed crop inspection and certification for free from (a) & (b) by a competent authority at the country of origin<br>(ii) Post entry quarantine growing for 2-3 months |
| 200. | <i>Cucurbita moschata</i> (Pumpkin)   | Seeds for sowing | (i) Japan<br>(ii) Argentina                                                                                       | Free from Zucchini yellow mosaic virus                                                                                                                                             | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from Zucchini yellow mosaic virus.                                                |
|      |                                       |                  | (ii) Korea DPR<br>(iii) Korea ROK<br>(v) Thailand                                                                 | Nil                                                                                                                                                                                | Free from quarantine weed seeds.                                                                                                                                          |
|      |                                       |                  | (vi) UK<br>(vii) Germany<br>(viii) Denmark<br>(ix) France<br>(x) Italy<br>(xi) Spain<br>(xii) The Netherlands     | Free from<br><i>Peridroma saucia</i> (Pearly underwing moth)                                                                                                                       | Freedom from quarantine weed seeds.                                                                                                                                       |
|      |                                       |                  | (xiii) Philippines                                                                                                | Nil                                                                                                                                                                                | Free from quarantine weed seeds and soil contamination.                                                                                                                   |
|      |                                       |                  |                                                                                                                   |                                                                                                                                                                                    |                                                                                                                                                                           |
| 201. | <i>Cucurbita pepo</i> (Summer Squash) | Seeds for sowing | (i) Australia                                                                                                     | Free from:<br>(a) <i>Arabis mosaic virus</i> (hop bare-bine)<br>(b) Zucchini yellow mosaic virus I<br>(c) <i>Acidovorax avenae</i> subsp. <i>citrulli</i> (bacterial fruit blotch) | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from (a) and (b)                                                                  |
|      |                                       |                  | (ii) China<br>(iii) France<br>(iv) Germany<br>(v) Italy<br>(vi) Japan<br>(vii) South Africa<br>(viii) Netherlands | Free from:<br>(a) <i>Arabis mosaic virus</i> (hop barebine)<br>(b) Zucchini yellow mosaic virus                                                                                    | (i) Free from quarantine weed seeds<br>(ii) Crop inspection and certification for Free from viruses indicated in column 5                                                 |

|      |                                |                        |                                                                                 |                                                                                                                                                                       |                                                                                                                                                                |
|------|--------------------------------|------------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                |                        | (ix) Korea DPR<br>(x) Korea ROK<br>(xi) Thailand                                | Nil                                                                                                                                                                   | Free from quarantine weed seeds.                                                                                                                               |
|      |                                |                        | (xii) USA                                                                       | Free from:<br>(a) <i>Acidovorax avenae</i> subsp. <i>citrulli</i> (bacterial fruit blotch)<br>(b) Lettuce infectious yellow virus<br>(c) Zucchini yellow mosaic virus | (i) Free from quarantine weed seeds.<br>(ii) Seed crop inspection and certification for Free from (a) to (c) by a competent authority at the country of origin |
|      |                                |                        | (xiii) Jordan<br>(xiv) Argentina<br>(xv) Israel<br>(xvi) Taiwan<br>(xvii) Spain | Free from Zucchini yellow mosaic virus                                                                                                                                | (i) Free from quarantine weeds seeds.<br>(ii) Crop inspection and certification for Free from zucchini yellow mosaic virus.                                    |
|      |                                |                        | (xviii) Russia                                                                  | Free from Arabis mosaic virus (hop bare-bine)                                                                                                                         | (i) Free from quarantine weeds seeds.<br>(ii) Crop inspection and certification for Free from arabis mosaic virus.                                             |
|      |                                |                        | (xix) Chile                                                                     | Free from zucchini yellow mosaic virus                                                                                                                                | (i) Freedom from quarantine weeds seeds.<br>(ii) Crop inspection and certification for freedom from zucchini yellow mosaic virus.                              |
|      |                                |                        | (xx) U.K.                                                                       | Free from:<br>(a) <i>Arabis</i> mosaic virus<br>(b) <i>Trialeurodes vaporariorum</i><br>(c) <i>Diabrotica virgifera virgifera</i>                                     | Freedom from quarantine weeds seeds                                                                                                                            |
| 202. | <i>Cuminum cyminum</i> (Cumin) | Seeds for sowing       | Iran                                                                            | Nil                                                                                                                                                                   | Nil                                                                                                                                                            |
| 203. | <i>Curcuma</i> spp.            | Tissue cultured plants | (i) Taiwan                                                                      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from alpinia mosaic virus                                        | Nil                                                                                                                                                            |
|      |                                |                        | (ii) Any country except Taiwan                                                  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                       | Nil                                                                                                                                                            |
| 204. | <i>Cyathochaeta</i> spp.       | Tissue culture plants  | Australia                                                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus                                                   | Nil                                                                                                                                                            |

|      |                                                      |                                      |                                       |                                                                                                                                                                                                                                                                                      |                                                                                                                    |
|------|------------------------------------------------------|--------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 205. | <i>Cycas</i> spp.                                    | (i) Seeds for sowing                 | Any Country                           | Nil                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                   |
|      |                                                      | (ii) Plants for propagation          | Any Country                           | Nil                                                                                                                                                                                                                                                                                  | Post entry quarantine growing for a period of 45 days.                                                             |
| 206. | <i>Cyclamen</i> spp. (Cyclamen)                      | Seeds for sowing                     | (i) Europe<br>(ii) USA<br>(iii) Japan | Free from:<br>(a) <i>Tobacco rattle virus</i> (spraying of potato)<br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                                                           | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from tobacco rattle virus. |
|      |                                                      |                                      | Australia                             | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                                                                                                                           | Free from quarantine weeds seeds.                                                                                  |
|      |                                                      | (ii) Tissue culture plants           | Japan                                 | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                      | Nil                                                                                                                |
| 207. | <i>Cymbopogon citrates</i> (Lemongrass)              | Vegetable for consumption            | Thailand                              | Nil                                                                                                                                                                                                                                                                                  | Nil                                                                                                                |
| 208. | <i>Cynodon dactylon</i> (lawn grass)                 | (i) Seed for sowing                  | (i) UK                                | Nil                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds                                                                                    |
|      |                                                      |                                      | (ii) Australia                        | Nil                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds                                                                                    |
|      |                                                      |                                      | (iii) USA                             | Free from <i>Gaeumannomyces graminis</i> var. <i>graminis</i> (crown sheath rot)                                                                                                                                                                                                     | Free from quarantine weed seeds and soil contamination.                                                            |
|      |                                                      |                                      | Spain                                 | Nil                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds and soil contamination.                                                            |
|      |                                                      | (ii) Grass for propagation           | USA                                   | Free from:-<br>(a) <i>Chaetocnema pulicaria</i> (corn flea beetle)<br>(b) <i>Belonolaimus longicaudatus</i> (sting nematode)<br>(c) <i>Tylenchorhynchus acutus</i> (stylet-stunt nematode)<br>(d) <i>Clavibacter xyli</i> sub sp. <i>cynodontis</i> (Bermuda grass stunting disease) | (i) Free from quarantine weed seeds/ plants and soil.<br>(ii) Post-entry quarantine for a period of 9 months       |
|      |                                                      |                                      | Indonesia                             | Nil                                                                                                                                                                                                                                                                                  | (i) Free from quarantine weed seeds/ plants and soil.<br>(ii) Post-entry quarantine for a period of 9 months       |
| 209. | <i>Cynodon dactylon</i> / <i>C. dactylon</i> hybrids | Germplasm material for research only | Kenya                                 | Nil                                                                                                                                                                                                                                                                                  | Freedom from quarantine weed seeds                                                                                 |



|      |                                           |                                                            |             |                                                                                                                                                                           |                                                                                                                                                                                   |
|------|-------------------------------------------|------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 210. | <i>Cyphomandra betacea</i><br>(Tamarillo) | (i) Seeds for sowing                                       | (i) Italy   | Free from <i>Arabid mosaic virus</i>                                                                                                                                      | (i) Freedom from quarantine weed seeds<br>(ii) Crop inspection and certification for freedom from <i>Arabid mosaic virus</i><br>(iii) Post entry quarantine growing for 6-9 month |
|      |                                           |                                                            | (ii) USA    | Nil                                                                                                                                                                       |                                                                                                                                                                                   |
|      |                                           | (ii) Cuttings for propagation                              | (iii) Spain | Nil                                                                                                                                                                       | (i) Freedom from soil<br>(ii) Post- entry quarantine growing for 6-9 month except for research.                                                                                   |
|      |                                           |                                                            | (i) Italy   | Free from:<br>(a) <i>Trialeurodes vaporariorum</i><br>(b) <i>Phytophthora cryptogea</i> (foot rot)<br>(c) <i>Arabid mosaic virus</i>                                      |                                                                                                                                                                                   |
|      |                                           |                                                            | (ii) Spain  | Free from:<br>(a) <i>Trialeurodes vaporariorum</i> (glasshouse whitefly)<br>(b) <i>Phytophthora cryptogea</i>                                                             |                                                                                                                                                                                   |
|      |                                           |                                                            | (iii) USA   | Free from:<br>(a) <i>Chrysodeixis includens</i><br>(b) <i>Trialeurodes vaporariorum</i><br>(c) <i>Phytophthora cryptogea</i> (foot rot)<br>(h) <i>Arabid mosaic virus</i> |                                                                                                                                                                                   |
| 211. | <i>Daemonorops verticillaris</i>          | Seeds for sowing                                           | Any Country | Nil                                                                                                                                                                       | Free from quarantine weeds seeds and soil contamination.                                                                                                                          |
| 212. | <i>Dahlia</i> spp.                        | Seeds for sowing                                           | Australia   | Nil                                                                                                                                                                       | Free from quarantine weeds seeds.                                                                                                                                                 |
| 213. | <i>Dampiera wellsiana</i>                 | Tissue culture plants                                      | Australia   | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                       | Nil                                                                                                                                                                               |
| 214. | <i>Dasypogon romeliifolius</i>            | Tissue culture plants                                      | Australia   | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                       | Nil                                                                                                                                                                               |
| 215. | <i>Datura alba</i>                        | Dry plant material (All plant parts) for medicinal purpose | China       | Nil                                                                                                                                                                       | Free from quarantine weeds seeds and soil                                                                                                                                         |
| 216. | <i>Daucus carota</i> (Carrot)             | Seeds for sowing                                           | Any Country | Free from:<br>(a) Bacterial blight ( <i>Xanthomonas hortorum</i> pv. <i>carotae</i> )<br>(b) Carrot viruses (mottle dwarf, red leaf and yellow leaf)                      | (a) Free from quarantine weed seeds.<br>(b) Crop inspection and certification for Free from carrot viruses.                                                                       |
| 217. | <i>Davallia</i> spp. (Davallia)           | Plants for propagation                                     | Asia        | Nil                                                                                                                                                                       | Post entry quarantine for a period of 45 days.                                                                                                                                    |
| 218. | <i>Delonix elata</i>                      | Seeds for sowing                                           | Africa      | Nil                                                                                                                                                                       | Free from quarantine weed seeds.                                                                                                                                                  |
| 219. | <i>Delosperma cooperi</i> (Ice Plant)     | Plants for propagation                                     | USA         | Nil                                                                                                                                                                       | Post entry quarantine for a period of 45 days.                                                                                                                                    |

|      |                                           |                             |                                                    |                                                                                                                                                                                                                                                                                         |                                                                                                                 |
|------|-------------------------------------------|-----------------------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 220. | <i>Delphinium hybrids</i><br>(Delphinium) | (i) Seeds for sowing        | (i) Europe<br>(ii) USA<br>(iii) Japan              | Nil                                                                                                                                                                                                                                                                                     | Free from quarantine weed seeds.                                                                                |
|      |                                           | (ii) Tissue cultured plants | (i) Japan                                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from aster yellows (phytoplasmas)                                                                                                                                                  | Nil                                                                                                             |
|      |                                           |                             | (ii) UK                                            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from potato virus X                                                                                                                                                                | Nil                                                                                                             |
|      |                                           |                             | (iii) Lithuania                                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Cucumis virus 1<br>(b) Tomato ring spot nepo virus<br>(c) Tobacco rattle virus<br>(d) Peony virus 1                                                                    | Nil                                                                                                             |
|      |                                           |                             | (iv) Any country except UK, Lithuania and Japan    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                        | Nil                                                                                                             |
| 221. | <i>Dendrocalamus</i> spp.<br>(Bamboo)     | Seeds for sowing            | (i) China<br>(ii) Thailand                         | Nil                                                                                                                                                                                                                                                                                     | Free from quarantine weed seeds                                                                                 |
| 222. | <i>Desmodium</i> spp.                     | Seeds for sowing            | Kenya                                              | Nil                                                                                                                                                                                                                                                                                     | Freedom from quarantine weed seeds                                                                              |
| 223. | <i>Dianella</i> spp. (Native flax)        | Tissue culture plants       | Australia                                          | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from viruses                                                                                                                                                                            | Nil                                                                                                             |
| 224. | <i>Dianthus</i> spp.<br>(Carnation)       | (i) Seeds for sowing        | (i) Guatemala                                      | Nil                                                                                                                                                                                                                                                                                     | Free from quarantine weed seeds.                                                                                |
|      |                                           |                             | (ii) Japan                                         | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Arabis mosaic virus</i> (hop barebine)                                                                                                                                                                  | (i)Free from quarantine weed seeds.<br>(ii)Crop inspection and certification for Free from arabis mosaic virus. |
|      |                                           | (ii) Seeds/Cut flowers      | Any Country (for seeds except Guatemala and Japan) | (a) Free from:<br>Rust ( <i>Uromyces dianthi</i> )<br>(b) Smut ( <i>Sorosporium spaonariae</i> )<br>(c) Downy mildew ( <i>Peronospora dianthi</i> , <i>P. dianthicola</i> )<br>(d) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(e) <i>Arabis mosaic virus</i> (hop barebine) | (i)Free from quarantine weed seeds.<br>(ii)Crop inspection and certification for Free from arabis mosaic virus. |

|  |  |                                                    |                            |                                                                                                                                                                                                                                                                                                                                                                                    |                                                            |
|--|--|----------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
|  |  | (iii) Cuttings/<br>saplings for<br>sowing/planting | Any Country                | Free from:<br>(a) Bacterial wilt and stem cracking ( <i>Burkholderia caryophylli</i> )<br>(b) Slow wilt ( <i>Erwinia chrysanthemi</i> pv. <i>dianthicola</i> )<br>(c) Rust ( <i>Uromyces dianthi</i> )<br>(d) Smut ( <i>Sorosporium spaonariae</i> )<br>(e) Downy mildew ( <i>Peronospora dianthi</i> , <i>P. dianthicola</i> )<br>(f) Carnation viruses viz. latent, mottle virus | Post-entry quarantine facility for a period of 45-60 days. |
|  |  | (iv) Tissue cultured plants                        | (i) Italy                  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Carnation 1 alpha crypto virus<br>(b) Carnation 2 alpha crypto virus<br>(c) Carnation Italian ring spot virus<br>(d) Carnation yellow stripe virus<br>(e) Carnation vein mottle virus<br>(f) Carnation ring spot virus                                          | Nil                                                        |
|  |  |                                                    | (ii) New Zealand           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from carnation rhabdo virus                                                                                                                                                                                                                                                   | Nil                                                        |
|  |  |                                                    | (iii) UK                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Carnation Italian ring spot virus<br>(b) Carnation ring spot virus<br>(c) Carnation vein mottle virus                                                                                                                                                           | Nil                                                        |
|  |  |                                                    | (iv) USA                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from carnation Italian ring spot virus.                                                                                                                                                                                                                                       | Nil                                                        |
|  |  |                                                    | (v) Germany                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) Carnation Italian ring spot virus<br>(b) Carnation ring spot virus                                                                                                                                                                                               | Nil                                                        |
|  |  |                                                    | (vi) Israel<br>(vii) Spain | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Carnation vein mottle virus<br>(b) Carnation ring spot virus                                                                                                                                                                                                    | Nil                                                        |

|      |                                                                   |                                           |                                                                                                                                                                                       |                                                                                                                                              |                                       |
|------|-------------------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
|      |                                                                   |                                           | (viii) Argentina,<br>(ix) Lithuania,<br>(x) France,<br>(xi) China,<br>(xii) Australia,<br>(xiii) Romania,<br>(xiv) Yugoslavia,<br>(xv) Denmark,<br>(xvi) Japan,<br>(xvii) Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from carnation ring spot virus.         | Nil                                   |
|      |                                                                   |                                           | (xviii) Any country except Italy, New Zealand, UK, USA, Germany, Israel, Spain, Argentina, Lithuania, France, China, Australia, Romania, Yugoslavia, Denmark, Japan and Netherlands   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                              | Nil                                   |
| 225. | <i>Dianthus chinensis</i>                                         | Seeds for sowing                          | Netherlands                                                                                                                                                                           | Nil                                                                                                                                          | Free from quarantine weed seeds.      |
| 226. | <i>Dicentra</i> spp.                                              | Tissue cultured plants                    | (i) USA                                                                                                                                                                               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco rattle virus (Tobravirus). | Nil                                   |
|      |                                                                   |                                           | (ii) Any country except USA                                                                                                                                                           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                             | Nil                                   |
| 227. | <i>Dichanthium sericeum</i> /<br><i>D. aristatum</i> (blue grass) | Germplasm material for research only      | Australia                                                                                                                                                                             | Nil                                                                                                                                          | Freedom from quarantine weed seeds    |
| 228. | <i>Dichrostachys cinerea</i>                                      | (i) Dried pods for consumption/processing | (i) Tanzania                                                                                                                                                                          | Nil                                                                                                                                          | Free from soil and other plant debris |
| 229. | <i>Dielsia</i> spp.                                               | Tissue culture plants                     | Australia                                                                                                                                                                             | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus                          | Nil                                   |

|      |                                                    |                                                |                                              |                                                                                                                  |                                                                                                                                                                                                                |
|------|----------------------------------------------------|------------------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 230. | <i>Digitalis spp.</i>                              | Seeds for sowing                               | Guatemala                                    | Nil                                                                                                              | Free from quarantine weeds seeds and soil                                                                                                                                                                      |
| 231. | <i>Digitaria ciliaris</i>                          | Germplasm material for research only           | Kenya                                        | Nil                                                                                                              | Freedom from quarantine weed seeds                                                                                                                                                                             |
| 232. | <i>Digitaria exilis, D. longiflora</i> (Crabgrass) | Germplasm material for research only           | (i) Australia<br>(ii) USA                    | Nil<br>Free from <i>Aceria toschiella</i> (Wheat mosaic mite)                                                    |                                                                                                                                                                                                                |
| 233. | <i>Dimocarpus longan</i> (Longan)                  | (i) Fruits for consumption                     | (i) Thailand                                 | Nil                                                                                                              | Nil                                                                                                                                                                                                            |
|      |                                                    | (ii) Grafted plants/ seedlings for propagation | (i) Australia<br>(ii) China,<br>(iii) Taiwan | Nil                                                                                                              | (i) Freedom from soil<br>(ii) Post entry quarantine growing for a period of 2-3 months except for research.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
|      |                                                    | (iii) Seeds for sowing                         | (i) Australia<br>(ii) China,<br>(iii) Taiwan | Nil                                                                                                              | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                       |
| 234. | <i>Dimorphotheca spp.</i>                          | Seeds for sowing                               | Europe                                       | Nil                                                                                                              | Freedom from quarantine weeds seeds.                                                                                                                                                                           |
| 235. | <i>Dionea</i> (Venus fly trap)                     | Tissue cultured plants                         | Any Country                                  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil                                                                                                                                                                                                            |
| 236. | <i>Dioon sp.</i>                                   | Seeds for sowing                               | Any Country                                  | Nil                                                                                                              | Free from quarantine weed seeds.                                                                                                                                                                               |
| 237. | <i>Diospyros digyna</i> (Black sapota)             | Plants/ cuttings for propagation               | Israel                                       | Nil                                                                                                              | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(ii) Post entry quarantine for a growing period of 6-9 months.                        |

|      |                                   |                                               |                                                       |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------|-----------------------------------|-----------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 238. | <i>Diospyros kaki</i> (Persimmon) | (i) Seeds for sowing                          | (i) Japan<br>(ii) China<br>(iii) Italy<br>(iv) Russia | Nil                                                                                                                                                                                                                                                                                                                  | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|      |                                   | (ii) Grafts/ budwoods/ plants for propagation | (i) Japan                                             | Free from:<br>(a) <i>Ceroplastes japonicus</i><br>(b) <i>Halyomorpha halys</i><br>(c) <i>Homona magnanima</i> ( tea tortrix)<br>(d) <i>Pantomorus cervinus</i> (rose beetle)<br>(e) <i>Parabemisia myricae</i> (whitefly)<br>(f) <i>Rhizobium rhizogenes</i>                                                         | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 2-3 month.                                                                                                                                                                                                                                                                                                                     |
|      |                                   |                                               | (ii) Russia                                           | Free from:<br>(a) <i>Ceroplastes japonicus</i> ( wax scale)<br>(b) <i>Pantomorus cervinus</i><br>(c) <i>Colomerus vitis</i> (grape mite )<br>(d) <i>Rhizobium rhizogenes</i>                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|      |                                   |                                               | (iii) Italy                                           | Free from:<br>(a) <i>Ceroplastes japonicus</i> (wax scale)<br>(b) <i>Pantomorus cervinus</i> (rose beetle)<br>(c) <i>Parabemisia myricae</i> (whitefly)<br>(d) <i>Sesamia nonagrioides</i><br>(e) <i>Colomerus vitis</i> (grape mite )<br>(f) <i>Eutypa lata</i> (Eutypa dieback)<br>(g) <i>Rhizobium rhizogenes</i> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|      |                                   | (iii) Fresh fruits for consumption            | (i) Spain                                             | Free from:<br>a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>b) <i>Lobesia botrana</i> (Grape berry moth)<br>c) <i>Pseudococcus calceolariae</i> (Scarlet mealybug)<br>d) <i>Pseudococcus viburni</i> (Mealybug)<br>e) <i>Sesamia nonagrioides</i> (Mediterranean corn stalk borer)                       | (i) Pest free area status for <i>Ceratitis capitata</i> as per international standards<br>Or<br>Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against fruit fly and<br>(ii) Methyl Bromide fumigation @ 32 g/m <sup>3</sup> for 2hrs at 210C and above at NAP or equivalent thereof.<br>The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/re-export. |

|      |                                  |                              |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------|----------------------------------|------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                  |                              | (ii) South Africa        | <p>Free from:</p> <ul style="list-style-type: none"> <li>a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)</li> <li>b) <i>Ceratitis rosa</i> (Natal fruit fly)</li> <li>c) <i>Pantomorus cervinus</i> (Fuller's rose beetle)</li> <li>d) <i>Thaumatotibia leucotreta</i> (False codling moth)</li> <li>e) <i>Delottococcus elisabethae</i> (Mealy bug)</li> <li>f) <i>Heliophthrips sylvanus</i> (Thrips)</li> <li>g) <i>Planococcus ficus</i> (Vine mealy bug)</li> <li>h) <i>Prietocella ventricosa</i> (Snail)</li> <li>i) <i>Pseudnococcus calceolariae</i> (Citrophilus mealy bug)</li> <li>j) <i>Pseudnococcus viburni</i> (Pear and Apple mealy bug)</li> </ul> | <p>a) Pest free area status for <i>Ceratitis</i> spp. as per international standards or<br/>Pre shipment cold treatment at 0 °C or below for 10 days; 0.55 °C or below for 11 days; 1.1 °C or below for 12 days plus in-transit refrigeration against fruit flies and</p> <p>b) MBr fumigation @ 32 g/cubic metre for 2 hrs at 21 °C or above at NAP or equivalent thereof.<br/>The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.</p> |
| 239. | <i>Dipteryx odorata</i> (Cumaru) | Wood with or without bark    | Brazil                   | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.                                                                                                                                                                                                            |
| 240. | <i>Dolichos lablab</i> (Lablab)  | Grain (seed) for consumption | Myanmar                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>(i) Fumigation with Methyl bromide at 32 g. per cubic metre for 24 hrs. at 21°C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.</p> <p>(ii) Free from quarantine weed seeds.</p>                                                                                                                          |
| 241. | <i>Dovyalis caffra</i>           | (i)Plants for propagation    | Thailand, Australia, USA | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>(i)Post-entry quarantine growing for a period of 4-6 months</p> <p>(ii) Free from soil.</p> <p>(iii)Commercial imports subject to prior approval of Department of Agriculture</p>                                                                                                                                                                                                                                                                                                         |

|      |                                                  |                                          |                                |                                                                                                                                                                                                                                     |                                                                                                                                                                                                   |
|------|--------------------------------------------------|------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                  |                                          |                                |                                                                                                                                                                                                                                     | and Cooperation                                                                                                                                                                                   |
| 242. | <i>Dovyalis hebecarpa</i><br>(Ceylon gooseberry) | Plants/ cuttings for propagation         | Israel                         | Nil                                                                                                                                                                                                                                 | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.          |
| 243. | <i>Dracaena</i> spp.<br>(Bamboo Lucky)           | Plants for propagation                   | Asia                           | Nil                                                                                                                                                                                                                                 | Post-entry quarantine for a period of 45 days.                                                                                                                                                    |
| 244. | <i>Duranta</i> spp. (Duranta)                    | Plants/ cuttings for propagation         | (i) Asia<br>(ii) USA           | Nil                                                                                                                                                                                                                                 | Post-entry quarantine for a period of 45 days.                                                                                                                                                    |
| 245. | <i>Durio zibethinus</i><br>(Durian)              | Fruits for consumption                   | (i) Thailand<br>(ii) Sri Lanka | Nil                                                                                                                                                                                                                                 | Nil                                                                                                                                                                                               |
|      |                                                  | Grafts/ budwoods/ plants for propagation | (i) Thailand                   | Free from:<br>(a) <i>Allocarsidara malayensis</i><br>(b) <i>Mudaria magniplaga</i><br>(c) <i>Orgyia turbata</i> (tussock moth)<br>(d) <i>Oxyodes scrobiculata</i><br>(e) <i>Eutetranychus africanus</i> (citrus brown mite)         | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research. |
|      |                                                  |                                          | (ii) Indonesia                 | Free from:<br>(a) <i>Allocarsidara malayensis</i><br>(b) <i>Graphium agamemnon</i><br>(c) <i>Icerya pulchra</i><br><i>Nisotra javanica</i>                                                                                          | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research. |
|      |                                                  |                                          | (iii) Malaysia                 | Free from<br>(a) <i>Allocarsidara malayensis</i><br>(b) <i>Asterolecanium unguatum</i><br>(c) <i>Icerya pulchra</i><br>(d) <i>Mudaria magniplaga</i><br>(e) <i>Orgyia turbata</i> (tussock moth)<br>(f) <i>Oxyodes scrobiculata</i> | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research. |



|      |                                                  |                                      |                                                                                        |                                                                                                                                                                         |                                                                                                                                                                                                                |
|------|--------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                  |                                      | (iv) Mauritius<br>(v) New Zealand<br>(vi) Philippines<br>(vii) Sri Lanka<br>(viii) USA | Nil                                                                                                                                                                     | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research.              |
|      |                                                  | Cuttings/ Plants for propagation     | (i) Australia,<br>(ii) Papua New Guinea<br>(iii) Vietnam                               | Nil                                                                                                                                                                     | (i) Freedom from soil<br>(ii) Post entry quarantine growing for a period of 2-3 months except for research.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
| 246. | <i>Echeveria spp.</i>                            | (i) Tissue cultured plants           | Australia                                                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                        | Nil                                                                                                                                                                                                            |
| 247. | <i>Echinacea spp/<br/>Echinacea purpurea</i>     | (i) Tissue cultured plants           | USA                                                                                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from aster yellows phytoplasma group (yellow disease phytoplasmas) | Nil                                                                                                                                                                                                            |
|      |                                                  | (ii) Seeds for sowing                | USA                                                                                    | Nil                                                                                                                                                                     | Free from quarantine weeds seeds.                                                                                                                                                                              |
| 248. | <i>Echinochloa spp.</i> (Barnyard grass/ millet) | Germplasm material for research only | (i) Australia<br>(ii) Nepal                                                            | Nil                                                                                                                                                                     | Free from quarantine weed seeds                                                                                                                                                                                |
| 249. | <i>Echinodorus ozelot</i>                        | (i) Plants for propagation           | Japan                                                                                  | Nil                                                                                                                                                                     | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 60 days.                                                                                                              |
|      |                                                  | (ii) Tissue culture plants           | Japan                                                                                  | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                     | Nil                                                                                                                                                                                                            |
| 250. | <i>Echium plantagineum</i>                       | Seeds for sowing                     | UK                                                                                     | Nil                                                                                                                                                                     | Free from quarantine weed seeds.                                                                                                                                                                               |

|      |                                                             |                                        |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                   |
|------|-------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 251. | <i>Elaeis guineensis</i> (Oil palm) and related species     | (i) Seeds/ Pollen/ Seed sprouts        | Any Country                                                    | Free from<br>(a) Vascular wilt ( <i>Fusarium oxysporum</i> f.sp. <i>elaedis</i> )<br>(b) Freckle ( <i>Cercospora elaeidis</i> )<br>(c) Red ring ( <i>Rhadinaphelenchus cocophilus</i> ) and its vector <i>Rhyncophorus palmarum</i><br>(d) Lethal bud rot or sudden wilt [ <i>Marchites sorpresiva</i> (phytoplasmas)]<br>(e) Fatal wilt or hart rot ( <i>Phytomonas staheli</i> )<br>(f) Leaf mottle virus<br>(g) Cadang cadang and related viroids<br>(h) Palm kernel borer ( <i>Caryobruchus</i> spp. and <i>Pachymerus</i> spp.) | (i) Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.<br><br>(ii) Consignment will be grown under post-entry quarantine for a period of 10-12 months.                                                                 |
|      | <i>Elaeis guineensis</i>                                    | (ii) Palm kernel shell for consumption | (i) Cambodia                                                   | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Free from soil and any plant debris                                                                                                                                                                                                                                               |
|      |                                                             |                                        | (ii) Malaysia                                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Free from soil and any plant debris                                                                                                                                                                                                                                               |
| 252. | <i>Eleocharis tuberosa</i> (Chinese Water Chestnut)         | Vegetable for consumption              | Thailand                                                       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Nil                                                                                                                                                                                                                                                                               |
| 253. | <i>Eleusine coracana</i> (Finger millet/ragi)               | Seeds for propagation/ consumption     | (i) Bangladesh<br>(ii) Bhutan<br>(iii) Nepal<br>(iv) Sri Lanka | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Free from soil and weed seeds.                                                                                                                                                                                                                                                    |
| 254. | <i>Elymus</i> spp., <i>Elymus elymoides</i> (Squirrel tail) | Germplasm material for research only   | USA                                                            | Free from:<br>(a) <i>Tilletia controversa</i> (dwarf bunt of wheat)<br>(b) <i>Pseudomonas syringae</i> pv. <i>atropurpurea</i>                                                                                                                                                                                                                                                                                                                                                                                                       | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                |
| 255. | <i>Encephalartos</i> spp.                                   | (i) Seeds for sowing                   | Any Country                                                    | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                                                                                                                  |
|      |                                                             | (ii) Plants for propagation            | Any Country                                                    | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Post-entry quarantine for a period of 45 days.                                                                                                                                                                                                                                    |
| 256. | <i>Entandrophragma</i> spp. (Sapeli)                        | Wood with/without bark                 | Any Country                                                    | Free from <i>Hypsipyla robusta</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

|      |                                                      |                                      |                                                                                                                           |                                                                                                                                     |                                                                                                                                                                                                                                                                                           |
|------|------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 257. | <i>Eragrostis</i> spp. (Weeping lovegrass/Teff)      | Germplasm material for research only | (i) Brazil                                                                                                                | Free from <i>Anthonomus grandis</i> (cotton boll weevil)                                                                            | Freedom from soil and quarantine weed seeds                                                                                                                                                                                                                                               |
|      |                                                      |                                      | (ii) Australi<br>(iii) Czech Republic<br>(iv) Kenya<br>(v) Romania<br>(vi) Syria<br>(vii) Ethiopia<br>(viii) South Africa | Nil                                                                                                                                 | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                        |
|      |                                                      | (iii) Grass for propagation          | USA                                                                                                                       | Free from:-<br>(i) <i>Anthonomus grandis</i> (Mexican cotton boll weevil)<br>(ii) Barley yellow dwarf viruses (barley yellow dwarf) | Freedom from soil and other plant debris.                                                                                                                                                                                                                                                 |
|      |                                                      |                                      | UK, China, Australia                                                                                                      | Free from Barley yellow dwarf viruses (Barley yellow dwarf)                                                                         |                                                                                                                                                                                                                                                                                           |
|      |                                                      | Seeds for sowing                     | USA                                                                                                                       | Free from <i>Anthonomus grandis</i> (Mexican cotton boll weevil)                                                                    | Free from quarantine weeds seeds                                                                                                                                                                                                                                                          |
|      |                                                      |                                      | UK, China, Australia                                                                                                      | Nil                                                                                                                                 |                                                                                                                                                                                                                                                                                           |
| 258. | <i>Eragrostis curvula</i> /<br><i>Eragrostis tef</i> | Seeds for sowing                     | Kenya                                                                                                                     | Nil                                                                                                                                 | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                        |
| 259. | <i>Eremochloa ophiuroides</i>                        | Seeds for sowing                     | USA                                                                                                                       | Free from <i>Gaeumannomyces graminis</i> var. <i>graminis</i> (crown sheath rot)                                                    | Free from quarantine weed seeds and soil contamination.                                                                                                                                                                                                                                   |
| 260. | <i>Ermophila mitchelli</i>                           | Wood with and without bark           | Australia                                                                                                                 | Free from <i>Bemisia tabaci</i> ( B biotype) (Silver leaf whitefly)                                                                 | Fumigation with MBr 48 gm/cum for 2hrs for 21°C or above @ NAP or equivalent thereof or any other treatment duly approved by the Plant Protection adviser to the Govt. of India. The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/re-export. |

|      |                                                                |                                                  |                                      |                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                            |
|------|----------------------------------------------------------------|--------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 261. | <i>Eruca vesicaria</i> (Rocolla)                               | Seeds for sowing                                 | (i) Netherlands                      | Nil                                                                                                              | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                           |
|      |                                                                |                                                  | (ii) Italy                           | Free from Radish mosaic virus                                                                                    | Free from quarantine weed seeds and soil contamination                                                                                                                                                                                                                                                                                                                     |
|      |                                                                |                                                  | (iii) France                         | Nil                                                                                                              | Free from quarantine weed seeds and soil contamination                                                                                                                                                                                                                                                                                                                     |
| 262. | <i>Eryngium</i> spp.                                           | Tissue cultured plants                           | Any Country                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil                                                                                                                                                                                                                                                                                                                                                                        |
| 263. | <i>Erysimum</i> spp.<br>(Wall flower)                          | Seeds for sowing                                 | (i) Asia<br>(ii) Europe<br>(iii) USA | Nil                                                                                                              | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                           |
| 264. | <i>Eschscholzia californica</i>                                | Seeds for sowing                                 | UK                                   | Nil                                                                                                              | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                           |
| 265. | <i>Eucalyptus</i> spp.<br>(Eucalyptus)                         | Seeds for sowing                                 | Australia                            | Free from:<br>(a) <i>Cryphonectria gyrosa</i><br>(b) <i>Cytospora eucalypticola</i>                              | Free from quarantine weed seeds and plant debris.                                                                                                                                                                                                                                                                                                                          |
|      |                                                                |                                                  | Honduras                             | Nil                                                                                                              | Free from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                            |
| 266. | <i>Eucalyptus alba</i>                                         | (i) Fruit buds for consumption                   | (i) Indonesia                        | Nil                                                                                                              | Free from soil and other plant debris.                                                                                                                                                                                                                                                                                                                                     |
| 267. | <i>Eucalyptus calophylla</i><br>( <i>Corymbia calophylla</i> ) | i) Timber logs with/without bark for consumption | (i) Australia                        | Nil                                                                                                              | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |

|      |                                 |                                                   |               |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                             |
|------|---------------------------------|---------------------------------------------------|---------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 268. | <i>Eucalyptus camaldulensis</i> | (i) Timber logs with/without bark for consumption | (i) Thailand  | Nil                                                                                                             | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/ re-export. |
| 269. | <i>Eucalyptus globulus</i>      | (i) Tissue cultured hardened plants               | Portugal      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Post-entry quarantine growing for a period of 90 days.                                                                                                                                                                                                                                                                                                                      |
|      |                                 | (ii) Logs with and without bark                   | (i) Sri Lanka | Free from <i>Ctenarytaina eucalypti</i> (blue gum psyllid)                                                      | Fumigation with Methyl bromide at 48g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.                                                                 |
|      |                                 |                                                   | (ii) Cameroon | Nil                                                                                                             | Fumigation with Methyl bromide @ 48g per cubic metre for 24 hrs. at 21°C and above or equivalent there of or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/reexport.   |

|      |                                                       |                                                   |                    |                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                |
|------|-------------------------------------------------------|---------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 270. | <i>Eucalyptus grandis</i> /<br><i>Eucalyptus</i> spp. | (i) Timber logs/<br>Sawn timber for<br>processing | (i) Uruguay        | Free from:<br>(a) <i>Phoracantha recurva</i> (eucalyptus longhorned borer)<br>(b) <i>Phoracantha semipunctata</i> (eucalyptus longhorned borer)<br>(c) <i>Aureobasidium pullulans</i> (blue stain wood)                                                                                                      | Fumigation with Methyl bromide @ 48 g/cu. m at @ 21°C and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser                                                                        |
|      |                                                       |                                                   | (ii) South America | Nil                                                                                                                                                                                                                                                                                                          | Fumigation with Methyl bromide @ 48 g/cu. m at @ 21°C and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser                                                                        |
|      |                                                       |                                                   | (iii) South Africa | Free from:<br>(a) <i>Gonipterus scutellatus</i> (eucalyptus snout beetle)<br>(b) <i>Heteronychus arator</i> (African black beetle)<br>(c) <i>Macrotermes natalensis</i><br>(d) <i>Phoracantha recurva</i> (eucalyptus longhorned borer)<br>(e) <i>Phoracantha semipunctata</i> (eucalyptus longhorned borer) | Fumigation with Methyl bromide @ 48 g/cu. m at @ 21°C and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser.                                                                       |
|      |                                                       | (ii) Wood without bark                            | Australia          | Free from : -<br>(a) <i>Ctenarytaina spatulata</i><br>(b) <i>Phoracantha recurva</i> (eucalyptus longhorned borer)<br>(c) <i>Phoracantha semipunctata</i> (eucalyptus longhorned borer)                                                                                                                      | Fumigation with Methyl bromide at 48 g per cubic meter for 24 hrs at 21°C and above or equivalent there of under NAP or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary certificate issued at the Country of Origin/re-export. |

|      |                                        |                                                     |                        |                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                             |
|------|----------------------------------------|-----------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                        | (iii) Timber logs for consumption                   | (i) New Zealand        | Free from : -<br>(a) <i>Ctenarytaina spatulata</i><br>(b) <i>Gonipterus scutellatus</i> (eucalyptus snout beetle)<br>(c) <i>Paropsis charybdis</i> (eucalyptus tortoise beetle)<br>(d) <i>Phoracantha recurva</i> (eucalyptus longhorned borer)<br>(e) <i>Phoracantha semipunctata</i> (eucalyptus longhorned borer)<br>(f) <i>Phytophthora cryptogea</i> (tomato foot rot) | Fumigation with Methyl bromide at 48 g per cubic meter for 24 hrs at 21°C and above or equivalent there of under NAP or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary certificate issued at the Country of Origin/re-export.                                              |
|      |                                        |                                                     | (ii) Fiji              | Nil                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                             |
|      |                                        |                                                     | (iii) Papua New Guinea | Free from : -<br>(a) <i>Phoracantha recurva</i> (eucalyptus longhorned borer)<br>(b) <i>Phoracantha semipunctata</i> (eucalyptus longhorned borer)                                                                                                                                                                                                                          | Fumigation with Methyl bromide at 48 g per cubic meter for 24 hrs at 21°C and above or equivalent there of under NAP or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary certificate issued at the Country of Origin/re-export.                                              |
|      |                                        |                                                     | (iv) South Africa      | Free from : -<br>(a) <i>Macrotermes natalensis</i><br>(b) <i>Phoracantha recurva</i> (eucalyptus longhorned borer)<br>(c) <i>Phoracantha semipunctata</i> (eucalyptus longhorned borer)<br>(d) <i>Botryosphaeria dothidea</i> (canker of almond)                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                             |
|      |                                        | (iv) Timber logs with/ without bark for consumption | (i) Cameroon           | Nil                                                                                                                                                                                                                                                                                                                                                                         | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent there of or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| 271. | <i>Eucalyptus grandis</i> (Eucalyptus) | (i) Seeds for sowing                                | (i) Brazil             | Free from:<br>(a) <i>Hypothenemus obscurus</i> (nut borer)<br>(b) <i>Thyrinteina arnobia</i><br>(c) <i>Botryosphaeria dothidea</i>                                                                                                                                                                                                                                          | (i) Freedom from quarantine weed seeds<br>(ii) Fumigation with phosphine @ 3 g/cu cm at NAP                                                                                                                                                                                                                                                                                 |

|      |                        |                                       |                     |                                                                                                                                                                                                                                                                                |                                                                                                                                                                                           |
|------|------------------------|---------------------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                        | (ii) Plants for propagation           | (i) Brazil          | Free from:<br>(a) <i>Atta sexdens</i> (leaf cutting ant)<br>(b) <i>Atta sexdens rubropilosa</i><br>(c) <i>Eupseudosoma involuta</i><br>(d) <i>Hygrochroa sericea</i><br>(e) <i>Phoracantha recurva</i><br>(f) <i>Thyrinteina arnobia</i><br>(g) <i>Botryosphaeria dothidea</i> | (i) Freedom from soil<br>(ii) Post-entry quarantine growing for 2-3 months except for research.                                                                                           |
|      |                        | (iii) Seeds for sowing/ rooted plants | (i) Honduras        | Nil                                                                                                                                                                                                                                                                            | (i) Freedom from quarantine weed seeds<br>(ii) Post-entry quarantine growing for 2-3 months except for research.                                                                          |
|      |                        | (iv) Plants/ cuttings for propagation | (i) Uruguay         | Free from:<br>(a) <i>Ctenarytaina spatulata</i><br>(b) <i>Phoracantha recurva</i> (eucalyptus longhorned borer)<br>(c) <i>Phoracantha semipunctata</i> (eucalyptus longhorned borer)<br>(d) <i>Puccinia psidii</i> (guava rust)                                                | (i) Free from soil.<br>(ii) Post entry quarantine for a growing period of 3 months                                                                                                        |
| 272. | <i>Eugenia spp.</i>    | (i) Plants for propagation            | Thailand            | Free from :-<br>(a) <i>Darna diducta</i> (nettle caterpillar)<br>(b) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)                                                                                                                                              | (i) Post-entry quarantine growing for a period of 10-12 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
|      |                        | Plants/ cuttings for propagation      | Israel              | Nil                                                                                                                                                                                                                                                                            | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.  |
| 273. | <i>Eugenia dombeyi</i> | Plants for propagation                | Thailand, Australia | Nil                                                                                                                                                                                                                                                                            | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation   |



|      |                                  |                                              |                                                                  |                                                                                                                             |                                                                                                                                                                                                   |
|------|----------------------------------|----------------------------------------------|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                  |                                              | USA                                                              | Free from <i>Puccinia psidii</i> (Guava rust)                                                                               | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation           |
|      |                                  | Plants/ cuttings for propagation             | Israel                                                           | Nil                                                                                                                         | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.          |
| 274. | <i>Eugenia oleosum</i>           | Plants/ cuttings for propagation             | Israel                                                           | Nil                                                                                                                         | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.          |
| 275. | <i>Euphorbia spp.</i>            | (i) Seeds for Medicinal/ consumption purpose | Europe, South Korea                                              | Nil                                                                                                                         | Free from quarantine weeds seeds and soil                                                                                                                                                         |
|      |                                  |                                              | China                                                            | Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato ) (USA)                                           | Free from quarantine weeds seeds and soil                                                                                                                                                         |
| 276. | <i>Euphorbia longan</i> (Longan) | Grafts/ budwoods/ plants for propagation     | (i) Mauritius<br>(ii) New Zealand<br>(iii) Sri Lanka<br>(iv) USA | Nil                                                                                                                         | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research. |
|      |                                  |                                              | (v) Indonesia<br>(vi) Philippines                                | Free from <i>Tessaratomya javanica</i>                                                                                      |                                                                                                                                                                                                   |
|      |                                  |                                              | (vii) Malaysia                                                   | Free from <i>Cossus</i> sp (carpenter moth)                                                                                 |                                                                                                                                                                                                   |
|      |                                  |                                              | (viii) Thailand                                                  | Free from:<br>(a) <i>Conopomorpha sinensis</i><br>(b) <i>Cossus</i> sp (carpenter moth)<br>(c) <i>Tessaratomya javanica</i> |                                                                                                                                                                                                   |

|      |                                           |                                  |                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                     |
|------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 277. | <i>Euphorbia milii</i> (Flamingo)         | Plants for propagation           | (i) Asia<br>(ii) USA                                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Post-entry quarantine for a period of 45 days.                                      |
| 278. | <i>Euphorbia pulcherrima</i> (Poinsettia) | (i) Plants for propagation       | (i) Asia<br>(ii) USA                                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Post-entry quarantine for a period of 45 days.                                      |
|      |                                           |                                  | (i) Spain                                                             | Free from:<br>(a) <i>Bemisia tabaci</i> (B biotype) (silverleaf whitefly)<br>(b) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(c) <i>Hercinothrips femoralis</i> (banded greenhouse thrips)<br>(d) <i>Trialeurodes vaporariorum</i> (greenhouse whitefly)<br>(e) <i>Phytophthora cryptogea</i> (tomato foot rot)                                                                                                                                                            | (i) Freedom from soil.<br>(ii) Post entry quarantine for a period of 45 days.       |
|      |                                           |                                  | (ii) Europe (except Spain)                                            | Free from:<br>(a) <i>Bemisia tabaci</i> (B biotype) (silverleaf whitefly)<br>(b) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(c) <i>Trialeurodes vaporariorum</i> (greenhouse whitefly)<br>(d) <i>Armillaria tabescens</i> (armillaria root rot)<br>(e) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(f) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)<br>(g) <i>Burkholderia cepacia</i> (sour skin of onion)<br>(h) <i>Rhizobium rhizogenes</i> |                                                                                     |
|      |                                           | (ii) Tissue cultured plants      | Europe                                                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                                                                                                                                                                             | Nil                                                                                 |
| 279. | <i>Euphorbia Leucodendron</i> (Flame tip) | Plants/cuttings for propagation  | South Africa                                                          | Free from:<br>(a) <i>Bemisia tabaci</i> (B biotype) (silverleaf whitefly)<br>(b) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(c) <i>Opogona sacchari</i> (banana moth)<br>(d) <i>Phenacoccus manihoti</i> (cassava mealybug)<br>(e) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(f) <i>Rhizobium rhizogenes</i> (gall)                                                                                                                                              | 1. Freedom from soil.<br>2. Post entry quarantine for a growing period of 6 months. |
| 280. | <i>Eustoma</i> spp.                       | Seeds for sowing                 | (i) Europe<br>(ii) Japan<br>(iii) Taiwan<br>(iv) USA<br>(v) Guatemala | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weed seeds and soil.                                           |
| 281. | <i>Eustoma grandiflorum</i>               | Plants/ cuttings for propagation | Netherlands                                                           | Free from<br><i>Duponchelia fovealis</i> (Southern European marshland pyralid)                                                                                                                                                                                                                                                                                                                                                                                                              | (i) Free from soil<br>(ii) Post-entry for a growing period of 3 months.             |

|      |                                                   |                              |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------|---------------------------------------------------|------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 282. | <i>Euterpe</i> spp.                               | (i) Seeds for sowing         | Any Country | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|      |                                                   | (ii) Plant for propagation   | Any country | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (i) Free from soil<br>(ii) Post-entry quarantine growing for a period of 10-12 months                                                                                                                                                                                                                                                                                                                                                                             |
| 283. | <i>Eutrema wasabi</i> ( <i>Wasabia japonica</i> ) | Tissue cultured plants       | Japan       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from viruses.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 284. | <i>Evandra</i> spp.                               | Tissue culture plants        | Australia   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 285. | <i>Fagopyron esculentum</i> (Buckwheat)           | Grain (seed) for consumption | Nepal       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 286. | <i>Fagus sylvatica</i> (European Beech)           | Logs with/<br>Without bark   | (i) Europe  | Free from:<br>Insects:<br><i>a. Agrilus sulcicollis</i> (European oak borer)<br><i>b. Agrilus viridis</i> (beech buprestid)<br><i>c. Callidium violaceum</i><br><i>d. Cerambyx scopolii</i> (scorpion beetle)<br><i>e. Cydia leguminana</i><br><i>f. Dicerca aenea</i><br><i>g. Dicerca berolinensis</i><br><i>h. Dryocoetes villosus</i><br><i>i. Ectoedemia liebwerdella</i><br><i>j. Ernoporus fagi</i><br><i>k. Hylecoetus dermestoides</i> (large timber worm)<br><i>l. Phymatodes testaceus</i> (tanbark borer)<br><i>m. Ptilinus pectinicornis</i> (kaefer)<br><i>n. Plagionotus arcuatus</i><br><i>o. Platypus cylindrus</i> (oak pinhole, borer)<br><i>p. Prionus coriarius</i> (tanner beetle)<br><i>q. Scolytus intricatus</i> (European oak bark beetle)<br><i>r. Scolytus laevis</i><br><i>s. Taphroruschus bicolor</i> (beech bark beetle)<br><i>t. Tremex fuscicornis</i> (tremex wasp)<br><i>u. Trypodendron demesticum</i><br><i>v. Xyleborus dispar</i> (pear blight beetle)<br><i>w. Xyleborus dryographus</i><br><i>x. Xyleborus monographus</i> | (i) Free from quarantine weed seeds and soil contamination.<br>(ii) Methyl bromide fumigation @ 48g/ m <sup>3</sup> for 24 hrs at 21 <sup>0</sup> C and above or equivalent thereof or Heat treatment at 56 <sup>0</sup> C (core temperature) for 30 minutes or Any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

|      |                                               |                                          |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                        |
|------|-----------------------------------------------|------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
|      |                                               |                                          |             | y. <i>Xylosandrus germanus</i> (black timber bark beetle)<br>z. <i>Xyloterus domsticus</i><br>aa. <i>Xyloterus signatus</i><br>bb. <i>Zeuzera pyrina</i> (wood leopard)<br>Fungi:<br>a. <i>Armillaria cepistipes</i><br>b. <i>Ascodichaena rugosa</i><br>c. <i>Bjerkandera adusta</i> (scored conk)<br>d. <i>Bjerkandera fumosa</i> (roger mushroom)<br>e. <i>Cylindrobasidium evolvens</i><br>f. <i>Eutypa lata</i> (eutypa dieback)<br>g. <i>Fomes fomentarius</i> (hoof fungus)<br>h. <i>Fomitopsis pinicola</i> (brown crumbly rot)<br>i. <i>Fusicoccum galericulatum</i><br>j. <i>Heterobasidion abietinum</i><br>k. <i>Heterobasidion annosum</i><br>l. <i>Hypoxylon fragiforme</i><br>m. <i>Hypoxylon nummularium</i><br>n. <i>Phellinus igniarius</i><br>o. <i>Phytophthora citricola</i><br>p. <i>Phytophthora pseudosyringae</i><br>q. <i>Phytophthora ramorum</i> (sudden oak death(SOD))<br>r. <i>Stereum hirsutum</i><br>s. <i>Stereum purpureum</i><br>t. <i>Stereum rugosum</i><br>u. <i>Trametes gibbosa</i><br>v. <i>Trametes hirsute</i><br>w. <i>Trametes versicolor</i><br>x. <i>Xylaria hypoxylon</i> (candlesnuff fungus). |                                        |
| 287. | <i>Fatsia</i> spp.                            | Tissue cultured plants                   | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nil                                    |
| 288. | <i>Festuca arundinacea</i><br>(Meadow fescue) | (i) Germplasm material for research only | USA         | Free from:<br>(a) <i>Aceria tosichella</i> (wheat curl mite)<br>(b) <i>Anguina agrostis</i> (grass nematode)<br>(c) <i>Gloeotinia granigena</i><br>(d) <i>Neotyphodium coenophialum</i><br>(e) <i>Pyrenophora dictyoides</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (i) Freedom from quarantine weed seeds |

|      |                              |                                              |                               |                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                   |
|------|------------------------------|----------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                              | (ii) Grafts/ budwood/ plants for propagation | USA                           | Free from:<br>(a) <i>Chaetocnema pulicaria</i> (corn beetle)<br>(b) <i>Exomala orientalis</i> (oriental beetle)<br>(c) <i>Oulema melanopus</i> (oat leaf beetle)<br>(d) <i>Pogonomyrmex occidentalis</i><br>(e) <i>Pogonomyrmex rugosus</i><br>(f) <i>Belonolaimus longicaudatus</i><br>(g) <i>Gloeotinia granigena</i><br>(h) <i>Neotyphodium coenophialum</i><br>(i) <i>Pyrenophora dictyoides</i> | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research. |
|      |                              | (iii) Seeds for sowing                       | USA                           | (a) <i>Gloeotinia granigena</i> (blind seed disease: grasses)<br>(b) <i>Neotyphodium coenophialum</i> (tall fescue endophyte)<br>(c) <i>Pyrenophora dictyoides</i> (netblotch of Fescues ( <i>Festuca</i> spp.))                                                                                                                                                                                     | Free from quarantine weed seeds and soil contamination.                                                                                                                                           |
| 289. | <i>Festuca rubra</i>         | Seeds for sowing                             | USA                           | Free from:<br>(a) <i>Monographella nivalis</i> (foot rot of cereals)<br>(b) <i>Pseudomonas syringae</i> pv. <i>atropurpurea</i>                                                                                                                                                                                                                                                                      | Free from quarantine weed seeds and soil contamination.                                                                                                                                           |
| 290. | <i>Ficus</i> spp.            | (i) Tissue cultured plants                   | (i) Japan                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) <i>Ficus conica</i> virus<br>(b) Fig virus S                                                                                                                                                                                                                                        | Nil                                                                                                                                                                                               |
|      |                              |                                              | (ii) Any country except Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus,                                                                                                                                                                                                                                                                                     | Nil                                                                                                                                                                                               |
|      |                              | (ii) Plants/ cuttings for propagation        | Any Country                   | Nil                                                                                                                                                                                                                                                                                                                                                                                                  | Post entry quarantine for a period of 45 days.                                                                                                                                                    |
| 291. | <i>Flacourtia indica</i>     | Plants/ cuttings for propagation             | Israel                        | Nil                                                                                                                                                                                                                                                                                                                                                                                                  | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.          |
| 292. | <i>Flemingia macrophylla</i> | Plants for propagation                       | USA                           | Nil                                                                                                                                                                                                                                                                                                                                                                                                  | Post-entry quarantine growing for a period of 45 days.                                                                                                                                            |

|                            |                                             |                                       |                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
|----------------------------|---------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 293.                       | <b>Flower bulbs:</b>                        |                                       |                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| (a) <i>Dahlia</i> spp.     | (i) Tubers for planting or propagation      | Any Country                           | Free from viruss affecting dahlia except dahlia mosaic virus                                                                                                                                                                                                                                                                                                             | (i) Post-entry quarantine for one growth season.<br>(ii) Free from soil                                                                                                                                                                                                                                                                                                                                                          |  |
|                            | (ii) Seeds for sowing                       | (i) Europe<br>(ii) USA<br>(iii) Japan | Nil                                                                                                                                                                                                                                                                                                                                                                      | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| (b) <i>Gladiolus</i> spp.  | Corms/Corm lets for planting or propagation | Any Country                           | Free from:<br>(a)Smut ( <i>Urocystis gladiolicola</i> )<br>(b)Rusts ( <i>Uromyces gladioli</i> and <i>U. transversalis</i> )<br>(c) Corm rot ( <i>F. oxysporum</i> f.sp. <i>gladioli</i> )<br>(d) Hard rot ( <i>Septoria gladioli</i> )<br>(e) Scab and neck rot ( <i>Burkholderia marginalis</i> )<br>(f) Base rot ( <i>Burkholderia gladioli</i> pv. <i>gladiolI</i> ) | (i) Post-entry quarantine for one growth season.<br>(ii) Free from soil                                                                                                                                                                                                                                                                                                                                                          |  |
| (c) <i>Heliconia</i> spp.  | Rhizomes for propagation                    | Any Country                           | Free from Moko wilt ( <i>Burkholderia solanacearum</i> Race 2)                                                                                                                                                                                                                                                                                                           | Post entry quarantine period for one growth season                                                                                                                                                                                                                                                                                                                                                                               |  |
| (d) <i>Hyacinthus</i> spp. | Bulbs for propagation                       | Any Country                           | Free from:<br>(a) Bacterial blight or yellow slime ( <i>Xanthomonas hyacinthi</i> )<br>(b) Hyacinth mosaic virus (Poty virus)<br>(c) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )                                                                                                                                                                               | (i) Post-entry quarantine for one growth season<br>(ii) Free from soil<br>(iii) Hot-water treatment of bulbs at 45°C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the phytosanitary certificate.<br>Or Treatment with Methyl Bromide @ 32 g/m3 for 2 ½ hrs at 21 <sup>0</sup> C or above under NAP or equivalent or any other treatment specified by the Plant Protection Adviser. |  |

|  |                                                          |                                            |                          |                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|----------------------------------------------------------|--------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | (e) <i>Iris</i> spp. (bulbous and rhizomatous varieties) | Bulbs/rhizomes for planting or propagation | Any Country              | Free from:<br>(a) Fusarial rot ( <i>Fusarium oxysporum</i> f.sp. <i>gladioli</i> )<br>(b) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )<br>(c) Sclerotinia rot ( <i>Sclerotinia bulborum</i> )<br>(d) Iris virus (Potyvirus)                                                                                                       | (i) Post-entry quarantine for one growth season<br>(ii) Free from soil<br>(iii) Hot-water treatment of bulbs at 45°C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the phytosanitary certificate. or Treatment with Methyl Bromide @ 32 g/m <sup>3</sup> for 2 ½ hrs at 21°C or above under NAP or equivalent or any other treatment specified by the Plant Protection Adviser. |
|  | (f) <i>Lillium</i> spp. (Lilly)                          | (i) Bulbs for planting                     | Any Country              | Free from:<br>(a) Fusarium wilt ( <i>Fusarium oxysporum</i> f.sp. <i>lilii</i> )<br>(b) Anthracnose ( <i>Colletotrichum lilii</i> )<br>(c) Bacterial leaf spot ( <i>Burkholderia gladioli</i> pv. <i>gladioli</i> )<br>(d) Lilly viruses (lilly rosette, lilly symptom less, tulip breaking and lilly curl stripe)                         | (i) Post-entry quarantine for one growth season.<br>(ii) Free from soil                                                                                                                                                                                                                                                                                                                                                      |
|  |                                                          | (ii) Tissue cultured plants                | (i) Korea ROK, Korea DPR | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tulip breaking virus<br>(b) Lily mottle virus<br>(c) Lily virus X<br>(d) Tobacco mosaic virus<br>(e) Tobacco rattle virus<br>(f) Broad bean wilt fabavirus<br>(g) Tomato ringspot nepovirus<br>(h) Lily mild mosaic virus | Nil                                                                                                                                                                                                                                                                                                                                                                                                                          |
|  |                                                          |                                            | (ii) Japan               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Lily mottle virus<br>(b) Tulip breaking virus<br>(c) Lily virus X<br>(d) Citrus tatter leaf virus                                                                                                                         | Nil                                                                                                                                                                                                                                                                                                                                                                                                                          |

|  |  |  |                   |                                                                                                                                                                                                                                                                                                         |     |
|--|--|--|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|  |  |  | (iii) Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Arabis mosaic virus<br>(b) Lily mottle virus<br>(c) Lily virus X<br>(d) Tobacco rattle virus<br>(e) Tulip breaking virus<br>(f) Tulip mosaic virus<br>(g) Necrotic fleck virus complex | Nil |
|  |  |  | (iv) USA          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tulip breaking virus<br>(b) Necrotic fleck virus complex                                                                                                                               | Nil |
|  |  |  | (v) Italy         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tobacco rattle virus<br>(b) Tulip breaking virus<br>(c) Turnip mosaic virus<br>(d) Narcissus mosaic virus<br>(e) Arabis mosaic virus                                                   | Nil |
|  |  |  | (vi) Israel       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tulip breaking virus<br>(b) Strawberry latent ring spot virus<br>(c) Lily mottle virus                                                                                                 | Nil |
|  |  |  | (vii) Taiwan      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tulip breaking virus<br>(b) Lily mottle virus<br>(c) Strawberry latent ring spot virus<br>(d) Lily virus X                                                                             | Nil |
|  |  |  | (viii) UK         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tulip breaking virus                                                                                                                                                                          | Nil |



|  |                                          |                                        |                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                          |                                        | (ix) China<br>(x) Poland                                                                                                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from lily mottle virus                                                                                                                                                                                                                                                                                                                              | Nil                                                                                                                                                                                                                                                                                                                                                                                                                          |
|  |                                          |                                        | (xi) Any country except Korea<br>ROK, Korea<br>DPR, Japan, Italy,<br>UK, Israel,<br>Taiwan,<br>Netherland, USA,<br>China, Poland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                                                                                                                                          | Nil                                                                                                                                                                                                                                                                                                                                                                                                                          |
|  |                                          | (iii) Plants/ cuttings for propagation | The Netherlands                                                                                                                  | Free from:<br>(a) <i>Lilioceris lili</i> (lily leaf beetle)<br>(b) <i>Botrytis tulipae</i> (tulip fire)<br>(c) <i>Aphelenchoides fragariae</i> (Strawberry crimp nematode)<br>(d) <i>Pratylenchus vulnus</i> (walnut root lesion nematode)<br>(e) Lily mottle virus<br>(f) Lily symptomless virus<br>(g) Lily virus X<br>(h) Narcissus mosaic virus<br>(i) Strawberry latent ringspot virus (latent ring spot of strawberry)<br>(j) Tulip breaking virus | (i) Free from soil and other plant debris<br>(ii) Post-entry quarantine for a period of 60 days                                                                                                                                                                                                                                                                                                                              |
|  | (g) <i>Narcissus</i> spp.<br>(Narcissus) | Bulbs for planting                     | Any Country                                                                                                                      | Free from:<br>(a) Basal rot ( <i>Fusarium oxysporum</i> f. sp. <i>narcissi</i> )<br>(b) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )<br>(c) Narcissus fire ( <i>Botryotinia polyblastis</i> )<br>(d) Leaf scorch ( <i>Stagnospora curtissi</i> )<br>(e) Narcissus bulb flies ( <i>Merodona equestris</i> , <i>Eumerus strigatus</i> and <i>E. tuberculatus</i> )<br>(f) Narcissus viruses                                                       | (i) Post-entry quarantine for one growth season<br>(ii) Free from soil<br>(iii) Hot-water treatment of bulbs at 45°C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the phytosanitary certificate. or Treatment with Methyl Bromide @ 32 g/m <sup>3</sup> for 2 ½ hrs at 21°C or above under NAP or equivalent or any other treatment specified by the Plant Protection Adviser. |

|  |                                           |                                       |                     |                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--|-------------------------------------------|---------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | (h) <i>Tulipa</i> spp.                    | Bulbs for planting or propagation     | Any Country         | Free from:<br>(a) Bulb and stem nematode ( <i>Ditylenchus dipsaci</i> )<br>(b) Yellow pustule and hellfire ( <i>Curtobacterium flaccumfaciens</i> pv. <i>oortii</i> )<br>(c) Tulipa viruses viz. band breaking, chlorotic blotch, virus x and other seed borne viruses. | (i) Post-entry quarantine for one growth season<br>(ii) Free from soil<br>(iii) Hot-water treatment of bulbs at 45°C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the phytosanitary certificate or Treatment with Methyl Bromide @ 32 g/m3 for 2 ½ hrs at 21°C or above under NAP or equivalent or any other treatment specified by the Plant Protection Adviser. |
|  | (i) <i>Zantedeschia</i> spp. (Calla lily) | (i) Corms for propagation or planting | Any Country         | Free from:<br>(b) Bacterial leaf spot ( <i>Xanthomonas campestris</i> pv. <i>zantedeschiae</i> )<br>(b) <i>Zantedeschia</i> mosaic virus                                                                                                                                | (i) Post-entry quarantine for one growth season.<br>(ii) Free from soil.                                                                                                                                                                                                                                                                                                                                        |
|  |                                           | (ii) Tissue cultured plants           | (i) Korea ROK       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from <i>zantedeschia</i> mosaic virus                                                                                                                              | Nil                                                                                                                                                                                                                                                                                                                                                                                                             |
|  |                                           |                                       | (ii) Czech Republic | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus                                                                                                                                     | Nil                                                                                                                                                                                                                                                                                                                                                                                                             |
|  |                                           |                                       | (iii) Slovenia      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tomato spotted wilt virus<br>(b) <i>Impatiens</i> necrotic spot virus                                                                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                             |
|  |                                           |                                       | (iv) Bulgaria       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tomato spotted wilt virus<br>(b) Potyvirus                                                                                                             | Nil                                                                                                                                                                                                                                                                                                                                                                                                             |
|  |                                           |                                       | (v) New Zealand     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                         | Nil                                                                                                                                                                                                                                                                                                                                                                                                             |
|  |                                           |                                       | (vi) Taiwan         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Turnip mosaic virus<br>(b) <i>Zantedeschia</i> mosaic virus                                                                                            | Nil                                                                                                                                                                                                                                                                                                                                                                                                             |

|      |                                               |                               |                                                                                                   |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                    |
|------|-----------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                               |                               | (vii) USA                                                                                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from konjac mosaic virus                                                                                                                                                                                                               | Nil                                                                                                                                                                                                                                                                                                |
|      |                                               |                               | (viii) Any country except Korea ROK, Taiwan, Czech Republic, Slovenia, Bulgaria, New Zealand, USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                             | Nil                                                                                                                                                                                                                                                                                                |
|      | (i) <i>Zingiber mioga</i> (Ornamental Zinger) | Rhizomes for propagation      | Any Country                                                                                       | Free from Leaf blight (( <i>Xanthomonas campestris</i> pv. <i>zingibericola</i> )                                                                                                                                                                                                                                                           | (i) Post-entry quarantine for one growth season.<br>(ii) Free from soil.                                                                                                                                                                                                                           |
| 294. | <i>Foeniculum vulgare</i> (Fennel)            | Seeds for sowing              | France, Chile                                                                                     | Free from <i>Rhizobium rhizogenes</i> (gall)                                                                                                                                                                                                                                                                                                | Free from quarantine weeds seeds and soil contamination                                                                                                                                                                                                                                            |
|      |                                               |                               | Denmark                                                                                           | Nil                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weeds seeds and soil contamination                                                                                                                                                                                                                                            |
| 295. | <i>Fragaria ananassa</i> (strawberry)         | Fruits for consumption        | Sri Lanka                                                                                         | Free from:<br>(a) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(b) <i>Peridroma saucia</i> (pearly underwing moth)<br>(c) <i>Aphis forbesi</i> (aphids)                                                                                                                                                                     | Nil                                                                                                                                                                                                                                                                                                |
|      |                                               |                               | Thailand                                                                                          | Nil                                                                                                                                                                                                                                                                                                                                         | Freedom from soil                                                                                                                                                                                                                                                                                  |
| 296. | <i>Fragaria vesca</i>                         | Frozen fruits for consumption | Poland                                                                                            | Free from:<br>(a) <i>Otiorhynchus sulcatus</i> (vine weevil)<br>(b) <i>Arion hortensis</i> (garden slug)<br>(c) <i>Deroceras reticulatum</i> (grey field slug)                                                                                                                                                                              | (i) Free from any plant debris.<br>(ii) Fumigation with Methyl bromide @ 32 g/cu. m for 2 hrs at 21°C and above under NAP before processing/ freezing of fruits and the treatment be endorsed on phytosanitary certificate.                                                                        |
| 297. | <i>Fraxinus</i> spp. (Ash)                    | Logs with/ without bark       | Canada                                                                                            | Free from:<br>(a) <i>Agrilus planipennis</i> (Emerald ash borer)<br>(b) <i>Anoplophora glabripennis</i> (Asian long horned beetle)<br>(c) <i>Heterobasidion annosum</i><br>(d) <i>Phytophthora ramorum</i> [Sudden oak death (SOD)]<br>(e) <i>Rhizobium rhizogenes</i> (Bacterial gall)<br>(f) <i>Xyleborus dispar</i> (Pear blight beetle) | (i) Free from quarantine weeds seeds and soil Contamination.<br>(ii) Methyl bromide fumigation @ 48g/ m <sup>3</sup> for 24hrs at 21°C and above or equivalent thereof or Heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser |

|      |                                         |                            |                              |                                                                                                                                |                                                                                                                                                                                                                                                                           |
|------|-----------------------------------------|----------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                         |                            |                              |                                                                                                                                | to the Govt. of India.<br>The treatment should be endorsed on Phytosanitary certificate issued at the Country of origin/re-export.                                                                                                                                        |
| 298. | <i>Freesia</i> spp. (Freesia)           | (i) Seeds for sowing       | (i) USA                      | Free from Tobacco rattle virus (spraying of potato)                                                                            | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from tobacco rattle virus.                                                                                                                                                        |
|      |                                         |                            | (ii) Europe<br>(iii) Asia    | Nil                                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                                                          |
|      |                                         |                            | Australia                    | Free from freesia mosaic virus                                                                                                 | (i) Freedom from soil and quarantine weed seeds.<br>(ii) Crop inspection and certification for freedom from freesia mosaic virus.                                                                                                                                         |
|      |                                         | (ii) Bulbs for propagation | Europe                       | Nil                                                                                                                            | (i) Free from soil.<br>(ii) Post-entry quarantine for one growth season.                                                                                                                                                                                                  |
| 299. | <i>Fuchsia</i> spp.                     | (i) Tissue culture plants  | (i) Australia                | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from Nereine latent virus. | Nil                                                                                                                                                                                                                                                                       |
|      |                                         |                            | (ii) Costa Rica<br>(iii) USA | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.            | Nil                                                                                                                                                                                                                                                                       |
| 300. | <i>Gaillardia</i> spp. (Blanket flower) | Seeds for sowing           | (i) Europe<br>(ii) USA       | Nil                                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                                                          |
| 301. | <i>Garcinia mangostana</i> (Mangosteen) | Fruits for consumption     | (i) Thailand                 | Free from :<br>(a) <i>Bactrocera papayae</i> (papaya fruit fly)<br>(b) Mealy bug                                               | (i) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above or equivalent thereof or<br>(ii) Pre-shipment cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against papaya fruit fly. |
|      |                                         |                            | (ii) Sri Lanka               | Nil                                                                                                                            | Nil                                                                                                                                                                                                                                                                       |

|      |                                 |                                   |                                                                                                                         |                                                                                                                                                                                                                                      |                                                                                                                                                                                                                |
|------|---------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                 | Cuttings / plants for propagation | (i) Philippines<br>(ii) New Zealand<br>(iii) Sri Lanka<br>(iv) Indonesia<br>(v) Malaysia<br>(vi) Mauritius<br>(vii) USA | Nil                                                                                                                                                                                                                                  | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research.              |
|      |                                 |                                   | (viii) Thailand                                                                                                         | Free from <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)                                                                                                                                                               |                                                                                                                                                                                                                |
|      |                                 |                                   | (i) Australia,<br>(ii) Puerto rico                                                                                      | Free from <i>Bemisia tabaci</i> (B biotype)                                                                                                                                                                                          | (i) Freedom from soil<br>(ii) Post entry quarantine growing for a period of 2-3 months except for research.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
|      |                                 |                                   | (iii) Madagascar<br>(iv) Myanmar (v) Vietnam                                                                            | Nil                                                                                                                                                                                                                                  |                                                                                                                                                                                                                |
| 302. | <i>Gardenia</i> spp. (Gardenia) | Tissue cultured plants            | Holland                                                                                                                 | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from virus                                                                                                                           | Nil                                                                                                                                                                                                            |
| 303. | <i>Gazania</i> spp. (Gazania)   | Seeds for sowing                  | Europe<br>(ii) USA<br>(iii) Japan<br>(v) Guatemala<br>(vi) Australia                                                    | Nil                                                                                                                                                                                                                                  | Free from quarantine weed seeds and soil.                                                                                                                                                                      |
| 304. | <i>Genista</i> spp.             | Seeds for sowing                  | (i) Asia<br>(ii) Europe<br>(iii) USA                                                                                    | Nil                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                                               |
| 305. | <i>Gentiana</i> spp.            | Tissue cultured plants            | (i) Japan                                                                                                               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Bean yellow mosaic virus<br>(b) Broad bean wilt virus<br>(c) Clover yellow vein virus<br>(d) Tobacco rattle virus | Nil                                                                                                                                                                                                            |

|      |                      |                                                                 |                                                            |                                                                                                                                                                                                                                                                                                                              |                                           |
|------|----------------------|-----------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|      |                      |                                                                 | (ii) USA                                                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Bean yellow mosaic virus<br>(b) Impatiens necrotic spot virus                                                                                                                                             | Nil                                       |
|      |                      |                                                                 | (iii) Germany                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from gentiana carlavirus.                                                                                                                                                                                               | Nil                                       |
|      |                      |                                                                 | (iv) Australia                                             | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from broad bean wilt virus.                                                                                                                                                                                             | Nil                                       |
|      |                      |                                                                 | (v) UK                                                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato black ring virus                                                                                                                                                                                            | Nil                                       |
|      |                      |                                                                 | (vi) Any country except Japan, Germany, Australia, UK, USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                             | Nil                                       |
|      |                      | (ii) Dry plant material (All plant parts) for medicinal purpose | China                                                      | Free from <i>Cronartium flaccidum</i> (scot pine blister rust)                                                                                                                                                                                                                                                               | Free from quarantine weed seeds and soil. |
| 306. | <i>Geranium</i> spp. | (i) Seeds for sowing                                            | (i) USA<br>(ii) Asia<br>(iii) Europe                       | Nil                                                                                                                                                                                                                                                                                                                          | Free from quarantine weed seeds.          |
|      |                      |                                                                 | (iv) Guatemala                                             | Free from:-<br>(a) <i>Phenacoccus madeirensis</i> (cassava mealybug)<br>(b) <i>Pseudococcus jabeardsleyi</i> (Jack Beardsleyi mealybug)<br>(c) <i>Spodoptera frugiperda</i> (fall armyworm)                                                                                                                                  | Free from quarantine weed seeds and soil. |
|      |                      | (ii) Tissue cultured plants                                     | (i) USA                                                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tomato spotted wilt virus<br>(b) Pelargonium line pattern carmovirus<br>(c) Pelargonium ring spot virus<br>(d) Pelargonium vein clearing virus<br>(e) Potato virus S<br>(f) Impatiens necrotic spot virus | Nil                                       |

|  |  |  |                                |                                                                                                                                                                                                                                                                                                            |     |
|--|--|--|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|  |  |  | (ii) Netherlands               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Pelargonium leaf curl virus<br>(b) Pelargonium vein netting virus<br>(c) Arabis mosaic virus<br>(d) Tomato ring spot virus<br>(e) Tomato black ring virus<br>(f) Tobacco necrosis virus | Nil |
|  |  |  | (iii) Canada                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tomato spotted wilt virus<br>(b) Impatiens necrotic spot virus                                                                                                                          | Nil |
|  |  |  | (iv) Italy                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Pelargonium ring spot virus<br>(b) Pelargonium chlorotic ring pattern virus<br>(c) Pelargonium zonate spot virus                                                                        | Nil |
|  |  |  | (v) Iran<br>(vi) France        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus.                                                                                                                                                                       | Nil |
|  |  |  | (vii) UK                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pelargonium line pattern carmovirus                                                                                                                                                              | Nil |
|  |  |  | (viii) Hungary<br>(ix) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pelargonium flower –break virus                                                                                                                                                                  | Nil |
|  |  |  | (x) Czech Republic             | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pelargonium leaf curl virus                                                                                                                                                                      | Nil |
|  |  |  | (xi) Sweden                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato ring spot virus                                                                                                                                                                           | Nil |
|  |  |  | (xii) Poland                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco necrosis virus                                                                                                                                                                           | Nil |

|      |                                    |                             |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                         |                                                        |
|------|------------------------------------|-----------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
|      |                                    |                             | (xiii) Any country except USA, UK, Italy, Hungary, Germany, Netherlands, Czech Republic, Sweden, Poland, Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                        | NIL                                                    |
| 307. | <i>Gerbera jamesonii</i> (Gerbera) | (i) Seeds for sowing        | (i) USA<br>(ii) Europe<br>(iii) Asia                                                                            | Nil                                                                                                                                                                                                                                                                                                                                                     | Free from quarantine weed seeds.                       |
|      |                                    | (ii) Plants for propagation | (i) Netherlands                                                                                                 | Free from:<br>(a) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(b) <i>Otiorhynchus sulcatus</i> (Vine weevil)<br>(c) <i>Thrips angusticeps</i> (Field thrips)<br>(d) <i>Phytonemus pallidus</i> (Strawberry mite)<br>(e) <i>Phytophthora cryptogea</i> (Tomato root rot)                                                                | Post-entry quarantine growing for a period of 45 days. |
|      |                                    |                             | (ii) Germany                                                                                                    | Free from:<br>(a) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(b) <i>Trialeurodes vaporariorum</i> (Glasshouse white fly)<br>(c) <i>Phytonemus pallidus</i> (Strawberry mite)<br>(d) <i>Phytophthora cryptogea</i> (Tomato foot rot)                                                                                                   | Post-entry quarantine growing for a period of 45 days. |
|      |                                    |                             | (iii) Europe (except Germany)                                                                                   | Free from:<br>(a) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(b) <i>Otiorhynchus sulcatus</i> (vine weevil)<br>(c) <i>Trialeurodes vaporariorum</i> (glasshouse white fly)<br>(d) <i>Thrips angusticeps</i> (field thrips)<br>(e) <i>Phytonemus pallidus</i> (Strawberry mite)<br>(f) <i>Phytophthora cryptogea</i> (tomato foot rot) | Post-entry quarantine growing for a period of 45 days. |



|      |                                            |                              |                                                                                                                                             |                                                                                                                                                                                                                                                                                                             |                                                                                    |
|------|--------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
|      |                                            |                              | (iv) USA                                                                                                                                    | Free from:<br>(a) <i>Chrysodeixis includens</i> (soybean looper)<br>(b) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(c) <i>Trialeurodes vaporariorum</i> (Glasshouse white fly)<br>(d) <i>Phytonemus pallidus</i> (Strawberry mite)<br>(e) <i>Phytophthora cryptogea</i> (tomato foot rot) | Post-entry quarantine growing for a period of 45 days.                             |
|      |                                            | (iii) Tissue cultured plants | (i) Europe<br>(ii) Australia<br>(iii) Argentina<br>(iv) Greece<br>(v) Japan<br>(vi) Columbia<br>(vii) USA<br>(viii) Mexico<br>(ix) Slovenia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus                                                                                                                                                                         | Nil                                                                                |
|      |                                            |                              | (x) Turkey                                                                                                                                  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco mosaic virus                                                                                                                                                                              | Nil                                                                                |
|      |                                            |                              | (xi) Russia                                                                                                                                 | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco rattle tobavirus                                                                                                                                                                          | Nil                                                                                |
|      |                                            |                              | (xii) Any country except Europe, Argentina, Greece, Japan, Columbia, Italy, USA, Mexico, Slovenia, Turkey, Russia                           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                            | Nil                                                                                |
|      |                                            |                              | (iv) Plants/cuttings for propagation purpose                                                                                                | (i) Kenya<br>(ii) Israel                                                                                                                                                                                                                                                                                    | (i) Free from soil.<br>(ii) Post-entry quarantine growing for a period of 45 days. |
| 308. | <i>Gliricidia sepium</i> (Mother of Cocoa) | Seeds for sowing             | Kenya                                                                                                                                       | Nil                                                                                                                                                                                                                                                                                                         | Freedom from quarantine weed seeds                                                 |
| 309. | <i>Gloriosa</i> spp. (Gloriosa)            | Seeds for sowing             | (i) South Africa<br>(ii) Ghana                                                                                                              | Nil                                                                                                                                                                                                                                                                                                         | Free from quarantine weed seeds.                                                   |

|      |                                                     |                                        |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------|-----------------------------------------------------|----------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 310. | <i>Glossostigma elatinoides</i>                     | (i) Plants for propagation             | Japan       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 60 days.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|      |                                                     | (ii) Tissue culture plants             | Japan       | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                                                                                                                                                                                                                                                                                                                                                                   | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 311. | <i>Glycine</i> spp.<br>(Soybean)                    | (i) Seed for sowing                    | Any Country | Free from:<br>(a) Downy mildew ( <i>Peronospora manshurica</i> )<br>(b) Stem canker ( <i>Diaporthe phaseolorum</i> var. <i>caulivora</i> )<br>(c) Root and stem rot ( <i>Phytophthora megasperma</i> var. <i>sojae</i> )<br>(d) Pod and stem blight ( <i>Phomopsis longicolla</i> )<br>(e) Soybean cyst nematode ( <i>Heterodera glycines</i> )<br>(f) Bacterial wilt ( <i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i> ),<br>(g) Soybean viruses viz. dwarf, chlorotic mottle, stunt, poty.<br>(h) Bruchids ( <i>Bruchidius</i> spp.) | (i) Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.<br>(ii) Free from soil.                                                                                                                                                                                                                                                                                                    |
|      |                                                     | (ii) Seeds for consumption/ processing | Any Country | Free from Bruchids ( <i>Bruchidius</i> spp.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (i)(a)Weed free crop/ area certification or (b)Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or (c)Devitalization of seed by heat treatment at 120°C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India<br>(ii)Management of handling, transportation, milling, and processing of import consignment and manner of disposal of refuse as per the guidelines prescribed by the Plant Protection Advisor to the Government of India |
| 312. | <i>Gomphrena</i> spp. (Globosa)<br>(Globe amaranth) | Seeds for sowing                       | (i) Japan   | Free from soybean dwarf virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weeds seeds and soil.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

|      |                                |                                      |                                                                                                          |                                                                                                                     |                                                                                                                                                                                                  |
|------|--------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                |                                      | (ii) Germany<br>(iii) Taiwan<br>(iv) USA<br>(v) Netherlands<br>(vi) France<br>(vii) UK<br>(viii) Denmark | Nil                                                                                                                 | Free from quarantine weed seeds.                                                                                                                                                                 |
| 313. | <i>Goodenia</i> spp.           | Tissue culture plants                | Australia                                                                                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.    | Nil                                                                                                                                                                                              |
| 314. | <i>Gossypium</i> spp. (Cotton) | Raw cotton bales for industrial use. | Any Country                                                                                              | Free from Cotton boll weevils ( <i>Anthonomus grandis</i> , <i>A. peninsularis</i> and <i>A. vestitus</i> )         | Fumigation with Methyl bromide @ 24 g/cu. m for 24 h at 21°C and above under NAP at the port of entry or by any other fumigant/substance in the manner approved by the Plant Protection Adviser. |
| 315. | <i>Grevillea</i> spp.          | Tissue culture plants                | Australia                                                                                                | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil                                                                                                                                                                                              |
| 316. | <i>Guaiacum</i> spp.           | Plants for propagation               | USA                                                                                                      | Free from <i>Diaprepes abbreviatus</i> (citrus weevil)                                                              | Post-entry quarantine growing for a period of 45 days.                                                                                                                                           |
| 317. | <i>Guizotia</i> spp. (Niger)   | Seeds for sowing                     | Uganda                                                                                                   | Nil                                                                                                                 | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                         |
|      |                                | Grains for consumption               | (i) Ethiopia                                                                                             | Free from:<br>(a) <i>Spodoptera littoralis</i> (cotton leaf worm)<br>(b) <i>Orobanche minor</i> (common broomrape)  | (i) Free from quarantine weed seeds.<br>(ii) Fumigation with Methyl                                                                                                                              |

|      |                                    |                                                 |                                |                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                            |
|------|------------------------------------|-------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                    |                                                 | (ii) Myanmar                   | Nil                                                                                                                                                                     | bromide @ 48 g/cu. m at @ 21°C and above or equivalent thereof under NAP of heat treatment at 56 °C (core temperature) for 30 minutes or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser and the treatment to be endorsed on phytosanitary certificate issued at the country of origin/ re-export. |
| 318. | <i>Gypsophillia</i> sp             | Plants for propagation                          | The Netherlands                | Nil                                                                                                                                                                     | (i) Freedom from soil.<br>(ii) Post-entry quarantine period for one growth season                                                                                                                                                                                                                                                          |
| 319. | <i>Gypsophilla paniculata</i>      | (i) Tissue culture plants                       | Israel                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                        | Post-entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                                             |
|      |                                    | (ii) Stems/ cuttings and plants for propagation | Israel                         | Free from:<br><i>Erysiphe buhrri</i>                                                                                                                                    | (i) Post entry quarantine for a growing period of 90 days.<br>(ii) Free from soil.                                                                                                                                                                                                                                                         |
|      |                                    | (iii) Seeds for sowing                          | Denmark                        | Nil                                                                                                                                                                     | Freedom from quarantine weeds seeds and soil.                                                                                                                                                                                                                                                                                              |
| 320. | <i>Hasslerina</i> spp.             | Seeds for sowing                                | (i) Netherlands<br>(ii) France | Nil                                                                                                                                                                     | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                           |
| 321. | <i>Hedera</i> spp.<br>(Hedera)     | Plants for propagation                          | Asia                           | Nil                                                                                                                                                                     | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                                             |
| 322. | <i>Hedichium</i> spp.              | Tissue cultured plants                          | Any Country                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                         | Nil                                                                                                                                                                                                                                                                                                                                        |
| 323. | <i>Helianthus</i> spp. (Sunflower) | (i) Seeds for sowing                            | Any Country                    | Free from:<br>(a) Downy mildew ( <i>Plasmopara halstedii</i> )<br>(b) Bruchid ( <i>Bruchidius</i> spp.)<br>(c) Larger Dermestid beetle ( <i>Trogoderma versicolor</i> ) | (i) Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.<br>(ii) Seed treatment with metalaxyl @ 2% at the country of origin prior to shipment and the treatment shall be endorsed on phytosanitary certificate.                                                                  |

|      |                                                                         |                                          |                                            |                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------|-------------------------------------------------------------------------|------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                         | (ii) Seeds for consumption or processing | Any Country                                | Nil                                                                                                                                              | (i)(a) Weed free crop/ area certification or (b) Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or (c) Devitalization of seed by heat treatment at 120°C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India<br>(ii) Management of handling, transportation, milling, and processing of import consignment and manner of disposal of refuse as per the guidelines prescribed by the Plant Protection Advisor to the Government of India. |
| 324. | <i>Helichrysum</i> spp.                                                 | Seeds for sowing                         | Australia                                  | Nil                                                                                                                                              | Freedom from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 325. | <i>Helichrysum bracteatum</i> (Straflower)                              | Seeds for sowing                         | (i) Europe<br>(ii) USA                     | Nil                                                                                                                                              | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 326. | <i>Helleborus</i> spp. (Lantern/ Christmas flower)                      | Tissue cultured plants                   | (i) Germany<br>(ii) Japan                  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from Helleborous mosaic (Carlavirus) virus. | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|      |                                                                         |                                          | (iii) Any country except Germany and Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 327. | <i>Hemarthria altissima</i> /<br><i>Hyparrhenia rufa</i> (Jaraguagrass) | Seeds for sowing                         | Kenya                                      | Nil                                                                                                                                              | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 328. | <i>Hemerocallis</i> spp.                                                | Tissue cultured plants                   | Any Country                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 329. | <i>Heuchera</i> spp.                                                    | Tissue cultured plants                   | Any Country                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 330. | <i>Hibiscus</i> spp. (Hibiscus)                                         | (i) Seeds for sowing                     | (i) Dominican Republic                     | Free from <i>Ascochyta abelmoschi</i> (Leaf spot)                                                                                                | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

|  |  |                                    |                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                               |
|--|--|------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
|  |  |                                    | (ii) China                         | Free from <i>Colletotrichum hibisci</i> (Anthracnose)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Free from quarantine weed seeds.                                              |
|  |  |                                    | (iii) Japan                        | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Freedom from quarantine weeds seeds.                                          |
|  |  |                                    | (iv) Ecuador                       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Free from quarantine weeds seeds and soil.                                    |
|  |  | (ii) Seeds for consumption purpose | Ecuador                            | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Free from quarantine weeds seeds and soil.                                    |
|  |  | (iii) Plants for propagation       | (i) Asia                           | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Post entry quarantine for a period of 45 days.                                |
|  |  |                                    | (ii) Australia                     | Free from Hibiscus chlorotic ring spot virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Post entry quarantine for a period of 45 days.                                |
|  |  |                                    | (iii) USA                          | Free from:<br>(a) <i>Parabemisia myricae</i> (Bayberry whitefly)<br>(b) <i>Paracoccus marginatus</i> (Papaya mealybug)<br>(c) <i>Pectinophora scutigera</i> (Pink spotted bollworm)<br>(d) <i>Phenacoccus madeirensis</i> (Cassava mealybug)<br>(e) <i>Pseudococcus calceolariae</i> (Citrophilus mealybug)<br>(f) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(g) <i>Spodoptera frugiperda</i> (Fall armyworm)<br>(h) <i>Steirastoma breve</i> (Cacao beetle)<br>(i) <i>Armillaria tabescens</i> (Armillaria root rot)<br>(j) <i>Rhizobium rhizogenes</i> (Bacterial gall)<br>(k) Hibiscus chlorotic ring spot virus | Post entry quarantine for a period of 45 days.                                |
|  |  |                                    | (iv) Spain                         | Free from:<br><i>Frankliniella occidentalis</i> (western flower thrips)<br><i>Parabemisia myricae</i> (bayberry whitefly)<br><i>Pseudococcus calceolariae</i> (scarlet mealybug)<br><i>Spodoptera littoralis</i> (cotton leafworm)<br><i>Trialeurodes vaporariorum</i> (greenhouse whitefly)                                                                                                                                                                                                                                                                                                                                              | (i) Freedom from soil.<br>(ii) Post entry quarantine for a period of 45 days. |
|  |  |                                    | (v) French Polynesia               | Free from <i>Chaetocnema confinis</i> (flea beetle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (i) Freedom from soil.<br>(ii) Post entry quarantine for a period of 45 days. |
|  |  | (ii) Tissue cultured plants        | (i) Spain<br>(ii) French Polynesia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Nil                                                                           |

|      |                                                                                   |                                      |                                                                                                                                                                           |                                                                                                                                                        |                                                                                             |
|------|-----------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| 331. | <i>Hibiscus cannabinus</i> ,<br><i>Hibiscus</i> and its wild<br>relatives (Kenaf) | Seeds for sowing                     | (i) Angola                                                                                                                                                                | Free from <i>Spermophagus pygopubens</i>                                                                                                               | Freedom from quarantine weed seeds                                                          |
|      |                                                                                   |                                      | (ii) El Salvador<br>(iii)Guatemala                                                                                                                                        | Free from <i>Anthonomus grandis</i> (cotton boll weevil)                                                                                               |                                                                                             |
|      |                                                                                   |                                      | (iv) Sri Lanka                                                                                                                                                            | Free from <i>Spermophagus convolvuli</i>                                                                                                               |                                                                                             |
|      |                                                                                   |                                      | (v) South africa                                                                                                                                                          | Free from <i>Spermophagus maurus</i>                                                                                                                   |                                                                                             |
|      |                                                                                   |                                      | (vi) USA                                                                                                                                                                  | Free from:<br>(a) <i>Althaeus hibisci</i><br>(b) <i>Anthonomus grandis</i><br>(c) <i>Cristulariella maricola</i><br>(d) <i>Grovensinia pyramidalis</i> | (i) Freedom from quarantine weed seeds<br>(ii) Fumigation with phosphine @ 3 g/cu cm at NAP |
|      |                                                                                   |                                      | (vii) Australia<br>(viii) Bangladesh<br>(ix) Benin<br>(x) Indonesia<br>(xi) Iran<br>(xii) Ivory Coast<br>(xiii) Nigeria<br>(xiv) Myanmar<br>(xv)Thailand<br>(xvi) Vietnam | Nil                                                                                                                                                    | Freedom from quarantine weed seeds                                                          |
| 332. | <i>Hieracium pilosella</i>                                                        | Germplasm material for research only | (i) Australia<br>(ii) Brazil<br>(iii) Czech Republic<br>(iv) Kenya<br>(v) Romania<br>(vi) Syria                                                                           | Free from <i>Ditylenchus dipsaci</i>                                                                                                                   | Freedom from quarantine weed seeds                                                          |

|      |                              |                                                   |             |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                              |
|------|------------------------------|---------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                              | Whole plant (dried) (except seeds) for processing | Any country | Free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                 | Fumigation with Methyl bromide @ 32 g/cu. m at @ 21°C and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser.                     |
| 333. | <i>Hoordia</i> spp.          | Tissue cultured plants                            | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                               | Nil                                                                                                                                                                                                                                                                          |
| 334. | <i>Hordeum</i> spp. (Barley) | (i) Seeds for sowing                              | Any Country | Free from:<br>(a) Glume rot ( <i>Pseudomonas syringae</i> pv. <i>atrofaciens</i> )<br>(b) Barley Stripe mosaic (Hordeivirus)<br>(c) Ergot ( <i>Claviceps purpurea</i> )<br>(d) Granary weevil ( <i>Sitophilus granarius</i> ) | (i)Free from quarantine weeds.<br>(ii)Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.                                                                                                                          |
|      |                              | (ii) Grains for consumption                       | Any Country | Free from :<br>(a)Ergot( <i>Claviceps purpurea</i> )<br>(b) Granary weevil ( <i>Sitophilus granarius</i> )                                                                                                                    | Fumigation with Methyl bromide @ 32 g/cubic metre @ 21°C and above for 24 hrs under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser.                             |
|      |                              | (iii) Grains for malting                          | Any Country | Free from:<br>(c)Ergot ( <i>Claviceps purpurea</i> )<br>(d)Granary weevil ( <i>Sitophilus granarius</i> )                                                                                                                     | Fumigation with Methyl Bromide @32g/cu. Metre at 21 degree Celsius or above under NAP or Fumigation with Aluminum Phosphide @ 9g/metric tonne (in case of import in bulk) with an exposure period of 21 days and either of the above treatment is to be endorsed on the PSC. |



|      |                            |                                                                   |                                                                   |                                                                                                                                                                                                          |                                                                                                                                                                  |
|------|----------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 335. | <i>Hosta</i> spp.          | Tissue cultured plants                                            | (i) USA                                                           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Impatiens necrotic spot virus<br>(b) Tomato ring spot virus<br>(c) Hosta virus X      | Nil                                                                                                                                                              |
|      |                            |                                                                   | (ii) Any country except USA                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from hosta virus X                                                                                  | Nil                                                                                                                                                              |
| 336. | <i>Howea</i> spp.          | (i) Seeds for sowing                                              | Any country                                                       | Nil                                                                                                                                                                                                      | Free from quarantine weeds seeds                                                                                                                                 |
|      |                            | (ii) Plants for propagation                                       | Any country (Except from Africa, America and Caribbean countries) | Free from Palm lethal yellowing phytoplasma                                                                                                                                                              | (i) Free from soil.<br>(ii) Post-entry quarantine growing for a period of 10-12 months                                                                           |
| 337. | <i>Humulus</i> spp. (Hops) | (i) Cuttings (rooted/ un-rooted)/saplings                         | Any Country                                                       | Free from:<br>(a) Downy mildew ( <i>Pseudoperonospora humuli</i> )<br>(b) Hops cyst nematode ( <i>Heterodera humuli</i> )<br>(c) Hop viruses                                                             | (i) Post-entry quarantine for a period of 6 months.<br>(ii) Free from soil.                                                                                      |
|      |                            | (ii) Dried flower cones (hops) in bales for industrial processing | Any Country                                                       | As above at (b)                                                                                                                                                                                          | (i) Heat treatment at 63°C for 6 hrs<br>(ii) The refuse collected from the Mill and the jute bags that are used for packing should be destroyed by incineration. |
| 338. | <i>Hydrangea</i> spp.      | Tissue cultured plants                                            | (i) Columbia                                                      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Hydrangea ring spot virus<br>(b) Hydrangea latent virus<br>(c) Tomato ring spot virus | Nil                                                                                                                                                              |
|      |                            |                                                                   | (ii) Canada                                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tomato ring spot virus<br>(b) Hydrangea latent virus<br>(c) Hydrangea ring spot virus | Nil                                                                                                                                                              |
|      |                            |                                                                   | (iii) UK                                                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) Hydrangea mosaic virus<br>(b) Hydrangea ring spot virus<br>(c) Tomato ring spot virus  | Nil                                                                                                                                                              |

|      |                                          |                                              |                                                         |                                                                                                                                                                                                             |                                                                                                                                                                                           |
|------|------------------------------------------|----------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                          |                                              | (iv) USA<br>(v) Japan                                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tomato spotted wilt virus<br>(b) Tomato ring spot virus<br>(c) Hydrangea ring spot virus | Nil                                                                                                                                                                                       |
|      |                                          |                                              | (v) Any country except Columbia, Canada, UK, USA, Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Hydrangea ring spot virus<br>(b) Tomato ring spot virus                                  | Nil                                                                                                                                                                                       |
| 339. | <i>Hydrastic Canadensis</i>              | Seeds for sowing                             | (i)Europe<br>(ii)USA<br>(iii)Canada                     | Nil                                                                                                                                                                                                         | Free from quarantine weed seeds and soil contamination.                                                                                                                                   |
| 340. | <i>Hygrophila polysperma</i>             | (i) Plants for propagation                   | Japan                                                   | Nil                                                                                                                                                                                                         | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 60 days.                                                                                         |
|      |                                          | (ii) Tissue culture plants                   | Japan                                                   | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                         | Nil                                                                                                                                                                                       |
| 341. | <i>Hylocereus undatus</i> (Dragon fruit) | (i) Fresh fruit for consumption              | (i) Sri Lanka<br>(ii) Thailand                          | Nil                                                                                                                                                                                                         | Freedom from soil.                                                                                                                                                                        |
|      |                                          |                                              | (iii) Vietnam                                           | Nil                                                                                                                                                                                                         | Nil                                                                                                                                                                                       |
|      |                                          | (ii) Stems/ cuttings / Plant for propagation | Malaysia                                                | Nil                                                                                                                                                                                                         | (i) Freedom from soil.<br>(ii) Post entry quarantine for a period 6 to 9 months.                                                                                                          |
|      |                                          | (iii) Plants for propagation                 | Thailand                                                | Nil                                                                                                                                                                                                         | (i) Post-entry quarantine growing for a period of 10-12 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
| 342. | <i>Hypericum</i> spp.                    | Seeds for sowing                             | (i) Asia<br>(ii) Europe<br>(iii) USA                    | Nil                                                                                                                                                                                                         | Free from quarantine weed seeds.                                                                                                                                                          |
| 343. | <i>Hypericum perforatum</i>              | Plants/cuttings for propagation              | Netherlands                                             | Nil                                                                                                                                                                                                         | 1. Freedom from soil.<br>2. Post entry quarantine for a                                                                                                                                   |

|      |                                                     |                                     |                                      |                                                                                                                     |                                                                                                                                                                                                 |
|------|-----------------------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                     |                                     |                                      |                                                                                                                     | growing period of 6-9 months.                                                                                                                                                                   |
| 344. | <i>Hypphaene</i> spp.                               | (i) Seeds for sowing                | Any Country                          | Nil                                                                                                                 | Free from quarantine weed seeds.                                                                                                                                                                |
|      |                                                     | (ii) Plants for propagation         | Any country                          | Nil                                                                                                                 | (i) Free from soil<br>(ii) Post-entry quarantine growing for a period of 10-12 months.                                                                                                          |
| 345. | <i>Hypnum curvifolium</i> (Hypnum Moss/ Green Moss) | Moss for consumption/processing     | Any country                          | Nil                                                                                                                 | (i) Import Permit should be obtained from Plant Protection Adviser to the Government of India, Faridabad<br>(ii) Free from soil, grain and weed seeds.<br>(iii) Steam sterilized for 30 minutes |
| 346. | <i>Hypocalymma robustum</i>                         | Tissue culture plants               | Australia                            | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil                                                                                                                                                                                             |
| 347. | <i>Hypoestes</i> spp.                               | Seed for sowing                     | Netherlands, Denmark and Germany     | Nil                                                                                                                 | Free from quarantine weeds seeds and soil                                                                                                                                                       |
| 348. | <i>Hypolaena</i> spp.                               | Tissue culture plants               | Australia                            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus | Nil                                                                                                                                                                                             |
| 349. | <i>Iberis</i> spp. (Candytuft)                      | Seeds for sowing                    | (i) Asia<br>(ii) Europe<br>(iii) USA | Nil                                                                                                                 | Free from quarantine weed seeds.                                                                                                                                                                |
| 350. | <i>Icacinaeae</i> (Nothapodytes roots)              | Dried roots for consumption purpose | China                                | Nil                                                                                                                 | Free from soil and other plant debris.                                                                                                                                                          |
| 351. | <i>Illicium verum</i> (Star Aniseed)                | Seeds for sowing                    | China                                | Nil                                                                                                                 | Free from quarantine weed seeds.                                                                                                                                                                |
| 352. | <i>Impatiens</i> spp. (Impatiens)                   | Seeds for sowing                    | (i) Denmark                          | Free from <i>Phyllosticta impatiens</i>                                                                             | Free from quarantine weed seeds.                                                                                                                                                                |
|      |                                                     |                                     | (ii) Europe                          | Free from:<br>(a) Tomato ring spot virus<br>(b) Tomato aspermy virus                                                | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from tomato ring spot virus and tomato aspermy virus                                                    |

|      |                                                                  |                             |                                            |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                   |
|------|------------------------------------------------------------------|-----------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                  |                             | (iii) USA                                  | Free from Impatiens necrotic virus                                                                                                                                                                                                                                                                                                                                         | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from impatiens necrotic virus.                                                                                                                                                                                            |
|      |                                                                  |                             | (iv) Japan<br>(iv) Taiwan<br>(v) Australia | Nil                                                                                                                                                                                                                                                                                                                                                                        | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                  |
|      |                                                                  |                             | (vi) Guatemala                             | Nil                                                                                                                                                                                                                                                                                                                                                                        | Free from quarantine weed seeds and soil.                                                                                                                                                                                                                                                                         |
|      |                                                                  | (i) Plants for propagation  | (i) USA                                    | Free from:<br>(a) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(b) <i>Hercinothrips femoralis</i> (banded greenhouse thrips)<br>(c) <i>Otiorhynchus sulcatus</i> (vine weevil)<br>(d) <i>Phytonemus pallidus</i> (strawberry mite)<br>(e) <i>Rhizobium rhizogenes</i><br>(f) Clover yellow vein virus (CYVV)<br>(g) Impatiens necrotic spot virus (TSWV-I) | (i) Freedom from soil.<br>(ii) Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                     |
|      |                                                                  |                             | (ii) The Netherlands                       | Free from:<br>(a) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(b) <i>Otiorhynchus sulcatus</i> (vine weevil)<br>(c) <i>Phytonemus pallidus</i> (strawberry mite)<br>(d) Clover yellow vein virus (CYVV)<br>(e) Impatiens necrotic spot virus (TSWV-I)                                                                                                     | (i) Freedom from soil.<br>(ii) Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                     |
|      |                                                                  | (ii) Tissue cultured plants | (i) USA<br>(ii) The Netherlands            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from clover yellow vein virus (CYVV) and impatiens necrotic spot virus (TSWV-I) viruses.                                                                                                                                                                              | Nil                                                                                                                                                                                                                                                                                                               |
| 353. | <i>Imperata cylindrica</i>                                       | Wood without bark           | Indonesia                                  | Nil                                                                                                                                                                                                                                                                                                                                                                        | Fumigation with Methyl bromide at 48g per cubic metre for 24hrs at 21°C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/reexport. |
| 354. | <i>Indigofera hirsuta</i> (Hairy indigo)/ <i>Indigofera</i> spp. | Seeds for sowing            | Kenya                                      | Nil                                                                                                                                                                                                                                                                                                                                                                        | Freedom from soil and quarantine weed seeds                                                                                                                                                                                                                                                                       |

|      |                                    |                                        |                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                           |
|------|------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 355. | <i>Inga edulis</i>                 | (i) Plants for propagation             | Australia, Thailand, USA                                                                                                     | Nil                                                                                                                                                                                                                                                                                                                                                                               | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation   |
|      |                                    | (ii)Plants/cuttings for propagation    | Israel                                                                                                                       | Nil                                                                                                                                                                                                                                                                                                                                                                               | (i) Freedom from soil.<br>(ii)Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(ii) Post entry quarantine for a growing period of 3-4 months. |
| 356. | <i>Inula L.</i><br>(Pushkaramoola) | Dried plant material for medicinal use | China                                                                                                                        | Nil                                                                                                                                                                                                                                                                                                                                                                               | Free from quarantine weed seeds                                                                                                                                                           |
| 357. | <i>Ipomoea</i> spp.                | (i) Seeds for sowing                   | (i) Netherlands<br>(ii) France<br>(iii) Germany<br>(iv) Taiwan<br>(v) Japan<br>(vi) UK<br>(vii) Thailand<br>(viii) Guatemala | Nil                                                                                                                                                                                                                                                                                                                                                                               | Free from quarantine weed seeds and soil.                                                                                                                                                 |
|      |                                    | (ii) Rhizomes for propagation          | (i) Germany<br>(ii) Netherlands<br>(iii) France                                                                              | Free from:<br>(a) <i>Ditylenchus destructor</i> (potato tuber nematode)<br>(b) <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth)                                                                                                                                                                                                                                        | (i) Free from soil.<br>(ii) Post-entry quarantine for one growth season.                                                                                                                  |
|      |                                    | (iii) Plants for propagation           | (i) USA                                                                                                                      | Free from:<br>(a) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(b) <i>Hercinothrips femoralis</i> (banded greenhouse thrips)<br>(c) <i>Otiorhynchus sulcatus</i> (vine weevil)<br>(d) <i>Phytonemus pallidus</i> (strawberry mite)<br>(e) <i>Rhizobium rhizogenes</i><br>(f) Clover yellow vein virus (CYVV)<br>(g) <i>Impatiens</i> necrotic spot virus (TSWV-I) | (i) Freedom from soil.<br>(ii) Post entry quarantine for a period of 45 days.                                                                                                             |
|      |                                    |                                        | (ii) The Netherlands                                                                                                         | Free from:<br>(a) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(b) <i>Otiorhynchus sulcatus</i> (vine weevil)<br>(c) <i>Phytonemus pallidus</i> (strawberry mite)<br>(d) Clover yellow vein virus (CYVV)<br>(e) <i>Impatiens</i> necrotic spot virus (TSWV-I)                                                                                                     | (i) Freedom from soil.<br>(ii) Post entry quarantine for a period of 45 days.                                                                                                             |

|      |                                    |                                       |                                 |                                                                                                                                                                                               |                                                                                         |
|------|------------------------------------|---------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|      |                                    | (iv) Tissue cultured plants           | (i) USA<br>(ii) The Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from clover yellow vein virus (CYVV) and impatiens necrotic spot virus (TSWV-I) viruses. | Nil                                                                                     |
| 358. | <i>Iris germanica</i>              | (i) Dry roots for consumption purpose | Morocco, China                  | Nil                                                                                                                                                                                           | Free from soil and other plant debris.                                                  |
| 359. | <i>Iris pallida</i>                | (i) Dry roots for consumption purpose | Italy                           | Nil                                                                                                                                                                                           | Free from soil and other plant debris.                                                  |
| 360. | <i>Irvingia gabonensis</i>         | Seeds for consumption/ processing     | West Africa                     | Nil                                                                                                                                                                                           | Free from quarantine weed seeds, soil and other plant debris.                           |
| 361. | <i>Ixodia achilleoides</i> (daisy) | Dry flowers for decoration            | Australia                       | Nil;                                                                                                                                                                                          | Free from quarantine weeds seeds and soil                                               |
| 362. | <i>Ixora</i> spp. ( <i>Ixora</i> ) | Plants/ cuttings for propagation      | Asia                            | Nil                                                                                                                                                                                           | Post entry quarantine for a period of 45 days.                                          |
| 363. | <i>Jatropha curcas</i>             | (i) Seeds for sowing                  | Any Country                     | Nil                                                                                                                                                                                           | Free from quarantine weed seeds.                                                        |
|      |                                    | (ii) Plants for propagation           | (i) USA                         | Free from:<br>(a) <i>Diaprepes abbreviatus</i> (citrus weevil)<br>(b) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(c) <i>Armillaria tabescens</i> (armillaria root rot)   | Post entry quarantine growing for a period of 45 days                                   |
|      |                                    |                                       | (ii) Europe                     | Nil                                                                                                                                                                                           | Post entry quarantine growing for a period of 45 days                                   |
|      |                                    | (iii) Tissue cultured plants          | Any Country                     | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from viruses                                                                                  | Nil                                                                                     |
|      |                                    | (iv) Plants/ cuttings for propagation | Singapore                       | Free from:<br><i>Pseudococcus jackbeardsleyi</i><br>(Jack Beardsley mealybug)                                                                                                                 | (i) Free from soil<br>(ii) Post-entry quarantine for a period of 45 days.               |
| 364. | <i>Jessenia</i> spp.               | (i) Seeds for sowing                  | Any Country                     | Nil                                                                                                                                                                                           | Free from quarantine weed seeds.                                                        |
|      |                                    | (ii) Plants for propagation           | Any country                     | Nil                                                                                                                                                                                           | (i) Free from soil.<br>(ii) Post entry quarantine growing for a period of 10-12 months. |

|      |                              |                                                         |                                |                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                   |
|------|------------------------------|---------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 365. | <i>Juglans</i> spp. (Walnut) | (i) Wood with/without bark                              | (i) USA                        | Free from:<br>(a) <i>Hyphantria cunea</i> (Blackheaded webworm)<br>(b) <i>Popillia japonica</i> (Japanese beetle)<br>(c) <i>Xyleborus affinis</i> (Shot-hole borer of sugarcane)<br>(d) <i>Xylosandrus germanus</i> (Smaller alnus bark beetle)<br>(e) <i>Zeuzera pyrina</i> (moth, wood leopard)<br>(f) <i>Rhizobium rhizogenes</i> (bacterial gall) | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
|      |                              | (i) Wood with/without bark                              | (ii) Europe                    | Free from <i>Apomyelois ceratoniae</i> (Carob, moth)                                                                                                                                                                                                                                                                                                  | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
|      |                              |                                                         | (iii) North America except USA | Nil                                                                                                                                                                                                                                                                                                                                                   | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.  |
|      |                              | (ii) Dry fruits for consumption (shelled and unshelled) | (i) USA                        | (a) <i>Acrobasis nuxvorella</i> (pecan nut casebearer)<br>(b) <i>Amyelois transitella</i> (navel orange worm)<br>(c) <i>Curculio caryae</i> (pecan weevil)<br>(d) <i>Cydia caryana</i> (hickory shuckworm)<br>(e) <i>Brenneria rubrifaciens</i> (deep bark canker of walnut)<br>(f) <i>Brenneria nigrifluens</i> (shallow bark canker)                | Fumigation with Methyl bromide at 16 g/ cubic metre for 24 hrs at 21°C and above under NAP and the treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose.           |

|      |                                  |                  |                      |                                                                 |                                                                                                                                                                                                                                                                                                                                  |
|------|----------------------------------|------------------|----------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                  |                  | (ii)Chile            | Free from:<br><i>Pantomorus cervinus</i> (Fuller's rose beetle) | Fumigation with Aluminium Phosphide (ALP) at 9 gm/metric ton for minimum 5-7 days.<br>The treatment shall be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.                                                                                                                                    |
|      |                                  |                  | (iii) Afghanistan    | Free from:<br><i>Erschoviella musculana</i> (Asian walnut moth) | Fumigation with Methyl bromide at 16 g/ m <sup>3</sup> for 24hrs at 21°C and above under NAP or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose.<br>The treatment should be endorsed on Phytosanitary certificate issued at the Country of origin/re-export              |
|      |                                  |                  | (iv) Ukraine         | Free from:<br><i>Erschoviella musculana</i> (Asian walnut moth) | Fumigation with Methyl bromide at 48 g/ cubic meter for 24 hrs at 21 degree C and above or equivalent thereof <b>or</b><br><br>Fumigation with Aluminum Phosphide (ALP) at 9 gm/metric ton for minimum 5-7 days.<br><br>The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
|      |                                  |                  | (v) Uzbekistan       | Free from:<br><i>Erschoviella musculana</i> (Asian walnut moth) | Fumigation with Methyl bromide at 48 g/ cubic meter for 24 hrs at 21 degree C and above or equivalent thereof <b>or</b><br><br>Fumigation with Aluminum Phosphide (ALP) at 9 gm/metric ton for minimum 5-7 days.<br><br>The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 366. | <i>Juniperus Sabina</i> (Sabina) | Seeds for sowing | (i)Europe<br>(ii)USA | Nil                                                             | Free from quarantine weed seeds and soil contamination.                                                                                                                                                                                                                                                                          |



|      |                                              |                                     |                                      |                                                                                                                                                                 |                                                                                                                                                                                                                                                          |
|------|----------------------------------------------|-------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                              |                                     | (iii)Canada                          |                                                                                                                                                                 |                                                                                                                                                                                                                                                          |
| 367. | <i>Kalanchoe</i> spp.                        | (i) Tissue cultured plants          | Australia                            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                | Nil                                                                                                                                                                                                                                                      |
| 368. | <i>Kalmia</i> spp.                           | Tissue cultured plants              | Any Country                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                 | Nil                                                                                                                                                                                                                                                      |
| 369. | <i>Khaya ivorensis</i> (Khaya)               | Timber logs                         | Africa                               | Free from:<br>(a) <i>Cledus obesus</i><br>(b) <i>Gyroptera robertsi</i><br>(c) <i>Hypsipyla robusta</i><br>(d) <i>Catopyla dysorhnaea</i>                       | Fumigation with Methyl bromide @ 48 g/cu. m at @ 21°C and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser. |
| 370. | <i>Khaya senegalensis</i> (African mahogany) | (i) Seeds for sowing                | Africa                               | Nil                                                                                                                                                             | Free from quarantine weed seeds.                                                                                                                                                                                                                         |
|      |                                              | (ii) Wood with/without bark         | (i)Australia                         | Nil                                                                                                                                                             | Free from quarantine weeds seeds and soil contamination.                                                                                                                                                                                                 |
| 371. | <i>Kochia</i> spp. (Kochia)                  | Seeds for sowing                    | (i) Asia<br>(ii) Europe<br>(iii) USA | Nil                                                                                                                                                             | Free from quarantine weed seeds.                                                                                                                                                                                                                         |
| 372. | <i>Lactuca sativa</i> (Lettuce)              | (i) Fresh vegetable for consumption | Thailand                             | Nil                                                                                                                                                             | Freedom from soil.                                                                                                                                                                                                                                       |
|      |                                              | (ii) Seeds for sowing               | (i) Denmark                          | Free from :<br>(a) <i>Pythium tracheiphilum</i> (bottom rot of lettuce)<br>(b) Arabis mosaic virus<br>(c) Tobacco rattle virus<br>(d) <i>Lolium multiflorum</i> | (i) Free from soil contamination<br>(ii)Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin                                                                                               |

|  |  |  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                            |
|--|--|--|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (ii) Italy        | Free from:<br>(a) <i>Pyrenochaeta lycopersici</i> (brown rot of tomato)<br>(b) <i>Sclerotinia minor</i> (Sclerotinia disease of lettuce)<br>(c) <i>Xanthomonas axonopodis</i> pv. <i>vitians</i> (leaf spot)<br>(d) Arabis mosaic virus<br>(e) Impatiens necrotic spot virus<br>(f) Lettuce big vein virus<br>(g) Tobacco rattle virus<br>(h) Tomato infectious chlorosis virus<br>(i) <i>Lolium multiflorum</i>                                                                            | (i) Free from soil contamination<br>(ii) Seed crop inspection and certification for Free from (c) to (h) by a competent authority at the country of origin |
|  |  |  | (iii) Netherlands | Free from :<br>(a) <i>Mycocentrospora acerina</i> (anthracnose of caraway)<br>(b) Arabis mosaic virus<br>(c) Impatiens necrotic spot virus<br>(d) Lettuce big vein virus<br>(e) Tobacco rattle virus<br>(f) <i>Lolium multiflorum</i>                                                                                                                                                                                                                                                       | (i) Free from soil contamination<br>(ii) Seed crop inspection and certification for Free from (b) to (e) by a competent authority at the country of origin |
|  |  |  | (iv) USA          | Free from:<br>(a) <i>Pyrenochaeta lycopersici</i> (brown rot of tomato)<br>(b) <i>Sclerotinia minor</i> (Sclerotinia disease of lettuce)<br>(c) <i>Xanthomonas axonopodis</i> pv. <i>vitians</i> (leaf spot)<br>(d) Biden mottle virus<br>(e) Impatiens necrotic spot virus<br>(f) Lettuce big vein virus<br>(g) Lettuce infectious yellow virus<br>(h) Tobacco rattle virus<br>(i) Tomato infectious chlorosis virus<br>(j) <i>Brachiaria plantaginea</i><br>(k) <i>Lolium multiflorum</i> | (i) Free from soil contamination<br>(ii) Seed crop inspection and certification for Free from (c) to (i) by a competent authority at the country of origin |
|  |  |  | (v) France        | Free from Arabis mosaic virus (hop barebine)                                                                                                                                                                                                                                                                                                                                                                                                                                                | (i) Free from quarantine weed seeds<br>(ii) Crop inspection and certification for Free from Arabis mosaic virus (hop barebine)                             |

|  |  |                                                               |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                             |
|--|--|---------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                                                               | (vi) China         | (a) <i>Peridroma saucia</i> (pearly underwing moth)<br>(b) <i>Sclerotinia minor</i> (sclerotinia disease of lettuce)<br>(c) <i>Rhizobium rhizogenes</i> (gall)<br>(d) <i>Lolium multiflorum</i> (Italian ryegrass) Australia                                                                                                                                                                                                                                                              | (i) Free from quarantine weeds seeds and soil contamination.<br>(ii) Fumigation with phosphine @ 3 g/cu cm at NAP. The treatment should be endorsed on Phytosanitary certificate issued at the Country of Origin/re-export. |
|  |  |                                                               | (vii) Australia    | Free from:<br>(a) <i>Chrysodeixis includens</i> (soybean looper)<br>(b) <i>Deroceras reticulatum</i> (grey field slug)<br>(c) <i>Sclerotinia minor</i> (sclerotinia disease of lettuce)<br>(d) <i>Pseudomonas syringae</i> pv. <i>tagetis</i> (bacterial: <i>Tagetes</i> spp. leaf spot)<br>(e) <i>Rhizobium rhizogenes</i> (gall)<br>(f) <i>Arabis mosaic virus</i> (hop bare-bine)<br>(g) <i>Lolium multiflorum</i> (Italian ryegrass)<br>(h) <i>Orobancha minor</i> (common broomrape) | (i) Free from quarantine weed seeds and soil contamination.<br>(ii) Fumigation with phosphine @ 3 g/cu cm at NAP. The treatment should be endorsed on Phytosanitary certificate issued at the Country of Origin/re-export.  |
|  |  |                                                               | (viii) Philippines | Free from:<br>(a) <i>Helix aspersa</i> (common snail)<br>(b) <i>Lolium multiflorum</i> (Italian ryegrass)                                                                                                                                                                                                                                                                                                                                                                                 | Free from quarantine weed seeds and soil.                                                                                                                                                                                   |
|  |  |                                                               | (ix) Thailand      | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Free from quarantine weed seeds and soil.                                                                                                                                                                                   |
|  |  |                                                               | (x) Israel         | Free from:-<br>(a) <i>Peridroma saucia</i> (pearly underwing moth)<br>(b) <i>Orobancha minor</i> (common broomrape)                                                                                                                                                                                                                                                                                                                                                                       | Free from quarantine weeds seeds and soil.                                                                                                                                                                                  |
|  |  | (iii) Raw Iceberg Lettuce for consumption (leaves of lettuce) | (i) Lebanon        | Free from:<br>(a) <i>Chrysodeixis chalcites</i> (golden twin-spot moth)<br>(b) <i>Henosepilachna elaterii</i> (melon (ladybird) beetle)<br>(c) <i>Liriomyza huidobrensis</i> (serpentine leafminer)<br>(d) <i>Nasonovia ribisnigri</i> (currant-lettuce aphid)<br>(e) <i>Spodoptera littoralis</i> (cotton leafworm)<br>(f) <i>Helix aspersa</i> (common snail)<br>(g) Beet western yellows virus (turnip(mild) yellows)                                                                  | (i) Free from soil and other plant debris.<br>(ii) Fumigation with Methyl bromide @ 32 g/cu. M for 2½ hrs at 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate.                        |

|      |                                              |                                      |                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                 |
|------|----------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                              |                                      | (ii) Egypt                                                                                                         | Free from:<br>(a) <i>Bemisia tabaci</i> (B biotype) (silverleaf whitefly)<br>(b) <i>Chrysodeixis chalcites</i> (golden twin-spot moth)<br>(c) <i>Henosepilachna elaterii</i> (melon (ladybird) beetle)<br>(d) <i>Spodoptera littoralis</i> (cotton leafworm)<br>(e) <i>Helix aspersa</i> (common snail)<br>(f) <i>Phytophthora cryptogea</i> (tomato foot rot) | (i) Free from soil and other plant debris.<br>(ii) Fumigation with Methyl bromide @ 32 g/cu m for 2½ hrs. at 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate.                                                                                                                                                                            |
| 373. | <i>Lagenaria siceraria</i><br>(Bottle gourd) | Seeds for sowing                     | (i) Thailand<br>(ii) Vietnam<br>(iii) Italy<br>(iv) Philippines<br>(v) Korea DPR<br>(vi) Korea ROK<br>(vii) Taiwan | Nil                                                                                                                                                                                                                                                                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                |
|      |                                              |                                      | (vii) Japan                                                                                                        | Free from <i>Fusarium oxysporum f.sp. lagenariae</i> (bottle gourd wilt)                                                                                                                                                                                                                                                                                       | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                |
|      |                                              |                                      | Indonesia                                                                                                          | Nil                                                                                                                                                                                                                                                                                                                                                            | Free from quarantine weed seeds and soil contamination.                                                                                                                                                                                                                                                                                                                         |
| 374. | <i>Lagerstroemia</i> spp.                    | Seeds for sowing                     | Taiwan                                                                                                             | Nil                                                                                                                                                                                                                                                                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                |
| 375. | <i>Lansium domesticum</i>                    | (i) Plants for propagation           | Australia, USA, Thailand                                                                                           | Nil                                                                                                                                                                                                                                                                                                                                                            | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                                                         |
| 376. | <i>Laportea</i> spp.<br>( <i>Laportea</i> )  | Whole plants (dried) for consumption | Pakistan                                                                                                           | Nil                                                                                                                                                                                                                                                                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                |
| 377. | <i>Larrea tridentate</i><br>(Chaparral)      | Dried plants for consumption purpose | Mexico                                                                                                             | Free from<br><i>Heterodera schachtii</i> (beet cyst eelworm)                                                                                                                                                                                                                                                                                                   | (i) Free from soil contamination and other plant debris.<br>(ii) Fumigation with Methyl bromide at 32 g. per cubic metre for 24 hrs at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export. |

|      |                                  |                                                             |                                                                                                             |                                                                                                                                                                            |                                                                                                                                          |
|------|----------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| 378. | <i>Latania</i> spp.              | i) Seeds for sowing                                         | Any Country                                                                                                 | Nil                                                                                                                                                                        | Free from quarantine weed seeds                                                                                                          |
|      |                                  | (ii) Plants for propagation                                 | Any country (Except from Africa, Caribbea, Philippines and Solomon Island countries)                        | Free from:-<br>(i) Coconut cadang cadang viroid<br>(ii) Palm lethal yellowing phytoplasma                                                                                  | (i) Free from soil.<br>(ii) Post entry quarantine growing for a period of 10-12 months.                                                  |
| 379. | <i>Lathyrus</i> spp. (Sweet pea) | Seeds for sowing                                            | (i) USA<br>(ii) France<br>(iii) Japan<br>(iv) Germany<br>(v) Netherlands<br>(vi) Denmark<br>(vii) Australia | Nil                                                                                                                                                                        | Free from quarantine weed seeds.                                                                                                         |
|      |                                  |                                                             | (i) UK                                                                                                      | Free from:<br>(a) <i>Bruchus rufipes</i><br>(b) <i>B. tristicus</i>                                                                                                        | Freedom from quarantine weed seeds                                                                                                       |
|      |                                  |                                                             | (ii) Syria (ICARDA)                                                                                         | Free from:<br>(a) <i>Bruchidius jocosus</i><br>(b) <i>Bruchus rufimanus</i><br>(c) <i>B. rufipes</i><br>(d) <i>B. tristiculus</i><br>(e) <i>B. tristicus</i>               | Freedom from quarantine weed seeds                                                                                                       |
| 380. | <i>Lawsonia inermis</i>          | (i) Dried leaves and its powder for consumption/ processing | (i) Egypt                                                                                                   | Nil                                                                                                                                                                        | Free from soil and other plant debris.                                                                                                   |
|      |                                  | (ii) Dried leaves for consumption/ processing               | (i) Pakistan                                                                                                | Nil                                                                                                                                                                        | Free from soil and other plant debris                                                                                                    |
| 381. | <i>Lens</i> spp.                 | Seeds for sowing                                            | Syria (ICARDA)                                                                                              | Free from:<br>(a) <i>Acanthoscelides obtectus</i><br>(b) <i>Bruchidius algiricus</i><br>(c) <i>Bruchus atomarius</i><br>(d) <i>Bruchus ervi</i><br>(e) <i>Bruchus loti</i> | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |

|      |                                    |                              |                                                                     |                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                           |
|------|------------------------------------|------------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                    |                              |                                                                     | (f) <i>Bruchus luteicornis</i><br>(g) <i>Bruchus rufimanus</i><br>(h) <i>Bruchus rufipes</i><br>(i) <i>Bruchus signaticornis</i><br>(j) <i>Bruchus tristiculus</i><br>(k) <i>Bruchus tristis</i><br>(l) <i>Bruchus ulicis ulicis</i><br>(m) <i>Ditylenchus dipsaci</i><br>(n) <i>Heterodera glycines</i> |                                                                                                                                                                                                                                                                                                                                           |
| 382. | <i>Lens culinaris</i><br>(Lentils) | Grain (seed) for consumption | (i) Australia<br>(ii) Canada<br>(iii) China<br>(iv) Iran<br>(v) USA | Free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                                                                                            | (i) Free from soil contamination<br>(ii) Fumigation by Methyl bromide at 32 g per cubic meter for 24 hrs at 21°C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export. |
|      |                                    |                              | (vi) Nepal<br>(vii) Tanzania<br>(viii) Myanmar                      | Nil                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                           |
|      |                                    |                              | (ix) Turkey                                                         | Free from :<br>(a) <i>Bruchus lentis</i><br>(b) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                           |
|      |                                    |                              | (x) Chile                                                           | Free from :<br><i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                                                                                       | (i) Free from quarantine weeds seeds and soil contamination.<br>(ii) Methyl bromide fumigation @ 32g/ m <sup>3</sup> for 24hrs at 21°C or any other treatment approved by the Plant Protection Adviser to the Govt. of India.<br>The treatment should be endorsed on Phytosanitary certificate issued at the Country of origin/re-export. |
|      |                                    | Seeds for sowing             | Pakistan                                                            | Free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                                                                                            | Freedom from soil and quarantine weed seeds                                                                                                                                                                                                                                                                                               |
| 383. | <i>Lepidosperma</i> spp.           | Tissue culture plants        | Australia                                                           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus                                                                                                                                                                                      | Nil                                                                                                                                                                                                                                                                                                                                       |
| 384. | <i>Lepidosperma gladiatum</i>      | Tissue culture plants        | Australia                                                           | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus                                                                                                                                                                                       | Nil                                                                                                                                                                                                                                                                                                                                       |

|      |                                                  |                                       |                                           |                                                                                                                                                                    |                                                                                     |
|------|--------------------------------------------------|---------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 385. | <i>Leucadendron spp.</i>                         | (i) Plants/cuttings for propagation   | (i) USA<br>(ii) Israel                    | Nil                                                                                                                                                                | (i) Post-entry quarantine for a period of 6 months.<br>(ii) Free from soil.         |
|      |                                                  | (ii) Plants for propagation           | South Africa                              | Nil                                                                                                                                                                | (i) Post-entry quarantine for a period of 6 months.<br>(ii) Free from soil.         |
| 386. | <i>Leucaena leucocephala</i> (Leucaena)          | Seeds for sowing                      | Kenya                                     | Nil                                                                                                                                                                | Freedom from soil and quarantine weed seeds                                         |
| 387. | <i>Leucana leucocephala/ L. glauca</i> (Subabul) | Seeds for sowing                      | (i) Australia<br>(ii) Kenya               | Nil                                                                                                                                                                | Freedom from quarantine weed seeds                                                  |
|      |                                                  |                                       | (iii) Honduras                            | Free from <i>Sator pruininus</i>                                                                                                                                   |                                                                                     |
| 388. | <i>Leucojum</i> spp. (Snowflake)                 | Bulbs for propagation                 | (i) Europe<br>(ii) Asia                   | Nil                                                                                                                                                                | (i) Free from soil.<br>(ii) Post-entry quarantine for one growth season.            |
| 389. | <i>Leucospermum</i> spp.                         | Plants/cuttings for propagation       | (i) USA                                   | Nil                                                                                                                                                                | (i) Post-entry quarantine for a period of 10 months.<br>(ii) Free from soil.        |
|      |                                                  |                                       | (ii) Israel                               | Nil                                                                                                                                                                | (i) Free from soil.<br>(ii) Post entry quarantine for a growing period of 6 months. |
| 390. | <i>Levisticum officinale</i>                     | (i) Dry fruit for consumption purpose | Europe                                    | Nil                                                                                                                                                                | Free from soil and other plant debris                                               |
| 391. | <i>Libbertia</i> spp.                            | Tissue cultured plants                | Any Country                               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                   | Nil                                                                                 |
| 392. | <i>Licuala grandis</i>                           | Seeds for sowing                      | Any country                               | Nil                                                                                                                                                                | Free from quarantine weeds seeds and soil contamination.                            |
| 393. | <i>Limonium</i> spp. (Limonium/ Statice)         | (i) Seeds for sowing                  | (i) Europe<br>(ii) USA<br>(iii) Australia | Nil                                                                                                                                                                | Free from quarantine weed seeds.                                                    |
|      |                                                  |                                       | (iii) Japan                               | Free from <i>Burkholderia andropogonis</i>                                                                                                                         | Free from quarantine weed seeds.                                                    |
|      |                                                  | (ii) Plants for propagation           | (i) Europe                                | Free from :<br>(a) Impatiens necrotic spot virus<br>(b) Limonium yellow vein virus                                                                                 | Post-entry quarantine growing for a period of 45 days.                              |
|      |                                                  |                                       | (ii) Netherlands                          | Free from:<br>(a) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(b) <i>Phytophthora cryptogea</i> (Tomato foot rot)<br>(c) clover yellow vein virus | Post entry quarantine growing for 45 days period.                                   |

|  |  |                              |                             |                                                                                                                                                                                                                                                                |                                                        |
|--|--|------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
|  |  |                              | (iii) USA                   | Free from:<br>(a) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(b) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(c) Clover yellow vein virus<br>(d) tobacco rattle virus<br>(e) <i>Impatiens necrotic spot virus</i>                     | Post-entry quarantine growing for a period of 45 days. |
|  |  | (iii) Tissue cultured plants | (i) Columbia                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from statice virus Y.                                                                                                                                     | Nil                                                    |
|  |  |                              | (ii) Czech Republic         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from broad bean wilt virus.                                                                                                                               | Nil                                                    |
|  |  |                              | (iii) Europe                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) <i>Impatiens necrotic spot virus</i><br>(b) <i>Limonium yellow vein virus</i>                                                                 | Nil                                                    |
|  |  |                              | (iv) Germany                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Cucumber mosaic cucumovirus<br>(b) Turnip mosaic virus<br>(c) Statice virus Y                                                                 | Nil                                                    |
|  |  |                              | (v) Italy                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Cucumber mosaic cucumovirus<br>(b) Clover yellow vein virus                                                                                   | Nil                                                    |
|  |  |                              | (vi) Japan<br>(vii) Salento | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tomato spotted wilt virus<br>(b) <i>Burkholderia andropogonis</i> (bacterial leaf stripe of sorghum and corn)<br>(c) Clover yellow vein virus | Nil                                                    |
|  |  |                              | (viii) Lithuania            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato ring spot virus                                                                                                                               | Nil                                                    |



|      |                                        |                             |                                                                                                                                            |                                                                                                                                                                            |                                                                                                                                          |
|------|----------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                        |                             | (ix) Netherlands                                                                                                                           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) clover yellow vein virus<br>(b) Tomato bushy stunt virus  | Nil                                                                                                                                      |
|      |                                        |                             | (x) Spain                                                                                                                                  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from clover yellow vein virus                                         | Nil                                                                                                                                      |
|      |                                        |                             | (xi) USA                                                                                                                                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Tobacco rattle virus<br>(b) Impatiens necrotic spot virus | Nil                                                                                                                                      |
|      |                                        |                             | (xii) Any country except Germany, Italy, Czech Republic, Spain, Netherlands, Europe, USA, Lithuania, Silento, Japan, Columbia              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                            | Nil                                                                                                                                      |
| 394. | <i>Limonia acidissima</i> (Wood apple) | Fresh fruit for consumption | Sri Lanka                                                                                                                                  | Nil                                                                                                                                                                        | Freedom from soil.                                                                                                                       |
|      |                                        | Seeds for sowing            | (i) Indonesia<br>(ii) Malaysia<br>(iii) Mauritius<br>(iv) New Zealand<br>(v) Philippines<br>(vi) Sri Lanka<br>(vii) Thailand<br>(viii) USA | Nil                                                                                                                                                                        | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
| 395. | <i>Linaria</i> spp.                    | Seeds for sowing            | Europe                                                                                                                                     | Nil                                                                                                                                                                        | Free from quarantine weeds seeds.                                                                                                        |
| 396. | <i>Linum</i> spp. (Flax)               | (i) Seeds for sowing        | (i) Asia<br>(ii) Europe                                                                                                                    | Nil                                                                                                                                                                        | (i) Imports permitted subject to prior approval of Department of Agriculture and Cooperation<br>(ii) Free from quarantine weed seeds     |

|      |                                |                                                    |               |                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                           |
|------|--------------------------------|----------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                |                                                    | (iii) USA     | Free from:<br>(a) <i>Colletotrichum linicola</i> (Anthracnose)<br>(b) <i>Fumaria officinalis</i> (Common fumitory)                                                                                                                                                                                         | (i) Commercial imports permitted subject to prior approval of Department of Agriculture and Cooperation<br>(ii) Free from quarantine weed seeds                                                                                                                                                                                                                           |
|      |                                | (ii) Seeds for consumption                         | (iv) Nepal    | Nil                                                                                                                                                                                                                                                                                                        | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                          |
| 397. | <i>Liquidambar styraciflua</i> | (i) Timber logs with/ without bark for consumption | (i) Australia | Nil                                                                                                                                                                                                                                                                                                        | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export |
|      |                                |                                                    | (ii) USA      | Free from:<br>(a) <i>Hyphantria cunea</i> (mulberry moth)<br>(b) <i>Malacosoma americanum</i> (eastern tent caterpillar)<br>(c) <i>Malacosoma disstria</i> (forest tent caterpillar)<br>(d) <i>Orgyia leucostigma</i> (white-marked tussock moth)<br>(e) <i>Armillaria tabescens</i> (armillaria root rot) | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export |

|      |                                  |                                                    |                |                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                            |
|------|----------------------------------|----------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 398. | <i>Liriodendron tulipifera</i>   | (i) Timber logs with/ without bark for consumption | (i) Australia  | Nil                                                                                                                                                                                           | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
|      |                                  |                                                    | (ii) USA       | Free from:<br>(a) <i>Anoplophora glabripennis</i> (Asian longhorned beetle)<br>(b) <i>Orgyia leucostigma</i> (white-marked tussock moth)<br>(c) <i>Papilio canadensis</i> (tiger swallowtail) | Fumigation with Methyl bromide @ 48g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 Minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.  |
| 399. | <i>Litchi chinensis</i> (Litchi) | Stem Cuttings/ rooted plants for propagation       | (i) Australia  | Free from:<br>(i) <i>Carpophilus mutilatus</i><br>(ii) <i>Epiphyas postvittana</i> (apple moth)                                                                                               | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research.                                                                                                                                                                          |
|      |                                  |                                                    | (ii) China     | Free from:<br>(a) <i>Ceroplastes pseudoceriferus</i> (horned wax scale)<br>(b) <i>Peronophythora litchi</i> (downy blossom blight)                                                            |                                                                                                                                                                                                                                                                                                                                                                            |
|      |                                  |                                                    | (iii) Thailand | Free from:<br>(a) <i>Conopomorpha sinensis</i><br>(b) <i>Cossus</i> sp. (carpenter moths)<br>(c) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)                                 |                                                                                                                                                                                                                                                                                                                                                                            |

|      |                                                                   |                                      |                                                                                                 |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                |
|------|-------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 400. | <i>Litchi chinensis</i> and subsp. <i>philippinensis</i> (Litchi) | (i) Cuttings/ plants for propagation | (i) Madagascar<br>(ii) Vietnam                                                                  | Nil                                                                                                                                                                                                                                                                                       | (i) Freedom from soil<br>(ii) Post entry quarantine growing for a period of 6-9 months except for research.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
|      |                                                                   | (ii) Fresh fruits for consumption    | Thailand                                                                                        | Free from:<br>(a) <i>Conopomorpha sinensis</i><br>(b) <i>Pseudococcus jackbeardsleyi</i> (Jack beardsley mealybug)                                                                                                                                                                        | Freedom from soil.                                                                                                                                                                                             |
| 401. | <i>Livistona sp.</i>                                              | (i) Seeds for sowing                 | Any country (Except from Philippines and Solomon Island)                                        | Free from Coconut cadang-cadang viroid                                                                                                                                                                                                                                                    | Free from quarantine weeds seeds.                                                                                                                                                                              |
|      |                                                                   | (ii) Plants for propagation          | Any country (Except from Africa, America, Philippines, Caribbean, and Solomon Island countries) | Free from:-<br>(i) Coconut cadang - cadang viroid<br>(ii) Palm lethal yellowing phytoplasma<br>(iii) <i>Promecotheca caerulipennis</i> (Fiji coconut hispid)                                                                                                                              | (i) Free from soil.<br>(ii) Post-entry quarantine growing for a period of 10-12 months.                                                                                                                        |
| 402. | <i>Lobelia spp.</i>                                               | (i) Seeds for sowing                 | (i) France<br>(ii) UK<br>(iii) Germany<br>(iv) Netherlands<br>(v) USA<br>(vi) Denmark           | Nil                                                                                                                                                                                                                                                                                       | Free from quarantine weed seeds.                                                                                                                                                                               |
|      |                                                                   | (ii) Tissue culture plants           | The Netherlands                                                                                 | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                                                                                                       | Nil                                                                                                                                                                                                            |
| 403. | <i>Lolium multiflorum</i> (Italian ryegrass)                      | Seeds for sowing                     | (i) Japan                                                                                       | Free from:<br>(a) <i>Monographella nivalis</i><br>(b) <i>Nectria radicola</i><br>(c) <i>Burkholderia glumae</i><br>(d) <i>Burkholderia plantarii</i><br>(e) <i>Pseudomonas syringae</i> pv. <i>atropurpurea</i><br>(f) <i>Pseudomonas syringae</i> pv. <i>coronafaciens</i> (halo blight) | Freedom from soil and quarantine weed seeds                                                                                                                                                                    |

|      |                                            |                                     |                                                                               |                                                                                                                                                                                                                                                                                                                                             |                                                                                                   |
|------|--------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|      |                                            |                                     | (ii)USA                                                                       | Free from:<br>(a) <i>Gloetinia granigena</i> (blind seed disease: grasses)<br>(b) <i>Monographella nivalis</i> (foot rot of cereals)<br>(c) <i>Pseudomonas syringae</i> pv. <i>atropurpurea</i><br>(d) <i>Pseudomonas syringae</i> pv. <i>coronafaciens</i> (halo blight)<br>(e) <i>Xylella fastidiosa</i> (Pierce's disease of grapevines) | Freedom from soil and quarantine weed seeds                                                       |
| 404. | <i>Lolium perenne</i> (Perennial ryegrass) | Seeds for sowing                    | USA                                                                           | Free from:<br>(a) <i>Anguina agrostis</i> (bentgrass nematode)<br>(b) <i>Fusarium ulmorum</i> (culm rot: cereals)<br>(c) <i>Gloeotinia granigena</i> (blind seed disease: grasses)<br>(d) <i>Monographella nivalis</i> (foot rot: cereals)<br>(e) <i>Pseudomonas syringae</i> pv. <i>coronafaciens</i> (chocolate spot of maize)            | Free from quarantine weed seeds.                                                                  |
| 405. | <i>Lomandra</i> spp.                       | Tissue culture plants               | Australia                                                                     | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from viruses                                                                                                                                                                                                                                | Nil                                                                                               |
| 406. | <i>Lorapatulum</i> spp.                    | Tissue cultured plants              | Any Country                                                                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                            | Nil                                                                                               |
| 407. | <i>Lotus</i> spp. (Lotus)                  | (i) Bulbs for sowing                | (i) Any country except USA                                                    | Nil                                                                                                                                                                                                                                                                                                                                         | (i) Free from soil.<br>(ii) Post-entry quarantine for a period of 45 days                         |
|      |                                            |                                     | (ii) USA                                                                      | Free from Tomato ring spot virus (Ring spot of tomato)                                                                                                                                                                                                                                                                                      |                                                                                                   |
|      |                                            | (ii) Grains (seeds) for consumption | Pakistan                                                                      | Free from Tomato ring spot virus                                                                                                                                                                                                                                                                                                            | Free from quarantine weed seeds.                                                                  |
| 408. | <i>Loxocarya</i> spp.                      | Tissue culture plants               | Australia                                                                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus                                                                                                                                                                                                                         | Nil                                                                                               |
| 409. | <i>Ludwigia arcuata</i>                    | (i) Plants for propagation          | Japan                                                                         | Nil                                                                                                                                                                                                                                                                                                                                         | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 60 days. |
|      |                                            | (ii) Tissue culture plants          | Japan                                                                         | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                                                                                                                                                         | Nil                                                                                               |
| 410. | <i>Luffa acutangula</i> (Ridge gourd)      | Seeds for sowing                    | (i) Taiwan<br>(ii) Thailand<br>(iii) Vietnam<br>(iv) China<br>(v) Philippines | Nil                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weed seeds and soil contamination.                                           |

|      |                                        |                                        |                                                                                  |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                         |
|------|----------------------------------------|----------------------------------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                        |                                        | (vi)Indonesia                                                                    |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                         |
| 411. | <i>Luffa aegyptiaca</i> (Sponge gourd) | Seeds for sowing                       | (i) Thailand<br>(ii) Vietnam<br>(iii) Philippines<br>(iv) Hongkong<br>(v) Taiwan | Nil                                                                                                                                                                                                                                                                           | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                        |
|      |                                        |                                        | (v) China                                                                        | Free from Zucchini yellow mosaic virus                                                                                                                                                                                                                                        | (i)Free from quarantine weed seeds<br>(ii)Crop inspection and certification for free from zucchini yellow mosaic virus                                                                                                                                                                                                                                  |
| 412. | <i>Lupinus</i> spp.<br>(Lupinus)       | (i)Seeds for sowing                    | (i) USA                                                                          | Free from:<br>(a) <i>Fusarium oxysporum f.sp. phaseoli</i> (Wilt of bean)<br>(b) <i>Phomopsis longicolla</i> (Phomopsis seed decay)<br>(c) <i>Phytophthora sojae</i> (Phytophthora root and stem rot)<br>(d) <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato) | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                        |
|      |                                        |                                        | (ii) Asia<br>(iii) Europe                                                        | Nil                                                                                                                                                                                                                                                                           | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                        |
|      |                                        | (ii) Grains (splitted) for consumption | (i)Australia                                                                     | Free from:<br>a) <i>Phomopsis longicolla</i> (Phomopsis seed decay)<br>b) <i>Phomopsis leptostromiformis</i> (Stem blight: lupin)<br>c) <i>Phytophthora sojae</i> (Phytophthora root and stem rot)                                                                            | (i)Free from quarantine weeds seeds and soil contamination.<br>(ii)Fumigation by Methyl bromide at 32 g/ m3 for 24 hrs at 21°C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export. |

|      |                                             |                             |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                          |
|------|---------------------------------------------|-----------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| 413. | <i>Lupinus luteus, L. albus</i><br>(Lupins) | Seeds for sowing            | UK          | Free from:<br>(a) <i>Pleiochaeta setosa</i> (lupin leaf spot)<br>(b) <i>Nectria radicola</i> (black root)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Freedom from quarantine weed seeds                                                                       |
| 414. | <i>Lycopersicon esculentum</i><br>(Tomato)  | Seeds for sowing            | Any Country | Free from:<br>(a) Bacterial canker ( <i>Clavibacter michiganensis</i> sub sp. <i>michiganensis</i> )<br>(b) Bacterial leaf spot ( <i>Pseudomonas syringae</i> pv. <i>tomato</i> )<br>(c) Bacterial pustule ( <i>Pseudomonas syringae</i> pv. <i>punctulens</i> )<br>(d) Potato spindle tuber (viroid)<br>(e) <i>Peronospora hyoscyami</i> pv. <i>Tabacina</i><br>(f) <i>Phoma andigena</i><br>(g) <i>Verticillium alboatrum</i><br>(h) <i>Clavibacter michiganensis</i> subsp. <i>Sepedonicus</i><br>(i) Pepino mosaic virus<br>(j) Tomato aspermy virus<br>(k) Tomato black ring virus<br>(l) Tomato bushy stunt virus<br>(m) Tomato ring spot virus | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for free from (i) to (m). |
| 415. | <i>Lycopersicon peruvianum</i><br>(Tomato)  | Seeds for sowing            | Israel      | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Freedom from quarantine weed seeds                                                                       |
| 416. | <i>Lytocaryum spp</i>                       | (i) Seeds for sowing        | Any country | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Free from quarantine weeds seeds.                                                                        |
|      |                                             | (ii) Plants for propagation | Any country | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (i) Free from soil.<br>(ii) Post-entry quarantine growing for a period of 10-12 months                   |
| 417. | <i>Lytocaryum weddellianum</i>              | Seeds for sowing            | Any country | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Free from quarantine weeds seeds and soil contamination.                                                 |

|      |                                                  |                              |               |                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|--------------------------------------------------|------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 418. | <i>Macadamia</i> spp.<br>(Macadamia Nuts)        | Nuts (seeds) for consumption | (i) Australia | Nil                                                                                                                     | (i)Fumigation with Methyl bromide at 32 g. per cubic metre for 24 hrs. at 21 <sup>0</sup> C and above or equivalent<br>Or Heat treatment at 60 <sup>0</sup> C for 24 hrs or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.<br>(ii)Freedom from soil and quarantine weed seeds. |
|      |                                                  |                              | (ii) Kenya    | Free from:<br>(a) <i>Cryptophlebia leucotreta</i> (false codling moth)<br>(b) <i>Pseudotheraptus wayi</i> (coconut bug) | (i)Fumigation with Methyl bromide at 32 g. per cubic metre for 24 hrs. at 21 <sup>0</sup> C and above or equivalent<br>Or Heat treatment at 60 <sup>0</sup> C for 24 hrs or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.<br>(ii)Freedom from soil and quarantine weed seeds. |
| 419. | <i>Macadamia integrifolia</i><br>(Macademia nut) | Nuts /Seeds for sowing       | (i) Australia | Nil                                                                                                                     | (i)Freedom from soil and quarantine weed seeds<br>(ii)Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                                                                                                                                                        |
|      |                                                  |                              | (ii) Brazil   | Free from <i>Hypothenemus obscurus</i> (tropical nut borer)                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                        |



|      |                                                                                                                        |                                          |                                                                                          |                                                                                                                                                    |                                                                                                                                                                                                                                            |
|------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 420. | <i>Macadamia ternifolia</i><br>(Macadamia nut)                                                                         | Cuttings/ rooted plants for propagation  | (i) Mauritius<br>(ii) New Zealand<br>(iii) Philippines<br>(iv) Thailand<br>(v) Sri Lanka | Nil                                                                                                                                                | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month.                                                              |
|      |                                                                                                                        |                                          | (vi) Indonesia<br>(vii) Malaysia                                                         | Free from <i>Rhizobium rhizogenes</i> (bacterial gall)                                                                                             |                                                                                                                                                                                                                                            |
|      |                                                                                                                        |                                          | (viii) USA                                                                               | Free from:<br>(a) <i>Hypothenemus obscurus</i><br>(b) <i>Xyleborus affinis</i><br>(c) <i>Armillaria tabesce</i><br>(k) <i>Rhizobium rhizogenes</i> |                                                                                                                                                                                                                                            |
| 421. | <i>Macroptilium (Phaseolus) lathyroides</i> (Phasey bean)                                                              | Seeds for sowing                         | Brazil                                                                                   | Free from <i>Phakopsora meibomia</i> (soybean rust)                                                                                                | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.                                                                                                  |
| 422. | <i>Macroptilium lathyroides</i> /<br><i>Phaseolus lathyroides</i> /<br><i>Macroptilium atropurpureum</i> (Phasey bean) | Seeds for sowing                         | Kenya                                                                                    | Nil                                                                                                                                                | Freedom from quarantine weed seeds                                                                                                                                                                                                         |
| 423. | <i>Magnolia</i> spp.                                                                                                   | Tissue cultured plants                   | Any Country                                                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                   | Nil                                                                                                                                                                                                                                        |
| 424. | <i>Mahonia aquifolium</i>                                                                                              | Seeds for sowing                         | (i) Europe<br>(ii) USA<br>(iii) Canada                                                   | Nil                                                                                                                                                | Free from quarantine weed seeds and soil contamination.                                                                                                                                                                                    |
| 425. | <i>Majorana</i> spp.                                                                                                   | Seeds for sowing                         | Denmark                                                                                  | Nil                                                                                                                                                | Free from quarantine weed seeds.                                                                                                                                                                                                           |
| 426. | <i>Malva sylvestris</i>                                                                                                | Dried plants without seed for processing | Bulgaria                                                                                 | Free from:<br>(a) <i>Puccinia malvacearum</i> (rust: hollyhock)<br>(b) <i>Rhizobium rhizogenes</i> (gall)                                          | (i) Freedom from soil.<br>(ii) Freedom from quarantine weed seeds.<br>(iii) Fumigation with Methyl bromide @ 48 g/cubic metre for 24 hrs at 21°C and above or equivalent thereof under NAP at the country of origin and treatment shall be |

|      |                                                                                        |                                                          |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                               |
|------|----------------------------------------------------------------------------------------|----------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                                        |                                                          |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | endorsed on phytosanitary certificate or by any other fumigant/or substance in the manner approved by the Plant Protection Adviser for this purpose.                          |
| 427. | <i>Mandevilla spp.</i>                                                                 | Tissue culture plants                                    | Australia                                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nil                                                                                                                                                                           |
| 428. | <i>Mangifera caesia</i> (Binjai),<br><i>M. foetida</i> (Bachang),<br><i>M. odorata</i> | Germplasm material for research only                     | (i) Brazil<br>(ii) Cuba<br>(iii) Nigeria<br>(iv) Vietnam | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (i) Freedom from soil<br>(ii) Post-entry quarantine growing for 6-9 month except for research.                                                                                |
| 429. | <i>Mangifera indica</i> (Mango)                                                        | Cuttings/ grafts/ budwood/ rooted plants for propagation | (i) Brazil                                               | Free from:<br>(a) <i>Apate monachus</i> (black borer)<br>(b) <i>Aspidiotus nerii</i> (aucuba scale)<br>(c) <i>Asterolecanium pustulans</i><br>(d) <i>Atta</i> spp. (leaf cutting ants )<br>(e) <i>Crematogaster brevispinosa</i><br>(f) <i>Euschistus heros</i><br>(g) <i>Horiola picta</i> (cocoa podhopper)<br>(h) <i>Hypothenemus eruditus</i><br>(i) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(j) <i>Rhynchophorus palmarum</i><br>(k) <i>Selenaspidus articulatus</i><br>(l) <i>Sclerotium coffeicola</i><br>(m) <i>Rhizobium rhizogenes</i> | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post-entry quarantine growing for 6-9 month. |

|  |  |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                               |
|--|--|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | (ii) Cuba    | Free from:<br>(a) <i>Apate monachus</i> (black borer)<br>(b) <i>Asterolecanium pustulans</i><br>(c) <i>Atta insularis</i><br>(d) <i>Diaprepes splendleri</i><br>(e) <i>Ischnaspis longirostris</i><br>(f) <i>Mycetaspis personata</i><br>(g) <i>Pachnaeus litus</i><br>(h) <i>Paracoccus marginatus</i><br>(i) <i>Protopulvinaria mangiferae</i><br>(j) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(k) <i>Rhynchophorus palmarum</i><br>(l) <i>Selenaspis articulatus</i> (red scale)<br>(m) <i>Vinsonia stellifera</i> (stellate scale)<br>(n) <i>Oligonychus yothersi</i> (avocado mite)<br>(o) <i>Cercospora mangiferae</i> (leaf spot) | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post-entry quarantine growing for 6-9 month. |
|  |  | (iii) Niger  | Free from:<br>(a) <i>Apate monachus</i> (black borer)<br>(b) <i>Cryptophlebia leucotreta</i><br>(c) <i>Hoplolaimus pararobustus</i> (lance nematode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post-entry quarantine growing for 6-9 month. |
|  |  | (iv) Nigeria | Free from:<br>(a) <i>Anoplocnemis curvipes</i><br>(b) <i>Apate monachus</i> (black borer)<br>(c) <i>Aspidiotus nerii</i> (aucuba scale)<br>(d) <i>Bathycoelia thalassina</i><br>(e) <i>Cryptophlebia leucotreta</i><br>(f) <i>Helopeltis schoutedeni</i><br>(g) <i>Pachnoda interrupta</i> (chafer beetle)<br>(h) <i>Planococcoides njalensis</i><br>(i) <i>Scirtothrips aurantii</i> (citrus thrips)<br>(j) <i>Selenaspis articulatus</i> (red scale)<br>(k) <i>Hoplolaimus pararobustus</i>                                                                                                                                                                   | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post-entry quarantine growing for 6-9 month. |

|  |                        |  |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--|------------------------|--|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                        |  | (v) Thailand      | Free from:<br>(a) <i>Bactrocera papayae</i> (Papaya fruit fly)<br>(b) <i>Coptotermus curvitrinatus</i> (rubber termite)                                                                                                                                                                                                                                                                                                                                                                                       | (i) Pest free status for <i>Bactrocera papayae</i> as per international standards or MBr fumigation 32gm/cum for 2hrs for 21°C or above @ NAP or equivalent thereof against <i>Bactrocera papayae</i> . The treatment should be endorsed on Phytosanitary certificate issued at the country of origin.<br>(ii) Freedom from soil<br>(iii) Commercial imports subject to prior approval of DAC.<br>(iv) Post entry quarantine growing for 6-9 months. |
|  | Fruits for consumption |  | (i) Nepal         | Free from <i>Ceroplastes japonicus</i> (tortoise wax scale)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fumigation with Methylbromide at 32 g. per cubic meter for 2 hrs at 21°C and above or equivalent thereof under NAP or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary certificate issued at the Country of Origin/re-export.                                                                                                                         |
|  |                        |  | (ii) South Africa | a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>b) <i>Ceratitis cosyra</i> (Mango fruit fly)<br>c) <i>Ceratitis punctata</i> (Cacao fruit fly)<br>d) <i>Ceratitis rosa</i> (Natal fruit fly)<br>e) <i>Clavigralla tomentosicollis</i> (African pod bug)<br>f) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>g) <i>Pseudotheraptus wayi</i> (Coconut bug)<br>h) <i>Selenaspidus articulatus</i> (West Indian red scale)<br>i) <i>Thaumatotibia leucotreta</i> (False codling moth) | MBr fumigation @32 g/cubic meter for 2 hrs at 21°C and above or equivalent thereof under NAP or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.                                                                                                                                               |

|      |                                            |                                          |               |                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                               |
|------|--------------------------------------------|------------------------------------------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 430. | <i>Mangifera</i> spp. (wild mango species) | Germplasm material for research only     | (i) Myanmar   | Free from:<br>(a) <i>Plocaederus ruficornis</i><br>(b) <i>Raodiplosis orientalis</i><br>(c) <i>Rhytidodera simulans</i><br>(d) <i>Oligonychus mangiferus</i>                                         | (i) Freedom from soil and quarantine weed seeds<br>(ii) Post-entry quarantine growing for 6-9 month.                                                                                                                                                                                                                                                          |
|      |                                            |                                          | (ii) Israel   | Free from:<br>(a) <i>Apate monachus</i> (black borer)<br>(b) <i>Aspidiotus nerii</i> (aucuba scale)                                                                                                  |                                                                                                                                                                                                                                                                                                                                                               |
|      |                                            |                                          | (iii) Vietnam | Free from:<br>(a) <i>Apoderus crenatus</i><br>(b) <i>Coptotermes</i> (termites)<br>(c) <i>Euthalia aconthea</i><br>(d) <i>Olenecamptus bilobus</i><br>(e) <i>Plocaederus ruficornis</i> (bark borer) |                                                                                                                                                                                                                                                                                                                                                               |
| 431. | <i>Manihot esculenta</i>                   | Dried chips of tuber for consumption     | (i) Vietnam   | Free from <i>Coptotermes</i> (termites)                                                                                                                                                              | Fumigation with Methyl bromide at 48g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.                                                   |
|      |                                            |                                          | (ii) Nigeria  | Free from:<br>(a) <i>Prostephanus truncatus</i> (larger grain borer)<br>(b) <i>Armillaria heimii</i> (armillaria root rot)<br>(c) <i>Scutellonema bradys</i> (yam nematode)                          | (i) Free from soil and other plant debris.<br>(ii) Fumigation with Methyl bromide @ 48 g/cu.m for 24 hrs. at 21°C and above under NAP or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/ re-export. |
| 432. | <i>Matricaria</i> spp.                     | Seeds for sowing                         | UK            | Nil                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                              |
| 433. | <i>Matricaria recutita</i>                 | Dried plants without seed for processing | Bulgaria      | Free from <i>Xiphinema diversicaudatum</i>                                                                                                                                                           | (i) Freedom from soil.<br>(ii) Freedom from quarantine weed seeds.<br>(iii) Fumigation with Methyl bromide @ 48 g/cubic metre for                                                                                                                                                                                                                             |

|      |                                                |                       |                                                               |                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                             |
|------|------------------------------------------------|-----------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                |                       |                                                               |                                                                                                                                                                                                                                                       | 24 hrs at 21°C and above or equivalent thereof under NAP at the country of origin and treatment shall be endorsed on phytosanitary certificate or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser for this purpose. |
| 434. | <i>Matthiola</i> spp.<br>(stock)               | Seeds for sowing      | Japan                                                         | Nil                                                                                                                                                                                                                                                   | Freedom from quarantine weeds seeds.                                                                                                                                                                                                                        |
| 435. | <i>Matthiola incana</i><br>(Stock)             | Seeds for sowing      | (i) Denmark                                                   | Free from <i>Phoma matthiolicola</i> (Leaf spot)                                                                                                                                                                                                      | Free from quarantine weed seeds.                                                                                                                                                                                                                            |
|      |                                                |                       | (ii) USA                                                      | Free from:<br>(a) <i>Fusarium oxysporum f.sp. matthiolae</i> (Wilt)<br>(b) <i>Xanthomonas campestris p.v. raphani</i> (Raphanus leaf spot)<br>(c) <i>Xanthomonas campestris p.v. incanae</i>                                                          | Free from quarantine weed seeds.                                                                                                                                                                                                                            |
|      |                                                |                       | (iii) Brazil                                                  | Free from <i>Xanthomonas campestris p.v. raphani</i> (Raphanus leaf spot)                                                                                                                                                                             | Free from quarantine weed seeds.                                                                                                                                                                                                                            |
|      |                                                |                       | (iv) South Africa<br>(v) Australia                            | Free from <i>Xanthomonas campestris p.v. incanae</i>                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                                                                                            |
|      |                                                |                       | (vi) France<br>(vii) UK<br>(viii) Germany<br>(ix) Netherlands | Nil                                                                                                                                                                                                                                                   | Free from quarantine weed seeds.                                                                                                                                                                                                                            |
| 436. | <i>Medicago</i> spp. (Lucerne or Alfa alfa)    | Seeds for sowing      | Any Country                                                   | Free from:<br>(a) Yellow leaf blotch ( <i>Pyrenopeziza medicaginis</i> )<br>(b) Sclerotinia wilt ( <i>Sclerotinia trifoliorum</i> )<br>(c) Bacterial wilt ( <i>Corynebacterium michiganense</i> pv. <i>insidiosum</i> )<br>(d) Alfalfa cryptic virus. | (i) Free from quarantine weed seeds.<br>(ii) Commercial import subject to prior approval of Department of Agriculture and Cooperation.                                                                                                                      |
| 437. | <i>Meeboldina</i> spp.                         | Tissue culture plants | Australia                                                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus                                                                                                                                   | Nil                                                                                                                                                                                                                                                         |
| 438. | <i>Melia volkensii</i> (Melia)                 | Seeds for sowing      | (i) Australia<br>(ii) Honduras<br>(iii) Kenya                 | Nil                                                                                                                                                                                                                                                   | Freedom from quarantine weed seeds                                                                                                                                                                                                                          |
| 439. | <i>Melinis minutiflora</i><br>(Molasses grass) | Seeds for sowing      | Kenya                                                         | Nil                                                                                                                                                                                                                                                   | Freedom from quarantine weed seeds                                                                                                                                                                                                                          |
| 440. | <i>Mentha piperita</i>                         | Tissue culture plants | Canada                                                        | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                                                                   | Nil                                                                                                                                                                                                                                                         |

|      |                                                     |                             |                                                 |                                                                                                                                   |                                                                                                                                                                                         |
|------|-----------------------------------------------------|-----------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 441. | <i>Mentha spicata</i> (Mint)                        | Plants for propagation      | Israel                                          | Free from:<br>(a) <i>Peridroma saucia</i> (Pearly underwing moth)<br>(b) <i>Spodoptera littoralis</i> (Cotton leafworm)           | Post-entry quarantine for a period of 45 days.                                                                                                                                          |
| 442. | <i>Mesembryanthemum</i> spp.<br>(Livingstone daisy) | Seeds for sowing            | (i) France<br>(ii) Germany<br>(iii) Netherlands | Nil                                                                                                                               | Free from quarantine weed seeds.                                                                                                                                                        |
| 443. | <i>Mespilus germanica</i>                           | Plants for propagation      | Thailand                                        | Nil                                                                                                                               | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
|      |                                                     |                             | Australia                                       | Free from:-<br>(a) <i>Caliroa cerasi</i> (pear and cherry slugworm)<br>(b) <i>Rhopalosiphum insertum</i> (applegrass aphid)       | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.                                                                                                    |
|      |                                                     |                             | USA                                             | Free from:-<br>(a) <i>Caliroa cerasi</i> (pear and cherry slugworm)<br>(b) <i>Rhopalosiphum insertum</i> (applegrass aphid)       | (iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                         |
| 444. | <i>Metroxylon</i> spp.                              | (i) Seeds for sowing        | Any Country                                     | Nil                                                                                                                               | Free from quarantine weed seeds.                                                                                                                                                        |
|      |                                                     | (ii) Plants for propagation | Any country                                     | Nil                                                                                                                               | (i) Free from soil.<br>(ii) Post entry quarantine growing for a period of 10-12 months.                                                                                                 |
| 445. | <i>Micranthemum umbrosum</i>                        | (i) Plants for propagation  | Japan                                           | Nil                                                                                                                               | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 60 days.                                                                                       |
|      |                                                     | (ii) Tissue culture plants  | Japan                                           | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.               | Nil                                                                                                                                                                                     |
| 446. | <i>Mimulus</i> spp.                                 | Seeds for sowing            | (i) Europe<br>(ii) Japan<br>(iii) USA           | Nil                                                                                                                               | Free from quarantine weed seeds.                                                                                                                                                        |
| 447. | <i>Mirabilis jalapa</i>                             | Seeds for sowing            | Taiwan                                          | Nil                                                                                                                               | Free from quarantine weed seeds.                                                                                                                                                        |
| 448. | <i>Miscanthus</i> spp.                              | Tissue cultured plants      | (i) Japan                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from miscanthus streak virus | Nil                                                                                                                                                                                     |

|      |                                          |                                  |                                                                                      |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                               |
|------|------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                          |                                  | (ii) Any country except Japan                                                        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                                             | Nil                                                                                                                                                                                                                           |
| 449. | <i>Mitrogyna speciosa</i>                | Dried leaves for consumption     | Indonesia                                                                            | Nil                                                                                                                                                                                                                                                                                                                                                         | Free from soil and other plant debris.                                                                                                                                                                                        |
| 450. | <i>Momo inula paniculata</i>             | Dry flowers for decoration       | Thailand                                                                             | Nil                                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weeds seeds and soil                                                                                                                                                                                     |
| 451. | <i>Momordica charantia</i> (Bittergourd) | Seeds for sowing                 | (i) China<br>(ii) Hong Kong                                                          | Free from:<br>(a) <i>Pythium spinosum</i> (root rot)<br>(b) Zucchini yellow mosaic virus                                                                                                                                                                                                                                                                    | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for free from zucchini yellow mosaic virus                                                                                                     |
|      |                                          |                                  | (iii) Japan                                                                          | Free from Zucchini yellow mosaic virus                                                                                                                                                                                                                                                                                                                      | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from zucchini yellow mosaic virus                                                                                                     |
|      |                                          |                                  | (iv) Phillipines<br>(v) Vietnam<br>(vi) Thailand<br>(vii) Indonesia<br>(viii) Taiwan | Nil                                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weed seeds and soil contamination.                                                                                                                                                                       |
| 452. | <i>Moringa oleifera</i> (Moringa)        | Seeds/grains for consumption     | (i) Tanzania<br>(ii) Uganda                                                          | Nil                                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weed seeds.                                                                                                                                                                                              |
| 453. | <i>Morinda citrifolia</i>                | Plants/ cuttings for propagation | Israel                                                                               | Nil                                                                                                                                                                                                                                                                                                                                                         | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.                                      |
| 454. | <i>Morus alba</i> (Mulberry)             | Plants for propagation           | Canada                                                                               | Free from:<br>(a) <i>Acrosternum hilare</i> (green stink bug)<br>(b) <i>Hyphantria cunea</i> (black headed webworm)<br>(c) <i>Peridroma saucia</i> (pearly underwing moth)<br>(d) <i>Pectobacterium rhapontici</i> (rhubarb crown rot)<br>(e) <i>Rhizobium rhizogenes</i> (bacterial gall)<br>(f) <i>Xylella fastidiosa</i> (Pierce's disease of grapevine) | (i) Free from soil contamination<br>(ii) Nursery inspection and certification for Free from (e) and (f) by a competent authority at the country of origin<br>(iii) The plants shall be subjected to Post-Entry Quarantine for |



|      |                                                                                                                                                                                                                    |                                     |                                                                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                             |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                                                                                                                                                                    |                                     |                                                                                 |                                                                                                                                                                                                                                                   | 60 days.                                                                                                                                                                                                                                                    |
| 455. | <i>Mucuna</i> ( <i>Mucuna</i> )                                                                                                                                                                                    | Plants for propagation              | (i) Asia                                                                        | Nil                                                                                                                                                                                                                                               | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                              |
|      |                                                                                                                                                                                                                    |                                     | (ii) USA                                                                        | Free from :<br>(a) <i>Anticarsia gemmatilis</i> (Soybean caterpillar)<br>(b) <i>Diaprepes abbreviatus</i> (Citrus weevil)<br>(c) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(d) <i>Spodoptera frugiperda</i> (fall armyworm) | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                              |
| 456. | <i>Murraya koenigi</i> (Nutmeg)                                                                                                                                                                                    | Seeds for sowing                    | Sri Lanka                                                                       | Nil                                                                                                                                                                                                                                               | Freedom from quarantine weed seeds                                                                                                                                                                                                                          |
| 457. | <i>Musa</i> spp. (Banana)                                                                                                                                                                                          | Tissue cultured plants              | (i) Philippines                                                                 | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Abaca mosaic virus<br>(b) Banana mild mosaic virus                                                                               | Commercial imports subject to prior approval of DAC.                                                                                                                                                                                                        |
|      |                                                                                                                                                                                                                    |                                     | (ii) Australia<br>(iii) Africa<br>(iv) Latin America<br>(v) Thailand            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from banana mild mosaic virus                                                                                                                | Commercial imports subject to prior approval of DAC.                                                                                                                                                                                                        |
|      |                                                                                                                                                                                                                    |                                     | (vi) Any country except Philippines, Australia, Africa, Latin America, Thailand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                  | Commercial imports subject to prior approval of DAC.                                                                                                                                                                                                        |
| 458. | <b>Mushroom:</b><br><i>Agaricus bisporus</i> (Button),<br><i>Agaricus subrufescens</i> (Almond),<br><i>Auricularia polytricha</i> (Cloud Ear),<br><i>Boletus edulis</i> (Porcini),<br><i>Cantharellus cibarius</i> | (i) Frozen mushroom for consumption | (i) France                                                                      | Free from:<br>Soil, insects, diseases, weed seeds and contamination of other plant material.                                                                                                                                                      | i. Mushroom shall be washed with clean water before packing.<br><br>ii. Pre-shipment freezing at -18 degree C or below for 7 days or above.<br><br>The treatment should be endorsed on phytosanitary certificate issued at the country of origin/re-export. |

|      |                                                                                                                                                                                                                                                                                                                                               |                                     |                                                                                                                        |                                                                                                                                                                                                      |                                                                                                                                                                                             |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | (Chantrelles),<br><i>Craterellus cornucopioides</i><br>(Black Trumpets),<br><i>Flammulina velutipes</i><br>(Enoki),<br><i>Lentinula edodes</i><br>(Shiitake),<br><i>Morchella esculenta</i><br>(Morels),<br><i>Marasmius oreades</i><br>(Fairy ring),<br><i>Pleurotus ostreatus</i><br>(Oyster),<br><i>Pleurotus eryngii</i><br>(King oyster) | (ii) Dried mushroom for consumption | (i) France                                                                                                             | Free from:<br>Soil, insects, diseases, weed seeds and contamination of other plant material.                                                                                                         | Fumigation with Phosphine (PH <sub>3</sub> ) at 3 g/cum for 5-7 days at NAP<br><br>The treatment should be endorsed on phytosanitary certificate issued at the country of origin/re-export. |
|      |                                                                                                                                                                                                                                                                                                                                               | (iii) Mushroom spawn                | i) Netherlands<br>ii) USA<br>iii) France<br>iv) China<br>v) Italy<br>vi) Belgium<br>vii) South Korea<br>viii) Thailand | Free from:<br>Soil, insects, diseases, weed seeds and contamination of other plant material.                                                                                                         | Nil                                                                                                                                                                                         |
| 459. | <i>Myosotis</i> spp. (Myosotis)                                                                                                                                                                                                                                                                                                               | Seeds for sowing                    | (i) USA                                                                                                                | Nil                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                            |
|      |                                                                                                                                                                                                                                                                                                                                               |                                     | (ii) Netherland                                                                                                        | Free from <i>Phytonemus pallidus</i> (Strawberry mite)                                                                                                                                               | Free from quarantine weed seeds.                                                                                                                                                            |
| 460. | <i>Myrciaria cauliflora</i>                                                                                                                                                                                                                                                                                                                   | (i) Plants for propagation          | Australia, USA, Thailand                                                                                               | Nil                                                                                                                                                                                                  | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation     |
| 461. | <i>Myrciaria dubia</i>                                                                                                                                                                                                                                                                                                                        | Plants/ cuttings for propagation    | Israel                                                                                                                 | Nil                                                                                                                                                                                                  | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.    |
| 462. | <i>Nandina compacta</i>                                                                                                                                                                                                                                                                                                                       | Tissue cultured plants              | Any Country                                                                                                            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                     | Nil                                                                                                                                                                                         |
| 463. | <i>Nandina</i> spp. except <i>Nandina compacta</i>                                                                                                                                                                                                                                                                                            | (i) Tissue cultured plants          | (i) USA                                                                                                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Closterovirus<br>(b) Nandina mosaic virus<br>(c) Nandina stem pitting capilovirus | Nil                                                                                                                                                                                         |
|      |                                                                                                                                                                                                                                                                                                                                               |                                     | (ii) Any country except USA                                                                                            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                      | Nil                                                                                                                                                                                         |

|      |                                                           |                                   |                                             |                                                                                                     |                                                                                                                                                                                                                                                                                 |
|------|-----------------------------------------------------------|-----------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                           | (ii) Plants for propagation       | (i) USA                                     | Free from:<br>(a) Closterovirus<br>(b) Nandina mosaic virus<br>(c) Nandina stem pitting capilovirus | Post-entry quarantine growing for a period of 45 days                                                                                                                                                                                                                           |
|      |                                                           |                                   | (ii) Europe                                 | Nil                                                                                                 | Post-entry quarantine growing for a period of 45 days                                                                                                                                                                                                                           |
| 464. | <i>Nauclea diderrichii</i><br>(Bilinga)                   | Wood with/without bark            | Africa                                      | Free from <i>Orygmophora mediofoveata</i>                                                           | Fumigation with Methyl bromide at 48 g per cubic metre for 24 hrs at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 465. | <i>Nelumbium speciosum</i><br>( <i>Nelumbo nucifera</i> ) | (i) Grain (seeds) for consumption | (i) China<br>(ii) Thailand<br>(iii) Vietnam | Nil                                                                                                 | Free from soil and other plant debris                                                                                                                                                                                                                                           |
|      |                                                           | (ii) Stamens for consumption      | (i) China<br>(ii) Thailand<br>(iii) Vietnam | Nil                                                                                                 | Free from soil and other plant debris.                                                                                                                                                                                                                                          |
| 466. | <i>Nemesia strumosa</i><br>( <i>Nemesia</i> )             | Seeds for sowing                  | Europe                                      | Nil                                                                                                 | Free from quarantine weed seeds                                                                                                                                                                                                                                                 |
| 467. | <i>Neoregelia</i> spp.<br>( <i>Neoregelia</i> )           | (i) Seeds for sowing              | Asia                                        | Nil                                                                                                 | Free from quarantine weed seeds                                                                                                                                                                                                                                                 |
|      |                                                           | (ii) Plants for propagation       | Asia                                        | Nil                                                                                                 | Post entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                          |
| 468. | <i>Nepeta cataria</i><br>(Catmint)                        | Seeds for sowing                  | USA                                         | Nil                                                                                                 | Freedom from quarantine weeds seeds.                                                                                                                                                                                                                                            |

|      |                                          |                                                 |                                                                      |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                               |
|------|------------------------------------------|-------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 469. | <i>Nephelium lappaceum</i><br>(Rambutan) | Fruits for consumption                          | (i) Thailand                                                         | Free from:<br>(a) <i>Bactrocera papayae</i> (papaya fruit fly)<br>(b) <i>Cataenococcus hispidus</i> (citrus mealy bug)<br>(c) <i>Conopomorpha cramerella</i> (cocoa moth)<br>(d) <i>Darna diducta</i> (nettle caterpillar)<br>(e) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug) | (i) Pest-free area status for <i>Bactrocera papayae</i> (papaya fruit fly) as per international standards or<br>(ii) MB fumigation @ 32 g/cubic metre for 3 ½ hrs at 21°C or above or equivalent thereof or<br>(iii) Pre-shipment cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against papaya fruit fly. |
|      |                                          |                                                 | (ii) Sri Lanka                                                       | Free from:<br>(a) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)                                                                                                                                                                                                                 | MBr fumigation at 32 g/cubic metre for 3 ½ hrs at 21°C or above or equivalent thereof. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.                                                                                                                                                                                               |
|      |                                          | Cuttings/ grafts/ rooted plants for propagation | (i) Indonesia<br>(ii) Malaysia<br>(iii) Philippines<br>(iv) Thailand | Free from:<br>(a) <i>Conopomorpha cramerella</i><br>(b) <i>Darna diducta</i> (nettle caterpillar)<br>(c) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)                                                                                                                          | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research.                                                                                                                                                                                             |
|      |                                          |                                                 | (v) Mauritius<br>(vi) New Zealand                                    | Nil                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                               |
|      |                                          |                                                 | (vii) Sri Lanka                                                      | Free from <i>Conopomorpha cramerella</i> (cocoa moth)                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                               |
|      |                                          |                                                 | (viii) USA                                                           | Free from:<br>(a) <i>Diaprepes abbreviatus</i> (citrus weevil)<br>(b) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                               |
|      |                                          |                                                 |                                                                      |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                               |
|      |                                          |                                                 |                                                                      |                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                               |
| 470. | <i>Nephrolepis</i> spp.<br>(Nephrolepis) | Plants for propagation                          | Asia                                                                 | Nil                                                                                                                                                                                                                                                                                            | Post entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                                                                                                                                        |

|      |                                   |                                       |                                                         |                                                                                                                                        |                                                                                                                                                                                                                                                                                   |
|------|-----------------------------------|---------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 471. | <i>Nicotiana</i> spp.             | (i) Seeds for sowing                  | (i) UK                                                  | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth)<br>(b) Pepino mosaic virus                               | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from Pepino mosaic virus.                                                                                                                                                                 |
|      |                                   |                                       | (ii) Europe                                             | Nil                                                                                                                                    | Free from quarantine weed seeds                                                                                                                                                                                                                                                   |
|      |                                   |                                       | (iii) USA                                               | Free from <i>Pseudomonas syringae</i> pv. <i>mellea</i> (brown spot of tobacco)                                                        | Free from quarantine weed seeds                                                                                                                                                                                                                                                   |
|      |                                   | (ii) Leaves (unmanufactured) in bales | Any Country                                             | Free from:<br>(a) Chocolate moth ( <i>Ephestia elutella</i> )<br>(b) Blue mould ( <i>Peronospora hyoscyami</i> f.sp. <i>tabacina</i> ) | Fumigation with Aluminium Phosphide (Phosphine) @ 3 tablets per tonne for 5-7 days.                                                                                                                                                                                               |
| 472. | <i>Nigella</i> spp.               | Seeds for sowing                      | Europe                                                  | Nil                                                                                                                                    | Freedom from quarantine weeds seeds.                                                                                                                                                                                                                                              |
| 473. | <i>Nuphar lutea</i>               | (i) Seeds for sowing                  | Germany                                                 | Nil                                                                                                                                    | Free from quarantine weeds seeds                                                                                                                                                                                                                                                  |
| 474. | <i>Nymphaea</i> spp. (Nymphaea)   | Plants for propagation                | (i) Thailand<br>(ii) USA                                | Nil                                                                                                                                    | Post entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                            |
| 475. | <i>Nypa</i> spp.                  | (i) Seeds for sowing                  | Any Country                                             | Nil                                                                                                                                    | Free from quarantine weed seeds                                                                                                                                                                                                                                                   |
|      |                                   | (ii) Plants for propagation           | Any country                                             | Nil                                                                                                                                    | (i) Free from soil.<br>(ii) Post entry quarantine growing for a period of 10-12 months.                                                                                                                                                                                           |
| 476. | <i>Ochroma pyramidale</i> (Balsa) | Wood with or without bark             | Germany                                                 | Nil                                                                                                                                    | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 477. | <i>Ocimum basilicum</i> (Basil)   | (i) Seeds for sowing                  | (i) Europe<br>(ii) USA<br>(iii) Russia<br>(iv) Thailand | Nil                                                                                                                                    | Free from quarantine weed seeds.                                                                                                                                                                                                                                                  |
|      |                                   |                                       | (v) Japan                                               | Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight)                                                                       | Free from quarantine weed seeds.                                                                                                                                                                                                                                                  |

|      |                                            |                                     |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                          |
|------|--------------------------------------------|-------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                            | (ii) Grains (seeds) for consumption | Pakistan                                                    | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Free from soil and quarantine weed seeds.                                                                                                                                                                                                                |
|      |                                            | (iii) Vegetables for consumption    | Thailand                                                    | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Nil                                                                                                                                                                                                                                                      |
| 478. | <i>Oenothera</i> spp. ( <i>Oenothera</i> ) | (i) Seeds for sowing                | (i) USA<br>(ii) Netherlands<br>(iii) France<br>(iv) Germany | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Free from quarantine weed seeds.                                                                                                                                                                                                                         |
|      |                                            | (ii) Tissue cultured plants         | USA                                                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from viruses.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Nil                                                                                                                                                                                                                                                      |
| 479. | <i>Olea africana</i> (wild olive)          | Cuttings/ plants for propagation    | South Africa                                                | Free from:<br><i>Aspidiotus nerii</i> (aucuba scale)<br><i>Phaeoacremonium aleophilum</i> (Petri disease)<br><i>Phialophora parasitica</i> (wilt)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (i) Freedom from soil<br>(ii) Post entry quarantine growing for a period of 2-3 months except for research.                                                                                                                                              |
| 480. | <i>Olea europaea</i> (Olive)               | (i) Dried leaves for consumption    | Morocco                                                     | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Epidiaspis leperii</i> (European pear scale)<br>(c) <i>Saturnia pyri</i> (giant emperor moth)<br>(d) <i>Zeuzera pyrina</i> (leopard moth)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Fumigation with Methyl bromide @ 32 g/cu. m at @ 21°C and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser. |
|      |                                            | (ii) Plants for propagation         | Spain                                                       | Free from:<br>(a) <i>Acherontia atropos</i> (death's Head Hawkmoth)<br>(b) <i>Apate monachus</i> (black borer)<br>(c) <i>Epidiaspis leperii</i> (European pear scale)<br>(d) <i>Euzophera pinguis</i> (olive moth)<br>(e) <i>Hylesinus varius</i> (bark beetle)<br>(f) <i>Lasioptera berlesiana</i><br>(g) <i>Otiorhynchus armadillo</i> (armadillo weevil)<br>(h) <i>Otiorhynchus cribricollis</i> (apple weevil)<br>(i) <i>Phloeotribus scarabaeoides</i> (olive bark beetle)<br>(j) <i>Prays oleae</i> (olive kernel borer)<br>(k) <i>Saturnia pyri</i> (giant emperor moth)<br>(l) <i>Zeuzera pyrina</i> (leopard moth)<br>(m) <i>Pezicula alba</i> (bark canker)<br>(n) aster yellows phytoplasma group<br>(o) <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> (oleander knot) | Post-entry quarantine growing for a period of 60 days.                                                                                                                                                                                                   |

|  |                                          |  |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--|------------------------------------------|--|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                          |  | Italy | Free from:-<br>(a) <i>Acherontia atropos</i><br>(b) <i>Epidiaspis leperii</i><br>(c) <i>Euphyllura olivine</i><br>(d) <i>Lasioptera berlesiana</i><br>(e) <i>Metcalfa pruinosa</i><br>(f) <i>Otiorhynchus armadillo</i><br>(g) <i>Otiorhynchus scribri collis</i><br>(h) <i>Prays oleae</i><br>(i) <i>Saturnia pyri</i><br>(j) <i>Zeuzera pyrina</i><br>(k) <i>Helicotylenchus oleae</i><br>(l) <i>Eutypa lata</i><br>(m) <i>Fomitiporia mediterranea</i><br>(n) <i>Phaeoacremonium aleophilum</i><br>(o) <i>Pseudomonas savastanoi pv. savastanoi</i> | (i) Free from soil.<br>(ii) Post- entry quarantine for a growing period of 6-9 months                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | (iii) Fruits for consumption/ processing |  | Spain | Free from:<br>(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(b) <i>Epidiaspis leperii</i> (European pear scale)<br>(c) <i>Lobesia botrana</i> (grape berry moth)<br>(d) <i>Prays oleae</i> (Olive kernel borer)<br>(e) <i>Phaeoacremonium maleophilum</i> (Petri disease)                                                                                                                                                                                                                                                                 | (a) Pest free status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) MBr fumigation @ 32gm/cum for 2 hrs @ 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or<br>(c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly. The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/ re-export. |

|  |                                       |            |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--|---------------------------------------|------------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                       |            | Peru | Free from:<br>(a) <i>Anastrepha fraterculus</i> (South American fruit fly)<br>(b) <i>Selenaspidus articulatus</i> (West Indian red scale)                                                                                                                                                                                                                                                                                                                                                                              | (i) Pest free status for <i>Anastrepha fraterculus</i> (South American fruit fly) as per international standards Or<br>(ii) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus intransit refrigeration against <i>Anastrepha fraterculus</i> (South American fruit fly) and 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus intransit refrigeration against <i>Anastrepha fraterculus</i> (South American fruit fly) Or<br>(iii) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against <i>Anastrepha fraterculus</i> (South American fruit fly). |
|  | (iv) Plants/ cuttings for propagation | (i) Israel |      | Free from:<br>(a) <i>Acherontia atropos</i> (death's head hawkmoth)<br>(b) <i>Aceria oleae</i> (Olive bud mite)<br>(c) <i>Apate monachus</i> (black borer)<br>(d) <i>Aspidiotus nerii</i> (aucuba scale)<br>(e) <i>Euphyllura olivine</i><br>(f) <i>Prays oleae</i> (olive kernel borer)<br>(g) <i>Saturnia pyri</i> (giant emperor moth)<br>(h) <i>Zeuzera pyrina</i> (moth, wood leopard)<br>(i) <i>Theba pisana</i> (white garden snail)<br>(j) <i>Pseudomonas savastanoi</i> pv. <i>Savastanoi</i> (oleander knot) | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for 60 days.<br>(iii) Commercial imports permitted subject to prior approval of Department of Agriculture and cooperation.<br>(iv) Fumigation with Methyl bromide @ 32 g/cu.m for 2 hrs. at 21°C and above under NAP or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/ re-export.                                                                                                                                                                                 |



|      |                                                                                                                                                                                                                      |                                                      |                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                         |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
|      |                                                                                                                                                                                                                      | (v) Seeds for sowing                                 | Jordan                                                                                                               | Free from:<br><i>Amaranthus blitoides</i><br><i>Raphanus raphanistrum</i>                                                                                                                                                                                                                                                                                                                                                                                               | Freedom from quarantine weeds seeds.                                                                    |
|      |                                                                                                                                                                                                                      |                                                      | Europe                                                                                                               | Free from:<br>(a) <i>Pezicula alba</i><br>(b) <i>Phaeoacremonium aleophilum</i><br>(c) <i>Rotylenchus roubusus</i><br>(d) <i>Heterodera crotae</i>                                                                                                                                                                                                                                                                                                                      | Freedom from quarantine weed seeds                                                                      |
|      |                                                                                                                                                                                                                      | (vi) Cuttings/ grafts/ rooted plants for propagation | USA                                                                                                                  | Free from:<br>(a) <i>Epidiaspis leperii</i> (pear scale)<br>(b) <i>Metcalfa pruinosa</i><br>(c) <i>Otiorynchus cribricollis</i><br>(d) <i>Selenaspidus articulatus</i><br>(e) <i>Zeuzera pyrina</i> (leopard moth)<br>(f) <i>Eutypa lata</i> (Eutypa dieback)<br>(g) <i>Mycocentrospora cladosporioides</i><br>(h) <i>Phaeoacmonium deophilus</i><br>(i) <i>Spilocaea oleaginea</i> (leaf spot)<br>(j) <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> (olive knot) | (i) Freedom from soil<br>(ii) Post-entry quarantine growing for 6-9 month except for research purposes. |
| 481. | <i>Opuntia ficus indica</i> (Cactus pear/ Prickly pear)                                                                                                                                                              | Germplasm material for research only                 | Mexico                                                                                                               | Free from <i>Anthonomus grandis</i> (Mexican cotton boll weevil)                                                                                                                                                                                                                                                                                                                                                                                                        | Freedom from soil and quarantine weed seeds                                                             |
| 482. | <b>Orchids :</b> ( <i>Aranda</i> , <i>Cattleya</i> , <i>Cymbidium</i> , <i>Dendrobium</i> , <i>Lawlio-cattleya</i> , <i>Mokara</i> , <i>Odontoglossum</i> , <i>Phalaenopsis</i> , <i>Vanda</i> , <i>Vanila</i> etc.) | (i) Saplings                                         | Any Country                                                                                                          | Free from:<br>(a) Bacterial leaf spots ( <i>Burkholderia gladioli</i> pv. <i>gladioli</i> and <i>Erwinia chrysanthemi</i> )<br>(b) Blossom blight ( <i>Phyllostica capitalensis</i> )<br>(c) Orchid viruses such as vanilla necrosis, <i>Odontoglossum</i> ring spot and orchid fleck etc.                                                                                                                                                                              | Post-entry quarantine for a period of 45-60 days.                                                       |
|      |                                                                                                                                                                                                                      | (ii) Tissue-cultured plants                          | Any Country                                                                                                          | Certified that the tissue-cultured plants are obtained from mother stock tested and maintained virus-free.                                                                                                                                                                                                                                                                                                                                                              | Nil.                                                                                                    |
|      | (i) <i>Cattleya</i> spp.                                                                                                                                                                                             | Tissue cultured plants                               | (i) Korea<br>(ii) Japan<br>(iii) USA<br>(iv) Hungary<br>(v) Canada<br>(vi) Italy<br>(vii) Ukraine<br>(viii) Columbia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) <i>Odontoglossum</i> ring spot virus                                                                                                                                                                                                                                                                                                                 | Nil                                                                                                     |
|      |                                                                                                                                                                                                                      |                                                      | (ix) Germany                                                                                                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from rhabdovirus                                                                                                                                                                                                                                                                                                                                                   | Nil                                                                                                     |

|  |                             |                        |                                                                                                                                              |                                                                                                                                                                                                                                                                       |     |
|--|-----------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|  |                             |                        | (x) Indonesia<br>(xi) South Africa                                                                                                           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from cattleya colour break virus                                                                                                                                 | Nil |
|  |                             |                        | (xii) Taiwan                                                                                                                                 | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Odontoglossum ring spot virus (c)<br>Rhabdovirus                                                                                                   | Nil |
|  |                             |                        | (xiii) Thailand                                                                                                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tobacco mosaic virus<br>(b) Odontoglossum ring spot virus                                                                                          | Nil |
|  |                             |                        | (xiv) Any country except Korea, Taiwan, Thailand, Japan, USA, Hungary, Canada, Italy, Ukraine, Columbia, Germany, Indonesia and South Africa | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                       | Nil |
|  | (ii) <i>Dendrobium</i> spp. | Tissue cultured plants | (i) USA                                                                                                                                      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Odontoglossum ring spot tobamo virus<br>(b) Tomato spotted wilt tospovirus<br>(c) Poty viruses<br>(d) Tobacco mosaic virus<br>(e) Dendrobium virus | Nil |

|      |                                         |                             |                                                                           |                                                                                                                                                                                                                                                                                                                                                                              |                                           |
|------|-----------------------------------------|-----------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
|      |                                         |                             | (ii) Italy                                                                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) Potyviruses<br>(b) Tobacco mosaic virus<br>(c) Dendrobium mosaic virus<br>(d) Bean yellow mosaic virus<br>(e) Tomato ring spot virus<br>(f) Orchid fleck virus<br>(g) Phalenopsis virus<br>(h) Dendrobium virus<br>(i) Grammatophyllum (bacilliform) virus | Nil                                       |
|      |                                         |                             | (iii) Japan                                                               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) Tobacco mosaic virus<br>(b) Dendrobium mosaic virus<br>(c) Tomato ring spot virus<br>(d) Orchid fleck virus                                                                                                                                                | Nil                                       |
|      |                                         |                             | (iv) Germany                                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) Grammatophyllum (bacilliform) virus<br>(b) Dendrobium vein necrosis virus<br>(c) Rhabdovirus                                                                                                                                                               | Nil                                       |
|      |                                         |                             | (v) Malaysia                                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from potyviruses.                                                                                                                                                                                                                                                       | Nil                                       |
|      |                                         |                             | (vi) Denmark                                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from dendrobium virus.                                                                                                                                                                                                                                                  | Nil                                       |
|      |                                         |                             | (vii) Any country except USA, Italy, Japan, Germany, Malaysia and Denmark | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                             | Nil                                       |
|      | (iii) <i>Vanilla planifolia</i>         | Seeds for sowing            | Papua New Guinea                                                          | Nil                                                                                                                                                                                                                                                                                                                                                                          | Free from quarantine weed seeds.          |
| 483. | <i>Orchis laxiflora</i>                 | Seeds for Medicinal purpose | China                                                                     | Nil                                                                                                                                                                                                                                                                                                                                                                          | Free from quarantine weed seeds and soil. |
| 484. | <i>Origanum</i> spp.( <i>Origanum</i> ) | Seeds for sowing            | Any Country                                                               | Nil                                                                                                                                                                                                                                                                                                                                                                          | Free from quarantine weed                 |

|      |                                                                                                                                                                                                                                                                                                                                                               |                            |                                                                 |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                              |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                                                                                                                                                                                                                                                                                                               |                            |                                                                 |                                                                                                                                                                                                                                                                                                                                                                  | seeds.                                                                                                                                                                                                                                                       |
| 485. | <b>Ornamental Palm species:</b><br>( <i>Arikuryoba</i> , <i>Borassus</i> , <i>Caryota</i> , <i>Carypha</i> , <i>Chamaedorea</i> , <i>Chrysalidocarpus</i> , <i>Dictyosperma</i> , <i>Washingtonia</i> , <i>Roystonea</i> , <i>Hyophorbe</i> , <i>Pritchardia</i> , <i>Sabal</i> , <i>Syagrus</i> , <i>Trachycarpus</i> , <i>Vietchia</i> , <i>Mascarena</i> ) | Seeds/Seed sprouts         | Any Country                                                     | (i) Free from:<br>(a) Bacterial blight ( <i>Acidovorax avenae</i> sub sp. <i>avenae</i> )- For <i>Carypha</i> spp only<br>(b) Mosaic (Poty virus)- For <i>Washingtonia</i> spp only<br>(c) Red ring nematode ( <i>Rhadinaphelenchus cocophilus</i> )<br>(ii) Certified that the seeds/seed sprouts collected from mother palms free from Cadang cadang (viroids) | Post-entry quarantine for a period of 10-12 months                                                                                                                                                                                                           |
| 486. | <i>Ornithogalum</i> spp.                                                                                                                                                                                                                                                                                                                                      | Tissue cultured plants     | (i) Japan                                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) <i>Ornithogalum</i> virus 2<br>(b) <i>Ornithogalum</i> virus 3                                                                                                                                                                                | Nil                                                                                                                                                                                                                                                          |
|      |                                                                                                                                                                                                                                                                                                                                                               |                            | (ii) Israel<br>(iii) Kenya<br>(iv) South Africa<br>(v) USA      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from ornithogalum mosaic potyvirus.                                                                                                                                                                                                                         | Nil                                                                                                                                                                                                                                                          |
|      |                                                                                                                                                                                                                                                                                                                                                               |                            | (vi) Any country except Japan, Israel, Kenya, South Africa, USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                 | Nil                                                                                                                                                                                                                                                          |
| 487. | <i>Oryza sativa</i> (Rice)                                                                                                                                                                                                                                                                                                                                    | (i) Grains for consumption | Any Country                                                     | Free from Granary weevil ( <i>Sitophilus granarius</i> )                                                                                                                                                                                                                                                                                                         | Fumigation with Methyl bromide @ 32 g/cu. m at 21°C and above for 24 hrs under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose. |

|      |                                                                                                        |                                            |                                                                  |                                                                                                                                                                                 |                                                                                                                                                                                                  |
|------|--------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                                                        | (ii) Fortified rice kernel for consumption | China                                                            | Free from:<br>(a) <i>Trogoderma variabile</i> (grain dermestid)<br>(b) <i>Typhaea stercorea</i> (hairy fungus beetle)<br>(c) <i>Monographella nivalis</i> (foot rot of cereals) | Fumigation with Methyl bromide @ 32gram per cubic meter at 21°C and above for 24 hours under normal atmospheric temperature (NAP) and the treatment to be endorsed on phytosanitary certificate. |
| 488. | <i>Osteospermum</i> spp.                                                                               | Tissue cultured plants                     | Any Country                                                      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                | Nil                                                                                                                                                                                              |
| 489. | <i>Pachira insignis</i>                                                                                | Plants for propagation                     | Australia, Thailand                                              | Nil                                                                                                                                                                             | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation          |
|      |                                                                                                        |                                            | USA                                                              | Free from <i>Steirastoma breve</i> (Cacao beetle)                                                                                                                               |                                                                                                                                                                                                  |
| 490. | <i>Paeonia suffruticosa</i> (Peonia)                                                                   | Plants/ cuttings for propagation           | Netherlands                                                      | Nil                                                                                                                                                                             | (i) Freedom from soil.<br>(ii) Post entry quarantine for a growing period of 6-9 months.                                                                                                         |
| 491. | <i>Panax quinquefolius</i> (Ginseng)                                                                   | Seeds for sowing                           | USA                                                              | Free from <i>Nectria radicola</i> (black root)                                                                                                                                  | Freedom from quarantine weeds seeds.                                                                                                                                                             |
| 492. | <i>Pandanus</i> spp. (Pandanus)                                                                        | Vegetable (leaves) for consumption         | Thailand                                                         | Nil                                                                                                                                                                             | Nil                                                                                                                                                                                              |
| 493. | <i>Panicum</i> spp.                                                                                    | Germplasm material for research only       | (i) Brazil<br>(ii) China<br>(iii) Kenya<br>(iv) Nepal<br>(v) USA | Nil                                                                                                                                                                             | Freedom from soil and quarantine weed seeds                                                                                                                                                      |
| 494. | <i>Panicum antidotale</i> (Elbow grass)/ <i>Panicum maximum</i> var. <i>trichoglume</i> (Guinea grass) | Seeds for sowing                           | Kenya                                                            | Free from <i>Sugarcane chlorotic streak virus</i>                                                                                                                               | (i) Freedom from soil and quarantine weed seeds<br>(ii) Crop inspection and certification for freedom from <i>Sugarcane chlorotic streak virus</i>                                               |
| 495. | <i>Panicum sumatrense</i> (Little millet)                                                              | Seeds for sowing                           | Nepal                                                            | Nil                                                                                                                                                                             | Freedom from quarantine weed seeds                                                                                                                                                               |
| 496. | <i>Papaver</i> spp. (Ornamental Poppy)                                                                 | Seeds for sowing                           | (i) USA                                                          | Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato)                                                                                                      | Free from quarantine weed seeds.                                                                                                                                                                 |

|      |                                                                               |                                      |                                                                                                                                      |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                               |
|------|-------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                               |                                      | (ii) France<br>(iii) U.K<br>(iv) The Netherlands<br>(v) Spain<br>(vi) Germany                                                        | Nil                                                                                                                                                                                                                                                                               | Free from quarantine weed seeds.                                                                                                                                              |
|      |                                                                               |                                      | (vii) Italy                                                                                                                          | Free from<br><i>Artichoke</i> Italian latent virus                                                                                                                                                                                                                                | Freedom from quarantine weed seeds                                                                                                                                            |
| 497. | <i>Papaver somniferum</i><br>(Opium poppy)                                    | Germplasm material for research only | (i) Afghanistan<br>(ii) Australia<br>(iii) Austria<br>(iv) Finland<br>(v) Germany<br>(vi) Hungary<br>(vii) Bulgaria<br>(viii) Turkey | Nil                                                                                                                                                                                                                                                                               | Freedom from soil and quarantine weed seeds                                                                                                                                   |
| 498. | <i>Paspalum commersonii</i> /<br><i>Paspalum notatum</i>                      | Seeds for sowing                     | Kenya                                                                                                                                | Nil                                                                                                                                                                                                                                                                               | Freedom from quarantine weed seeds                                                                                                                                            |
| 499. | <i>Paspalum scrobiculatum</i> ,<br><i>P. dilatatum</i> / <i>Paspalum spp.</i> | Germplasm material for research only | (i) China<br>(ii) Nepal<br>(iii) USA                                                                                                 | Nil                                                                                                                                                                                                                                                                               | Freedom from quarantine weed seeds                                                                                                                                            |
|      |                                                                               | Seeds for sowing                     | USA                                                                                                                                  | Nil                                                                                                                                                                                                                                                                               | Freedom from quarantine weed seeds                                                                                                                                            |
| 500. | <i>Passiflora edulis</i> (Passion fruit)                                      | (i) Cuttings/ plants for propagation | (i) Australia                                                                                                                        | Free from:<br>(a) <i>Pantomorus cervinus</i> (rose beetle)<br>(b) <i>Fusarium oxysporum f.sp. passiflorae</i><br>(c) <i>Pseudomonas passiflora</i><br>(d) <i>Pseudomonas viridiflava</i><br>(e) <i>Passion fruit woodiness virus</i>                                              | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
|      |                                                                               |                                      | (ii) Brazil                                                                                                                          | Free from:<br><i>Dione juno</i><br><i>Eueides isabella</i> (isabella tiger)<br><i>Pantomorus cervinus</i><br><i>Selenaspidus articulatus</i> (red scale)<br><i>Fusarium oxysporum f.sp. passiflorae</i><br><i>Pseudomonas viridiflava</i><br><i>Passion fruit woodiness virus</i> |                                                                                                                                                                               |
|      |                                                                               |                                      | (iii) South Africa                                                                                                                   | Free from:<br><i>Pantomorus cervinus</i><br><i>Fusarium oxysporum f.sp. passiflorae</i><br>(i) <i>Pseudomonas passiflora</i>                                                                                                                                                      |                                                                                                                                                                               |

|      |                                          |                                                     |                                                                                                         |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                   |
|------|------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                          | (ii) Leaves for consumption                         | Germany, Netherland, Belgium                                                                            | Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato (USA)                                                                                                                                                                        | Freedom from soil and other plant debris                                                                                                                                                          |
|      |                                          |                                                     | France                                                                                                  | Free from:-<br>(i) <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato (USA)<br>(ii) <i>Pantomorus cervinus</i> (Fullar's rose beetle)                                                                                                     |                                                                                                                                                                                                   |
|      |                                          | (iii) Scion/ Budwood/ Rooted plants for propagation | (i) Philippines<br>(ii) Sri Lanka<br>(iii) Thailand<br>(iv) Indonesia<br>(v) Malaysia<br>(vi) Mauritius | Nil                                                                                                                                                                                                                                                    | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research. |
|      |                                          |                                                     | (vii) New Zealand                                                                                       | Free from:<br>(a) <i>Pantomorus cervinue</i><br>(b) <i>Pseudomonas passiflora</i><br>(c) <i>Pseudomonas viridiflava</i><br>(d) <i>Passion fruit woodiness virus</i>                                                                                    |                                                                                                                                                                                                   |
|      |                                          |                                                     | (viii) USA                                                                                              | Free from:<br>(a) <i>Agraulis vanillae</i><br>(b) <i>Pantomorus cervinus</i><br>(c) <i>Selenaspidus articulatus</i><br>(d) <i>Fusarium oxysporum</i> f.sp. <i>passiflorae</i> (base rot disease of passionfruit)<br>(e) <i>Pseudomonas viridiflava</i> |                                                                                                                                                                                                   |
|      |                                          | (iv) Seeds for sowing                               | (i) Australia                                                                                           | Free from:<br>(a) <i>Fusarium oxysporum</i> f.sp. <i>passiflorae</i> (base rot disease of passionfruit)<br>(b) <i>Pseudomonas passiflora</i><br>(c) <i>Pseudomonas viridiflava</i>                                                                     | Freedom from quarantine weed seeds                                                                                                                                                                |
|      |                                          |                                                     | (ii) Brazil                                                                                             | Free from:<br>(a) <i>Fusarium oxysporum</i> f.sp. <i>passiflorae</i><br>(b) <i>Pseudomonas viridiflava</i>                                                                                                                                             | Freedom from quarantine weed seeds                                                                                                                                                                |
|      |                                          |                                                     | (iii) South Africa                                                                                      | Free from:<br>(a) <i>Fusarium oxysporum</i> f.sp. <i>passiflorae</i><br>(b) <i>Pseudomonas passiflora</i><br>(grease spot of passion fruit)                                                                                                            | Freedom from quarantine weed seeds                                                                                                                                                                |
|      |                                          | (v) Dried flowers for medicinal use                 | Any country                                                                                             | Nil                                                                                                                                                                                                                                                    | Free from quarantine weeds seeds                                                                                                                                                                  |
|      |                                          |                                                     |                                                                                                         |                                                                                                                                                                                                                                                        |                                                                                                                                                                                                   |
| 501. | <i>Passiflora foetida</i> (Stone Flower) | Dried flowers for medicinal use                     | Any country                                                                                             | Nil                                                                                                                                                                                                                                                    | Free from quarantine weeds seeds                                                                                                                                                                  |

|      |                                       |                                                           |                                                        |                                                                                                                                                                                                           |                                                                                                                                     |
|------|---------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 502. | <i>Paulownia kawakamii</i>            | Tissue culture plants                                     | USA, Netherlands                                       | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                       | Nil                                                                                                                                 |
| 503. | <i>Peganum harmala</i>                | Dried seeds for consumption                               | Pakistan                                               | Nil                                                                                                                                                                                                       | Free from quarantine weed seeds and soil contamination.                                                                             |
| 504. | <i>Pelargonium</i> spp. (Pelargonium) | (i) Seeds/ Cuttings/ Saplings for planting or propagation | Any Country                                            | Free from:<br>(a) Bacterial spot ( <i>Xanthomonas campestris</i> pv. <i>pellargonii</i> )<br>(b) Pelargonium viruses viz. flower break virus, leaf curl virus, vein clearing virus and zonate spot virus. | (i) Free from quarantine weed seeds.<br>(ii) Post-entry quarantine for a period of 45-60 days.                                      |
|      |                                       | Seeds for sowing                                          | Australia                                              | Free from tomato ring spot virus                                                                                                                                                                          | (i) Freedom from soil and quarantine weed seeds.<br>(ii) Crop inspection and certification for freedom from tomato ring spot virus. |
|      |                                       | (ii) Tissue cultured plants                               | (i) UK                                                 | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Pelargonium flower break virus<br>(b) Pelargonium line pattern virus                   | Nil                                                                                                                                 |
|      |                                       |                                                           | (ii) Italy                                             | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Pelargonium vein clearing virus<br>(b) Pelargonium zonate spot virus                   | Nil                                                                                                                                 |
|      |                                       |                                                           | (iii) Germany                                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pelargonium leaf curl virus                                                                     | Nil                                                                                                                                 |
|      |                                       |                                                           | (iv) Europe, USA                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pelargonium ringspot virus                                                                      | Nil                                                                                                                                 |
|      |                                       |                                                           | (v) Any country except UK, Italy, Germany, Europe, USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                           | Nil                                                                                                                                 |
| 505. | <i>Penicicum vergatum</i>             | Tissue culture plants                                     | USA                                                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                           | Post-entry quarantine for a period of 45 days.                                                                                      |



|      |                                                                                                                              |                                      |               |                                                                                         |                                                                                                                                                                                                                                                                                               |
|------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 506. | <i>Pennisetum americanum</i> /<br><i>Pennisetum glaucum</i> (Pearl millet)                                                   | Seeds for sowing                     | Nepal         | Nil                                                                                     | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                            |
| 507. | (i) <i>Pennisetum clandestinum</i> /<br><i>Pennisetum purpureum</i> /<br><i>Pennisetum</i> spp.<br><i>Pennisetum</i> hybrids | (i) Seeds for sowing                 | Kenya         | Nil                                                                                     | (i) Freedom from soil<br>(ii) Crop inspection and certification for freedom from viruses                                                                                                                                                                                                      |
|      | (ii) <i>Pennisetum purpureum</i>                                                                                             | (i) Plants/ cuttings for propagation | (i) China     | Free from <i>Sugarcane chlorotic streak virus</i> (sugarcane chlorotic streak disease). | (i) Commercial import subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Free from soil.<br>(iii) Post entry quarantine for a growing period of 6 months                                                                                                         |
| 508. | <i>Pennisetum glaucum</i> (Pearl millet)                                                                                     | Seeds for sowing                     | (i) Niger     | Nil                                                                                     | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.                                                                                                                                                     |
|      |                                                                                                                              |                                      | (ii) China    |                                                                                         |                                                                                                                                                                                                                                                                                               |
|      |                                                                                                                              |                                      | (iii) Nigeria | Free from <i>Aphelenchoides arachidis</i> (groundnut testa nematode)                    |                                                                                                                                                                                                                                                                                               |
|      |                                                                                                                              |                                      | (iv) USA      | Free from <i>Wheat streak mosaic virus</i>                                              | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation ,<br>(iii) Post-entry quarantine growing for 2-3 months,<br>(iv) Crop inspection and certification for freedom from <i>Wheat streak mosaic virus</i> |

|      |                                     |                            |                                                     |                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                          |
|------|-------------------------------------|----------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                     |                            | (v) Australia                                       | Free from:<br>(a) Johnsongrass mosaic virus<br>(b) Wheat streak mosaic virus (wheat virus 6 & 7)                                                                                                                                                                        | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation ,<br>(iii) Post-entry quarantine growing for 2-3 months,<br>(iv) Crop inspection and certification for freedom from Johnsongrass mosaic virus and Wheat streak mosaic virus (wheat virus 6 & 7) |
| 509. | <i>Penstemon</i> spp. (Pentas)      | Seeds for sowing           | Europe                                              | Nil                                                                                                                                                                                                                                                                     | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                         |
| 510. | <i>Pepromia</i> spp.                | Tissue cultured plants     | Any Country                                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                         | Nil                                                                                                                                                                                                                                                                                                                                      |
| 511. | <i>Perilla frutescens</i> (Perilla) | Seeds for sowing           | (i) Japan<br>(ii) Korea<br>(iii) Turkey<br>(iv) USA | Nil                                                                                                                                                                                                                                                                     | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                                       |
| 512. | <i>Persea americana</i> (Avocado)   | (i) Plants for propagation | (i) Israel                                          | Free from:<br>(a) <i>Parabemisia myricae</i> (bayberry whitefly)<br>(b) <i>Peridroma saucia</i> (pearly underwing moth)<br>(c) <i>Protopulvinaria pyriformis</i> (pyriform scale)<br>(d) <i>Spodoptera littoralis</i> (cotton leafworm)<br>(e) Avocado sunblotch viroid | (i) Imports subject to prior approval of the Department of Agriculture and Cooperation.<br>(ii) Post entry quarantine for a period of one year.<br>(iii) Freedom from soil.                                                                                                                                                              |

|  |  |                                                         |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                              |
|--|--|---------------------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                                                         | (ii) South Africa               | Free from:<br>(a) <i>Cacoecimorpha pronubana</i> (carnation tortrix)<br>(b) <i>Ceroplastes destructor</i> (white wax scale)<br>(c) <i>Pantomorus cervinus</i> (Fuller's rose beetle)<br>(d) <i>Protopulvinaria pyriformis</i> (pyriform scale)<br>(e) <i>Pseudotheraptus wayi</i> (coconut bug)<br>(f) <i>Spodoptera littoralis</i> (cotton leafworm)<br>(g) <i>Xyleborus ferrugineus</i><br>(h) <i>Cercospora purpurea</i> (spot blotch)<br>(i) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(j) <i>Sphaceloma perseae</i> (avocado scab)<br>(k) <i>Rhizobium rhizogenes</i><br>(l) Avocado sunblotch viroid | (i) Imports subject to prior approval of the Department of Agriculture and Cooperation.<br>(ii) Post entry quarantine for a period of one year.<br>(iii) Freedom from soil.  |
|  |  | (ii) Tissue cultured plants                             | (i) Israel<br>(ii) South Africa | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from avocado sun blotch viroid.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Imports subject to prior approval of Department of Agriculture and Cooperation.                                                                                              |
|  |  | (iii) Cuttings/ budwoods/ rooted plants for propagation | (i) Indonesia                   | Free from <i>Rhizobium rhizogenes</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post-entry quarantine growing for 6-9 month |
|  |  |                                                         | (ii) Malaysia                   | Free from<br>(a) <i>Xyleborus ferrugineus</i><br>(b) <i>Rhizobium rhizogenes</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                              |
|  |  |                                                         | (iii) Mauritius                 | Free from <i>Spodoptera littoralis</i> (cotton leafworm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                              |

|  |  |  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                              |
|--|--|--|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (iv) Mexico      | Free from:<br>(a) <i>Aleurodicus cocois</i> (whitefly)<br>(b) <i>Aleurodicus pulvinatus</i> (whitefly)<br>(c) <i>Atta</i> spp. (ants)<br>(d) <i>Caulophilus oryzae</i><br>(e) <i>Conotrachelus perseae</i><br>(f) <i>Heilipus lauri</i> (avocado seed weevil)<br>(g) <i>Pantomorus cervinus</i> (rose beetle)<br>(h) <i>Paracoccus marginatus</i><br>(i) <i>Peridroma saucia</i> (pearly moth)<br>(j) <i>Platynota stultana</i> (leaf roller)<br>(k) <i>Rhynchophorus palmarum</i><br>(l) <i>Scirtothrips perseae</i> (thrips)<br>(m) <i>Selenaspidus articulatus</i> (red scale)<br>(n) <i>Spodoptera eridania</i><br>(o) <i>Stenoma catenifer</i> (moth)<br>(p) <i>Trialeurodes vaporariorum</i><br>(q) <i>Rosellinia pepo</i> (black root rot)<br>(r) <i>Sphaceloma perseae</i> (scab)<br>(s) <i>Xyleborus ferrugineus</i> |                                                                                                                                                                              |
|  |  |  | (v) New Zealand  | Free from:<br>(a) <i>Ceroplastes destructor</i> (wax scale)<br>(b) <i>Epiphyas postvittana</i> (apple moth)<br>(c) <i>Pantomorus cervinus</i> (rose beetle)<br>(d) <i>Phytophthora cryptogea</i> (foot rot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post-entry quarantine growing for 6-9 month |
|  |  |  | (vi) Philippines | Free from:<br>(a) <i>Nipponoclea</i> spp.<br>(b) <i>Suana concolor</i><br>(c) <i>Sphaceloma perseae</i> (scab)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                              |
|  |  |  | (vii) Sri Lanka  | Free from <i>Peridroma saucia</i> (pearly underwing moth)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                              |
|  |  |  | (viii) Thailand  | Free from<br>(a) <i>Ceroplastes japonicus</i> (wax scale)<br>(b) <i>Oligonychus mangiferus</i> (mango red spider mite)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                              |

|  |  |                                             |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                               |
|--|--|---------------------------------------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                                             | (ix) USA      | Free from:<br>(a) <i>Amorbia cuneana</i><br>(b) <i>Atta</i> sp.<br>(c) <i>Avocado sunblotch viroid</i><br>(d) <i>Cacoecimorpha pronubana</i> (carnation tortrix)<br>(e) <i>Caulophilus oryzae</i><br>(f) <i>Chrysodeixis includens</i><br>(g) <i>Diaprepes abbreviatus</i><br>(h) <i>Epiphyas postvittana</i> (apple moth)<br>(i) <i>Melanaspis obscura</i> (obscure, scale)<br>(j) <i>Oligonychus peruvianus</i><br>(k) <i>Oligonychus punicae</i><br>(l) <i>Pantomorus cervinus</i> (rose beetle)<br>(m) <i>Parabemisia myricae</i><br>(n) <i>Paracoccus marginatus</i><br>(o) <i>Peridroma saucia</i> (underwing moth)<br>(p) <i>Phytophthora citricola</i> (root rot)<br>(q) <i>Phytophthora cryptogea</i> (foot rot)<br>(r) <i>Platynota stultana</i> (leaf roller)<br>(s) <i>Protaetia fusca</i><br>(t) <i>Rhizobium rhizogenes</i><br>(u) <i>Sabulodes aegrotata</i> (looper)<br>(v) <i>Scirtothrips perseae</i><br>(w) <i>Selenaspidus articulatus</i> (red scale)<br>(x) <i>Sphaceloma perseae</i> (avocado scab)<br>(y) <i>Spodoptera eridania</i> (armyworm)<br>(z) <i>Xyleborus ferrugineus</i><br>(v) <i>Xyleborus immaturus</i> (bark beetle) | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post-entry quarantine growing for 6-9 month  |
|  |  | (iv) Cuttings/<br>Plants for<br>propagation | (i) Australia | Free from:<br>(a) <i>Ceroplastes destructor</i><br>(b) <i>Chrysodeixis includens</i><br>(c) <i>Epiphyas postvittana</i> (apple moth)<br>(d) <i>Monolepta australis</i> (leaf beetle)<br>(e) <i>Pantomorus cervinus</i> (rose beetle)<br>(f) <i>Phytophthora cryptogea</i><br><i>Rhizobium rhizogenes</i> (gall)<br>(g) <i>Avocado sunblotch viroid</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |

|  |  |  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                               |
|--|--|--|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (ii) Chile     | Free from:<br>(a) <i>Chrysodeixis includens</i><br>(b) <i>Pantomorus cervinus</i><br>(c) <i>Peridroma saucia</i><br>(d) <i>Spodoptera eridania</i><br>(e) <i>Trialeurodes vaporariorum</i><br>(f) <i>Phytophthora cryptogea</i>                                                                                                                                                                                                                                                                       | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
|  |  |  | (iii) Columbia | Free from:<br>(a) <i>Aleurodicus pulvinatus</i><br>(b) <i>Atta</i> (leaf cutter ant)<br>(c) <i>Chrysodeixis includens</i><br>(d) <i>Heilipus lauri</i><br>(e) <i>Peridroma saucia</i><br>(f) <i>Rhynchophorus palmarum</i><br>(g) <i>Selenaspidus articulatus</i><br>(h) <i>Stenoma catenifer</i> (avocado moth)<br>(i) <i>Trialeurodes vaporariorum</i> (greenhouse whitefly)<br>(j) <i>Oligonychus peruvianus</i><br>(k) <i>Rosellinia pepo</i> (black root rot)<br>(l) <i>Rhizobium rhizogenes</i> | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
|  |  |  | (iv) Guatemala | Free from:<br>(a) <i>Atta</i> (leaf cutter ant)<br>(b) <i>Caulophilus oryzae</i> (grain weevil)<br>(c) <i>Conotrachelus perseae</i><br>(d) <i>Heilipus lauri</i> (avocado weevil)<br>(e) <i>Paracoccus marginatus</i><br>(f) <i>Peridroma saucia</i> (pearly moth)<br>(g) <i>Rhynchophorus palmarum</i><br>(h) <i>Scirtothrips perseae</i><br>(i) <i>Stenoma catenifer</i> (avocado moth)<br>(j) <i>Xyleborus ferrugineus</i><br>(k) <i>Oligonychus peruvianus</i><br>(l) <i>Sphaceloma perseae</i>   | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
|  |  |  | (v) Israel     | Free from:<br>(a) <i>Parabemisia myricae</i> (bayberry whitefly)<br>(b) <i>Peridroma saucia</i><br>(c) <i>Protopulvinaria pyriformis</i> (pyriform scale)<br>(d) <i>Spodoptera littoralis</i><br>(e) <i>Avocado sunblotch viroid</i>                                                                                                                                                                                                                                                                  | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation |

|  |  |                                  |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                       |
|--|--|----------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                                  | (vi) South Africa          | Free from:<br>(a) <i>Cacoecimorpha pronubana</i> (carnation tortrix)<br>(b) <i>Ceroplastes destructor</i><br>(c) <i>Pantomorus cervinus</i><br>(d) <i>Protopulvinaria pyriiformis</i><br>(e) <i>Pseudotheraptus wayi</i><br>(f) <i>Spodoptera littoralis</i><br>(g) <i>Xyleborus ferrugineus</i><br>(h) <i>Phytophthora cryptogea</i><br>(i) <i>Sphaceloma perseae</i><br>(j) <i>Rhizobium rhizogenes</i> (gall)<br>(12) <i>Avocado sunblotch viroid</i> | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                         |
|  |  |                                  | (vii) Spain                | (a) <i>Cacoecimorpha pronubana</i><br>(b) <i>Pantomorus cervinus</i><br>(c) <i>Parabemisia myricae</i><br>(d) <i>Peridroma saucia</i><br>(e) <i>Spodoptera littoralis</i><br>(f) <i>Trialeurodes vaporariorum</i> <i>Phytophthora cryptogea</i><br>(g) <i>Avocado sunblotch viroid</i> (avocado sun blotch)                                                                                                                                              | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                         |
|  |  |                                  | (viii) Caribbean Countries | Free from <i>Lagocheirus araneiformis</i>                                                                                                                                                                                                                                                                                                                                                                                                                | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                         |
|  |  | (v) Fresh fruits for consumption | (i) Chile                  | Free from:<br>(a) <i>Chrysodeixis includes</i> (Soybean looper)<br>(b) <i>Naupactus xanthographus</i> (South American fruit tree weevil)<br>(c) <i>Peridroma saucia</i> (pearly underwing moth)<br>(d) <i>Spodoptera eridania</i> (southern armyworm)<br>(e) <i>Phytophthora cryptogea</i> (tomato foot rot)                                                                                                                                             | (a) Fumigation with MBr @ 32 g/cu. m for 2 hrs @ 21°C and above or any other treatment duly approved by the Plant Protection Adviser to the Govt. of India. The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/ re-export. |

|      |                                          |                      |                                |                                                                                                                                                                                                                                    |                                                                                                                                                                                                     |
|------|------------------------------------------|----------------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                          |                      | (ii) Peru                      | Free from:<br><i>Stenoma catenifer</i> (avocado moth)                                                                                                                                                                              | Pest free status for <i>Stenoma catenifer</i> (avocado moth) as per international standards or<br>MB fumigation @ 32g/cubic metre for 3 ½ hrs at 21°C or above under NAP or equivalent thereof.     |
|      |                                          |                      | (iii) New Zealand              | Free from:<br>(a) <i>Linepithema humile</i> (Argentine ant)<br>(b) <i>Phytophthora cryptogea</i> (tomato foot rot)                                                                                                                 | --                                                                                                                                                                                                  |
| 513. | <i>Petroselinum crispum</i><br>(Parsley) | (i) Seeds for sowing | (i) Denmark                    | Free from:<br><i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                  | (i) Free from soil contamination<br>(ii) Free from quarantine weed seeds                                                                                                                            |
|      |                                          |                      | (ii) Italy                     | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Pleosporum herbarum</i> (leaf blight of onion)<br>(c) <i>Pseudomonas viridiflava</i><br>(d) Celery mosaic virus<br>(e) Chicory yellow mosaic virus | (i) Free from soil contamination<br>(ii) Free from quarantine weed seeds<br>(ii) Seed crop inspection and certification for free from (d) and (e) by a competent authority at the country of origin |
|      |                                          |                      | (iii) Japan                    | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Pseudomonas viridiflava</i><br>(c) Celery mosaic virus                                                                                             | (i) Free from soil contamination<br>(ii) Free from quarantine weed seeds<br>(iii) Seed crop inspection and certification for free from (c) by a competent authority at the country of origin        |
|      |                                          |                      | (iv) Netherlands<br>(v) France | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Pseudomonas viridiflava</i>                                                                                                                        | (i) Free from soil contamination<br>(ii) Free from quarantine weed seeds.                                                                                                                           |
|      |                                          |                      | (vi) USA                       | (a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Pleosporum herbarum</i> (leaf blight of onion)<br>(c) <i>Pseudomonas viridiflava</i><br>(d) Celery mosaic virus                                                  | (i) Free from soil contamination<br>(ii) Free from quarantine weed seeds.<br>(iii) Seed crop inspection and certification for Free from (d) by a competent authority at the country of origin       |



|      |                     |                                   |                |                                                                                                                                                                                                                              |                                                                                                                                                                              |
|------|---------------------|-----------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                     |                                   | (vii) U.K.     | Free from:<br>(a) <i>Ditylenchus dipsaci</i><br>(b) <i>Celery mosaic virus</i><br>(c) <i>Pseudomonas viridiflava</i>                                                                                                         | (i) Freedom from soil and quarantine weeds seeds<br>(ii) Seed Crop inspection and certification for free from (b) by a Competent Authority at the country of origin.         |
|      |                     |                                   | (viii) Germany | Free from:<br>(a) <i>Ditylenchus dipsaci</i><br>(b) <i>Pleospora herbarum</i> (Leaf blight of onion)<br>(c) <i>Celery mosaic virus</i><br>(d) <i>Pseudomonas viridiflava</i><br>(e) Chicory mosaic virus                     | (i) Freedom from soil and quarantine weeds seeds<br>(ii) Seed Crop inspection and certification for free from (c) and (e) by a Competent Authority at the country of origin. |
|      |                     |                                   | (ix) Spain     | Free from:<br>(a) <i>Ditylenchus dipsaci</i><br>(b) <i>Pseudomonas viridiflava</i>                                                                                                                                           | Freedom from quarantine weeds seeds                                                                                                                                          |
|      |                     |                                   | (x) Israel     | Free from <i>Ditylenchus dipsaci</i> (Stem and bulb nematode)                                                                                                                                                                | Freedom from quarantine weeds seeds                                                                                                                                          |
|      |                     | (ii) Fresh leaves for consumption | Europe         | Free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                | Nil                                                                                                                                                                          |
| 514. | <i>Petunia</i> spp. | (i) Tissue cultured plants        | (i) Hungary    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tobacco mosaic virus<br>(b) Tomato mosaic virus<br>(c) Potato virus Y<br>(d) Potato X virus               | Nil                                                                                                                                                                          |
|      |                     |                                   | (ii) UK        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tobacco mosaic virus<br>(b) Potato virus Y<br>(c) Arabis mosaic virus<br>(d) Tomato black ring nepo virus | Nil                                                                                                                                                                          |

|  |  |  |                    |                                                                                                                                                                                                                                                                                                   |     |
|--|--|--|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|  |  |  | (iii) Netherlands  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tobacco mosaic virus<br>(b) Tomato mosaic virus<br>(c) Tomato black ring nepoviruses<br>(d) Potato virus Y<br>(e) Petunia vein clearing virus<br>(f) Broad bean wilt fabavirus | Nil |
|  |  |  | (iv) Germany       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Petunia asteroid mosaic virus<br>(b) Petunia flower mottle potyvirus<br>(c) Datura Colombian potyvirus<br>(d) Petunia vein clearing virus                                      | Nil |
|  |  |  | (v) Italy          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Petunia asteroid mosaic virus<br>(b) Artichoke latent virus                                                                                                                    | Nil |
|  |  |  | (vi) Poland        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco mosaic virus                                                                                                                                                                    | Nil |
|  |  |  | (vii) France       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tobacco mosaic virus<br>(b) Potato virus Y                                                                                                                                     | Nil |
|  |  |  | (viii) Switzerland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from petunia vein clearing virus                                                                                                                                                             | Nil |
|  |  |  | (ix) USA           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Petunia vein clearing virus<br>(b) Petunia asteroid mosaic virus<br>(c) Tomato infectious chlorosis closterovirus                                                              | Nil |

|  |  |  |                                   |                                                                                                                                                                                                       |     |
|--|--|--|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|  |  |  | (x) Israel                        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tobacco mosaic virus<br>(b) Tomato mosaic virus<br>(c) Petunia vein clearing virus | Nil |
|  |  |  | (xi) Brazil                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Tobacco mosaic virus<br>(b) Petunia vein clearing virus                            | Nil |
|  |  |  | (xii) Japan<br>(xiii) Egypt       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco mosaic virus                                                                        | Nil |
|  |  |  | (xiv) Korea ROK<br>(xv) Korea DPR | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from petunia asteroid mosaic virus                                                               | Nil |
|  |  |  | (xvi) Slovenia                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from potato virus Y.                                                                             | Nil |
|  |  |  | (xvii) Czech Republic             | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :<br>(a) Arabis mosaic virus<br>(b) Turnip mosaic potyvirus                                 | Nil |
|  |  |  | (xviii) China                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from turnip mosaic potyvirus                                                                     | Nil |
|  |  |  | (xix) Canada                      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus                                                                   | Nil |

|      |                                                             |                                                            |                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                         |
|------|-------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
|      |                                                             |                                                            | (xx) Any country except Canada, China, Czech Republic, Slovenia, Japan, Egypt, Korea ROK, Korea DPR, Poland, Italy, UK, Netherlands, Switzerland, Hungary, Germany, France, USA, Brazil, Israel | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                                               | Nil                                                                                                                     |
|      |                                                             | (ii) Seeds for sowing                                      | (i) Europe<br>(ii) South Africa<br>(iii) Canada<br>(iv) Australia<br>(v) New Zealand<br>(vi) Kazakhstan<br>(vii) Turkey                                                                         | Free from Arabis mosaic nepho virus                                                                                                                                                                                                                                                                                                                                                            | (i)Free from quarantine weed seeds.<br>(ii)Crop inspection and certification for Free from arabis mosaic nepho virus.   |
|      |                                                             |                                                            | (viii) South America                                                                                                                                                                            | Free from Andean Potato Virus (stain)                                                                                                                                                                                                                                                                                                                                                          | (i) Free from quarantine weed seeds.<br>(ii)Crop inspection and certification for Free from Andean Potato Virus (stain) |
|      |                                                             |                                                            | (ix) USA<br>(x) Japan                                                                                                                                                                           | Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato)                                                                                                                                                                                                                                                                                                                     | Free from quarantine weed seeds.                                                                                        |
|      |                                                             |                                                            | (xi) Guatemala                                                                                                                                                                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                            | Freedom from quarantine weed seeds                                                                                      |
| 515. | <i>Petunia axillaris</i> , <i>P. Integrifolia</i> (Petunia) | Cuttings/ planting material/ rooted plants for propagation | (i) Germany                                                                                                                                                                                     | Free from:<br>(a) <i>Peridroma saucia</i> (pearly moth)<br>(b) <i>Phytonemus pallidus</i> (mite)<br>(c) <i>Erwinia chrysanthemi</i> pv. <i>dieffenbachiae</i> (stem rot)<br>(d) <i>Pseudomonas viridiflava</i><br>(e) <i>Phytophthora cryptogea</i> (foot rot)<br>(f) <i>Petunia asteroid mosaic virus</i><br>(g) <i>Petunia flower mottle virus</i><br>(h) <i>Petunia vein clearing virus</i> | (i) Freedom from soil<br>(ii) Post-entry quarantine growing for one growth season.                                      |

|      |                                            |                                 |                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                           |
|------|--------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                            |                                 | (ii) The Netherlands                                                                             | Free from:<br>(a) <i>Peridroma saucia</i> (pearly moth)<br>(b) <i>Phytonemus pallidus</i> (mite)<br>(c) <i>Pseudomonas viridiflava</i><br>(d) <i>Phytophthora cryptogea</i> (foot rot)                                                                                                                                                                                                                                                  | (i) Freedom from soil<br>(ii) Post-entry quarantine growing for one growth season.                                                                                        |
|      |                                            |                                 | (iii) USA                                                                                        | Free from:<br>(a) <i>Anthonomus eugenii</i> (pepper weevil)<br>(b) <i>Exomala orientalis</i> (oriental beetle)<br>(c) <i>Heliothis virescens</i><br>(d) <i>Peridroma saucia</i> (pearly moth)<br>(e) <i>Phytonemus pallidus</i> (mite)<br>(f) <i>Erwinia chrysanthemi</i> pv. <i>dieffenbachiae</i> (stem rot)<br>(g) <i>Pseudomonas viridiflava</i><br>(h) <i>Phytophthora cryptogea</i> (foot rot)<br>(i) <i>Rhizobium rhizogenes</i> |                                                                                                                                                                           |
| 516. | <i>Philotheca myoporoides</i> (Wax flower) | Plants/cuttings for propagation | USA                                                                                              | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                     | (i) Post-entry quarantine for a period of 6 months.<br>(ii) Free from soil.                                                                                               |
| 517. | <i>Phlox</i> spp. (Phlox)                  | Seeds for sowing                | (i) Europe<br>(ii) USA<br>(iii) Japan<br>(iv) Australia                                          | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (Brown ring disease of hyacinth)<br>(b) Tobacco rattle virus (Spraing of potato).                                                                                                                                                                                                                                                                                                          | (i) Free from soil and quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from tobacco rattle virus.                                               |
|      |                                            |                                 | (ii) Europe                                                                                      | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                     | Freedom from soil and quarantine weed seeds.                                                                                                                              |
| 518. | <i>Phoenix</i> spp.                        | Seeds for sowing                | Any country (Except from African, American, Caribbean, Philippines and Solomon Island countries) | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                     | Free from quarantine weeds seeds and soil contamination.                                                                                                                  |
| 519. | <i>Phoenix dactylifera</i> (Date palm)     | (i) Suckers/Plants for planting | Any Country                                                                                      | Free from:<br>(a) Bayood ( <i>Fusarium oxysporum</i> f.sp. <i>albedinis</i> )<br>(b) Palm lethal yellowing (Phytoplasmas)<br>(c) Texas root rot ( <i>Phymatotrichum omnivorum</i> )<br>(d) American palm weevil ( <i>Rhyncophorus palmarum</i> )                                                                                                                                                                                        | (i) Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.<br>(ii) Post-entry quarantine for a period of one year. |

|      |                                             |                                                 |                                      |                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                              |
|------|---------------------------------------------|-------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                             | (ii) Tissue cultured plants for propagation     | Any Country                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                            | Nil                                                                                                                                                                                                                                                                                                                                          |
|      |                                             | (iii) Fresh/ dry fruits for consumption         | Any Country                          | Free from Palm kernel borer ( <i>Pachymerus lacerdae</i> )                                                                                                                                                                                                                                                                                  | Fumigation with Methyl bromide @ 16 g/cu m for 24 hrs at 21°C and above under NAP and the treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser.                                                                                                |
| 520. | <i>Phormium</i> spp.                        | (i) Tissue cultured plants                      | Any Country                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                            | Nil                                                                                                                                                                                                                                                                                                                                          |
|      |                                             | (ii) Plants for propagation                     | Australia                            | Nil                                                                                                                                                                                                                                                                                                                                         | Post entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                                                                                       |
| 521. | <i>Phyllostachys</i> spp. (Bamboo)          | (i) Seeds for sowing                            | (i) Thailand<br>(ii) China           | Nil                                                                                                                                                                                                                                                                                                                                         | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                             |
|      |                                             | (ii) Stem cuttings/ saplings for propagation    | China                                | Free from:<br>(a) Top blight ( <i>Ceratosphaeria phyllostachydis</i> )<br>(b) Clum base rot ( <i>Arthrinium</i> spp.)<br>(c) Witches broom ( <i>Phytoplasma</i> )<br>(d) Bamboo mosaic virus                                                                                                                                                | Post entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                                                                                       |
| 522. | <i>Physalis peruviana</i> (Cape gooseberry) | Cuttings/ grafts/ rooted plants for propagation | (i) Italy<br>(ii) Spain<br>(iii) USA | Free from <i>Aculops lycopersici</i> (tomato russet mite)                                                                                                                                                                                                                                                                                   | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.<br>(iii) Post entry quarantine growing for 6-9 month except for research.                                                                                                                                           |
| 523. | <i>Picea abies</i> (Spruce)                 | (i) Wood without bark                           | (i) North America                    | Free from:<br>(a) <i>Pityogenes bidentatus</i> (Two-toothed pine beetle)<br>(b) <i>Ips typographus</i> (Spruce bark beetle)<br>(c) <i>Dendroctonus micans</i> (European Spruce beetle)<br>(d) <i>Pissodes</i> spp. (Pine weevil)<br>(e) <i>Tomicus piniperda</i> (Beetle, pine)<br>(f) <i>Bursaphenches xylophilus</i> (Pine wood nematode) | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

|  |  |                             |                |                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                               |
|--|--|-----------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                             | (ii) China     | Free from :<br>(a) <i>Dendroctonus micans</i> (European Spruce beetle)<br>(b) <i>Ips typographus</i> (Spruce bark beetle)                                                                                                                                                                                     | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
|  |  | (ii) Wood with/without bark | (i) Africa     | Free from :<br>(a) <i>Hylobius abietis</i> (Fir-tree weevil)                                                                                                                                                                                                                                                  | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.                                                             |
|  |  |                             | (ii) Europe    | Free from:<br>(a) <i>Pityogenes bidentatus</i> (Two-toothed pine beetle)<br>(b) <i>Ips typographus</i> (Spruce bark beetle)<br>(c) <i>Dendroctonus micans</i> (European Spruce beetle)<br>(d) <i>Pissodes</i> spp. (Pine weevil)<br>(e) <i>Tomicus piniperda</i> (Beetle, pine)<br>(f) <i>Zeiraphera</i> spp. | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.                                                             |
|  |  |                             | (iii) Malaysia | Nil                                                                                                                                                                                                                                                                                                           | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.                                                              |

|      |                          |                   |                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                  |
|------|--------------------------|-------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 524. | <i>Picea engelmannii</i> | Wood without bark | Canada            | Free from:<br>(a) <i>Choristoneura fumiferana</i> (spruce budworm)<br>(b) <i>Choristoneura occidentalis</i> (western spruce budworm)<br>(c) <i>Dendroctonus ponderosae</i> (black hills beetle)<br>(d) <i>Dendroctonus rufipennis</i> (spruce beetle)<br>(e) <i>Dryocoetes confuses</i> (western balsam bark beetle)<br>(f) <i>Monochamus notatus</i> (northeastern sawyer)<br>(g) <i>Trypodendron lineatum</i> (striped ambrosia beetle)<br>(h) <i>Bursaphelenchus xylophilus</i> (pine wilt nematode)<br>(i) <i>Heterobasidion annosum</i><br>(j) <i>Heterobasidion parviporum</i> | Fumigation with Methyl bromide at 48g per cubic metre for 24 hrs at 21° C and above or equivalent thereof under NAP or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export  |
| 525. | <i>Picea glauca</i>      | Wood without bark | Canada            | Free from:<br>(a) <i>Choristoneura fumiferana</i> (spruce budworm)<br>(b) <i>Choristoneura occidentalis</i> (western spruce budworm)<br>(c) <i>Choristoneura pinus pinus</i> (jack-pine budworm)<br>(d) <i>Dendroctonus rufipennis</i> (spruce beetle)<br>(e) <i>Monochamus notatus</i> (northeastern sawyer)<br>(f) <i>Monochamus titillator</i> (southern pine sawyer)<br>(g) <i>Pissodes nemorensis</i> (northern pine weevil)<br>(h) <i>Heterobasidion parviporum</i>                                                                                                            | Fumigation with Methyl bromide at 48g per cubic metre for 24 hrs at 21° C and above or equivalent thereof under NAP or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export  |
| 526. | <i>Picea sitchensis</i>  | Wood without bark | (i) Canada        | Free from:<br>(a) <i>Dendroctonus rufipennis</i> (spruce beetle)<br>(b) <i>Operophtera brumata</i> (winter moth)<br>(c) <i>Sirex juvencus</i> (steel-blue woodwasp)<br>(d) <i>Trypodendron lineatum</i> (striped ambrosia beetle)<br>(e) <i>Bursaphelenchus xylophilus</i> (pine wilt nematode)<br>(f) <i>Heterobasidion annosum</i><br>(g) <i>Heterobasidion parviporum</i>                                                                                                                                                                                                         | Fumigation with Methyl bromide at 48g per cubic metre for 24 hrs at 21° C and above or equivalent thereof under NAP or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
|      |                          |                   | (iii) Ivory Coast | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (i) Fumigation with Methyl bromide at 48g per cubic metre for 24 hrs at 21° C and above or equivalent thereof under NAP or heat treatment at 56°C (core                                                                                                                                                                                                                          |



|      |                         |                                  |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                              |
|------|-------------------------|----------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                         |                                  |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.</p> <p>(ii) Free from quarantine weed seeds, soil and other plant debris.</p>                                                |
| 527. | <i>Picea mariana</i>    | Wood without bark                | Canada | <p>Free from:</p> <p>(a) <i>Chrysomyxa pirolata</i> (Inland spruce cone rust )</p> <p>(b) <i>Cydia strobilella</i> (Spruce seed moth )</p> <p>(c) <i>Dryocoetes affaber</i> (Spruce Bark beetle)</p> <p>(d) <i>Dryocoetes autographus</i> (Spruce Bark beetle )</p> <p>(e) <i>Hylobius congener</i> (Seedling debarking weevil)</p> <p>(f) <i>Ips perturbatus</i> (Northern spruce engraver )</p> <p>(g) <i>Polygraphus rufipennis</i> (Four-eyed Spruce Bark beetle )</p>                                                                                                                                                                | <p>Fumigation with Methyl bromide at 48g per cubic metre for 24 hrs at 21° C and above or equivalent thereof under NAP or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.</p> |
| 528. | <i>Picea rubens</i>     | Wood without bark                | Canada | <p>Free from:</p> <p>(a) <i>Arceuthobium pusillum</i> (Eastern dwarf mistletoe)</p> <p>(b) <i>Bursaphelenchus xylophilus</i> (Pine wilt nematode)</p> <p>(c) <i>Dendroctonus rufipennis</i> (Spruce beetle)</p> <p>(d) <i>Gremmeniella abietina</i> (Brunckhorstia disease)</p> <p>(e) <i>Heterobasidion annosum</i></p> <p>(f) <i>Ips pini</i> (Pine engraver)</p> <p>(g) <i>Lambdina fuscicollis</i> (Eastern hemlock looper)</p> <p>(h) <i>Monochamus marmorator</i> (Balsam fir sawyer)</p> <p>(i) <i>Sirococcus conigenus</i> (Sirococcus blight of conifers)</p> <p>(j) <i>Tetropium fuscum</i> (Brown spruce longhorn beetle )</p> | <p>Fumigation with Methyl bromide at 48g per cubic metre for 24 hrs at 21° C and above or equivalent thereof under NAP or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.</p> |
| 529. | <i>Pimenta racemosa</i> | Plants/ cuttings for propagation | Israel | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <p>(i) Free from soil.</p> <p>(ii) Commercial imports subject</p>                                                                                                                                                                                                                                                                                            |

|      |                                          |                                                    |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                            |
|------|------------------------------------------|----------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                          |                                                    |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.                                                                                                                                                                                                                                          |
| 530. | <i>Pinus taeda</i>                       | (i) Timber logs with/ without bark for consumption | (i) Australia           | Free from:<br>(a) <i>Sirex noctilio</i> (woodwasp)<br>(b) <i>Heterobasidion araucariae</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary certificate issued at the Country of Origin/re-export. |
|      |                                          |                                                    | (ii) USA                | Free from:<br>(a) <i>Ips calligraphus</i> (six-spined ips)<br>(b) <i>Monochamus carolinensis</i> (pine sawyer)<br>(c) <i>Pineus boerneri</i> (pine woolly aphid)<br>(d) <i>Pissodes nemorensis</i> (northern pine weevil)<br>(e) <i>Sirex noctilio</i> (woodwasp)<br>(f) <i>Bursaphelenchus xylophilus</i> (pine wilt nematode)<br>(g) <i>Atropellispiniphila</i> (twig blight of pine)<br>(h) <i>Gibberella circinata</i> (pitch canker)<br>(i) <i>Heterobasidion annosum</i><br>(j) <i>Leptographium procerum</i> (white pine root decline) | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| 531. | <i>Piratinera guianensis</i> (Snakewood) | Wood with and without bark                         | Central & South America | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fumigation with Methyl bromide at 48g per cubic metre for 24 hrs at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.                                                                  |

|      |                                      |                                                 |             |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                     |
|------|--------------------------------------|-------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 532. | <i>Pistacia vera</i> (Pistachio nut) | Cuttings/ grafts/ rooted plants for propagation | Iran        | Free from <i>Phytophthora cryptogea</i> (foot rot)                                                                                                                                                                                                                                                                                                 | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research.                                                   |
| 533. | <i>Pisum</i> spp. (Pea)              | (i) Seeds for sowing                            | Any Country | Free from:<br>(a) Pod and stem blight ( <i>Phomopsis logicolla</i> )<br>(b) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )<br>(c) Pea cyst nematode ( <i>Heterodera goettingiana</i> )<br>(d) Bruchids ( <i>Bruchidius</i> spp. <i>Specularis impressithorax</i> )<br>(e) Pea viruses viz. early-browning, enation mosaic and green mottle. | (i) Free from soil.<br>(ii) Free from quarantine weed seeds<br>(iii) Seed shall be appropriately treated with suitable fungicide and treatment shall be endorsed on the phytosanitary certificate.                                                  |
|      |                                      | (ii) Seeds for consumption or processing        | Any Country | Free from:<br>(a) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )<br>(b) Pea cyst nematode ( <i>Heterodera goettingiana</i> )<br>(c) Bruchids ( <i>Bruchidius</i> spp. <i>Specularis impressithorax</i> )                                                                                                                                    | Fumigation with Methyl bromide @ 32 g/cu. m at @ 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose. |
| 534. | <i>Pisum sativum</i> (Snow pea)      | Fresh vegetable for consumption                 | Thailand    | Nil                                                                                                                                                                                                                                                                                                                                                | Freedom from soil.                                                                                                                                                                                                                                  |

|      |                             |                                           |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------|-----------------------------|-------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 535. | <i>Pisum sativum</i> (peas) | Seeds (Frozen green peas) for consumption | China                                | Free from:<br>(a) <i>Adelphocoris lineolatus</i> (lucerne bug)<br>(b) <i>Halyomorpha halys</i> (brown marmorated stink bug)<br>(c) <i>Peridroma saucia</i> (pearly underwing moth)<br>(d) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(e) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato (USA))<br>(f) Broad bean wilt virus<br>(g) Lettuce mosaic virus<br>(h) Peanut stunt virus (peanut stunt) | (i) Free from quarantine weed seeds, soil and other plant debris.<br>(ii) Pest-free area status for <i>Ditylenchus dipsaci</i> (stem and bulb nematode) as per international standards or<br>(iii) Fumigation with Methyl bromide @ 48 g/cu.m for 24 hrs. at 21°C and above under NAP before processing & freezing and the treatment to be endorsed on phytosanitary certificate of by any other phytosanitary treatment in the manner approved by the Plant Protection Adviser for this purpose. |
|      |                             |                                           | (ii) Belgium<br>(iii) United Kingdom | Free from:<br>a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>b) <i>Rhodococcus fascians</i> (fasciation: leafy gall)<br>c) Pea early browning virus                                                                                                                                                                                                                                                                | i. The consignment should be free from contamination of soil, weed seeds and other plant debris.<br>ii. Pre-shipment freezing at -18 degree C or below for 7 days or above.<br>The treatment should be endorsed on phytosanitary certificate issued at the country of origin/re-export.                                                                                                                                                                                                           |
| 536. | <i>Plumeria rubra</i>       | (i) Plants for propagation                | (i) USA                              | Free from;<br>(a) <i>Aspidiotus nerii</i> (acuba scale)<br>(b) <i>Selenaspidus articulatus</i> (west Indian red scale)                                                                                                                                                                                                                                                                                                        | Post-entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|      |                             |                                           | (ii) Australia                       | Free from <i>Aspidiotus nerii</i> (acuba scale)                                                                                                                                                                                                                                                                                                                                                                               | Post-entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|      |                             |                                           | (iii) Thailand<br>(iv) Singapore     | Nil                                                                                                                                                                                                                                                                                                                                                                                                                           | Post-entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|      |                             | (ii) Tissue cultured plants               | Any Country                          | Nil                                                                                                                                                                                                                                                                                                                                                                                                                           | Post-entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                                                                                                                                                                                                                                            |

|      |                                                                                           |                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                            |
|------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 537. | <i>Poa pratensis</i> (Kentucky blue grass)                                                | Seeds for sowing                                             | USA         | Free from:<br>(a) <i>Anguina agrostis</i> (Bentgrass nematode)<br>(b) <i>Claviceps purpurea</i> (ergot)<br>(c) <i>Monographella nivalis</i> (foot rot: cereals)<br>(d) <i>Sclerotinia homoeocarpa</i> (dollar spot: grasses)<br>(e) <i>Pantoea stewartii</i> (Bacterial leaf blight of maize)                                                                                                    | (i) Imports permitted subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Free from soil and quarantine weed seeds.                            |
| 538. | <i>Polygala myrtifolia</i> /<br><i>Polygala paniculata</i>                                | (i) Seeds for sowing<br>(ii) Cuttings                        | USA         | Nil                                                                                                                                                                                                                                                                                                                                                                                              | (i) Freedom from soil and quarantine weed seeds<br>(ii) Post-entry quarantine for a period of one growth season except for research                                        |
| 539. | <i>Polypodium</i> spp.<br>(Polypodium)                                                    | Plants for propagation                                       | Any Country | Nil                                                                                                                                                                                                                                                                                                                                                                                              | Post entry quarantine for a period of 45 days.                                                                                                                             |
| 540. | <i>Polyscias</i> spp.<br>(Polyscias)                                                      | Plants for propagation                                       | Any Country | Nil                                                                                                                                                                                                                                                                                                                                                                                              | Post entry quarantine for a period of 45 days.                                                                                                                             |
| 541. | <b>Pome Fruits:</b> (Apple, Pear ( <i>Pyrus</i> spp.) and Quince ( <i>Cydonia</i> spp.)). | (i) Cuttings/ Saplings/ Bud wood for planting or propagation | Any Country | Free from:<br>(a) Fire blight ( <i>Erwinia amylovora</i> )<br>(b) Crown gall ( <i>Agrobacterium tumefaciens</i> )<br>(c) Hairy root ( <i>A. rhizogenes</i> )<br>(d) Apple and pear rusts ( <i>Gymnosporangium</i> spp) non Asiatic<br>(e) Apple scar skin, apple stem grooving viruses.<br>(f) Seed chalcid ( <i>Megastigmus spermotrophus</i> )<br>(g) Viruses/ phytoplasmas affecting Pomidae. | (i) Post-entry quarantine for a period of 1-2 years.<br>(ii) Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture. |
|      |                                                                                           | (ii) Tissue cultured plants                                  | Any Country | Certified that the planting material is obtained from mother stock indexed/tested and maintained free from viruses and phytoplasmas affecting Pomidae.                                                                                                                                                                                                                                           | The above condition at (i) shall not apply.                                                                                                                                |

|  |  |                                    |               |                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--|--|------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | (iii) Fresh fruits for consumption | (i) Australia | Free from:<br>(a) <i>Bactrocera tryoni</i> (Queensland fruit fly)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Cydia pomonella</i> (codling moth)<br>(d) <i>Epiphyas postvittana</i> (light brown apple moth)<br>(e) <i>Pseudococcus calceolariae</i> (scarlet mealybug)                                     | (a) Pest free status for <i>Bactrocera tryoni</i> (Queensland fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus intransit refrigeration against Queensland fruit fly |
|  |  |                                    | (ii) Canada   | Free from :<br>(a) <i>Cydia molesta</i> (oriental fruit moth)<br>(b) <i>Erwinia amylovora</i> (fireblight)<br>(c) <i>Pandemis heparana</i> (apple brown tortrix)<br>(d) <i>Peridroma saucia</i> (pearly under wing moth)<br>(e) <i>Pseudococcus comstocki</i> (Comstock mealy bug)<br>(f) <i>Rhagoletis pomonella</i> (apple maggot) | ((a) Pest free area status for <i>Rhagoletis pomonella</i> (Apple maggot) as per international standard or<br>(b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against <i>Rhagoletis pomonella</i> (Apple maggot)                                                                                                                                                                                      |
|  |  |                                    | (iii) Chile   | Free from <i>Ceratitis capitata</i> (Mediterranean fruit fly)                                                                                                                                                                                                                                                                        | (a) Pest free status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly                                                                                                                                                                                                     |

|  |  |  |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                        |
|--|--|--|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (iv) China          | Free from :<br>(a) <i>Adoxophyes orana</i> (summer fruit tortrix)<br>(b) <i>Cydia funebrana</i> (red plum maggot)<br>(c) <i>Cydia inopinata</i> (Manchurian fruitmoth)<br>(d) <i>Cydia molesta</i> (Oriental fruit moth)<br>(e) <i>Cydia pomonella</i> (Codling moth)<br>(f) <i>Pandemis cerasana</i> (Common twist moth)<br>(g) <i>Pandemis heparana</i> (apple brown tortrix)<br>(h) <i>Peridroma saucia</i> (Pearly underwing moth)                                                           | (a) Pest free status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly                   |
|  |  |  | (v) France          | Free from :<br>(a) <i>Adoxophyes orana</i> (summer fruit tortrix)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Cydia funebrana</i> (red plum maggot)<br>(d) <i>Cydia molesta</i> (oriental fruit moth)<br>(e) <i>Cydia pomonella</i> (codling moth)<br>(f) <i>Erwinia amylovora</i> (fire blight)<br>(g) <i>Pandemis heparana</i> (apple browntortrix)<br>(h) <i>Peridroma saucia</i> (pearly underwing moth)<br>(i) <i>Pseudococcus calceolariae</i> (scarlet mealybug) | (a) Pest free status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly                   |
|  |  |  | (vi) Iran           | Free from <i>Cydia pomonella</i> (codling moth)                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Nil                                                                                                                                                                                                                                                                                                                    |
|  |  |  | (vii) New Zealand   | Free from :<br>(a) <i>Cydia molesta</i> (oriental fruit moth)<br>(b) <i>Cydia pomonella</i> (Codling moth)<br>(c) <i>Epiphyas postvittana</i> (light brown apple moth)<br>(d) <i>Erwinia amylovora</i> (fire blight)<br>(e) <i>Pseudococcus calceolariae</i> (scarlet mealy bug)                                                                                                                                                                                                                 | Nil                                                                                                                                                                                                                                                                                                                    |
|  |  |  | (viii) South Africa | Free from :<br>(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(b) <i>Ceratitis rosa</i> (Natal fruit fly)<br>(c) <i>Cydia molesta</i> (Oriental fruit moth)<br>(d) <i>Cydia pomonella</i> (Codling moth)<br>(e) <i>Erwinia amylovora</i> (fire blight)<br>(f) <i>Pseudococcus calceolariae</i> (scarlet mealy bug)                                                                                                                                                                   | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) and <i>Ceratitis rosa</i> (Natal fruit fly) or<br>(b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly |

|  |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--|--|--|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (ix) USA  | Free from :<br>(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(b) <i>Cydia pomonella</i> (codling moth)<br>(c) <i>Epiphyas postvittana</i> (light brown apple moth)<br>(d) <i>Erwinia amylovora</i> (fireblight)<br>(e) <i>Pseudococcus calceolariae</i> (scarlet mealy bug)<br>(f) <i>Pseudococcus comstocki</i> (Comstock mealy bug)<br>(g) <i>Rhagoletis pomonella</i> (apple maggot)<br>(h) <i>Anastrepha fraeerculus</i> (South American fruit fly)<br>(i) <i>Anastrepha lundens</i> (Mexican fruit fly)<br>(j) <i>Anastrepha serpentine</i> (Sapodilla fruit fly)<br>(k) <i>Anastrepha suspense</i> (Caribbean fruit fly)<br>(l) <i>Anthonomus quadrigibbus</i> (apple curculio)<br>(m) <i>Epidiaspis leperii</i> (European pear scale)<br>(n) <i>Grapholita molesta</i> (Oriental fruit fly) | (a) Pest free status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) MBr fumigation @ 32gm/cum for 2 hrs @ 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or<br>(c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly. The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/ re-export. |
|  |  |  | (x) Italy | Free from :<br>(a) <i>Adoxophyes orana</i> (summer fruit tortrix)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Cydia funebrana</i> (red plum maggot)<br>(d) <i>Cydia molesta</i> (oriental fruit moth)<br>(e) <i>Erwinia amylovora</i> (fireblight)<br>(f) <i>Pandemis cerasana</i> (common twist moth)<br>(g) <i>Pandemis heparana</i> (apple brown tortrix)<br>(h) <i>Peridroma saucia</i> (pearly underwing moth)<br>(i) <i>Pseudococcus calceolariae</i> (scarlet mealy bug)                                                                                                                                                                                                                                                                                                        | (a) Pest free status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly                                                                                                                                                                                                                                       |



|  |  |  |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--|--|--|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (xi) Brazil  | <p>Free from:</p> <p>a. <i>Anastrepha fraterculus</i> (South American fruit fly)</p> <p>b. <i>Anastrepha serpentine</i> (Sapodilla fruit fly)</p> <p>c. <i>Grapholita molesta</i> (Oriental fruit moth)</p> <p>d. <i>Pantomorus cervinus</i> (Fuller's rose beetle)</p> <p>e. <i>Peridroma saucia</i> (Pearly underwing moth)</p> <p>f. <i>Phytophthora cryptogea</i> (Tomato foot rot)</p> <p>g. <i>Pseudococcus calceolariae</i> (Scarlet mealybug)</p> <p>h. <i>Pseudococcus Comstocki</i> (Comstock mealybug)</p> <p>i. <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato (USA))</p> <p>j. <i>Venturia pyrina</i> (Black spot of pear)</p> | <p>(a) Pest free area status for <i>Anastrepha</i> spp. as per international standards or</p> <p>(b) Pre-shipment cold treatment at zero degree Celsius or below for 13 days (or) 0.55 degree Celsius or below for 14 days (or) 1.1 degree Celsius or below for 18 days plus in-transit refrigeration against fruit fly and</p> <p>(c) MBr fumigation @ 32g/m3 for 2 hrs at 21degree Celsius or above at NAP or equivalent thereof.</p> <p>The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.</p> |
|  |  |  | (xii) Poland | <p>Free from :</p> <p>(a) <i>Adoxophyes orana</i> (summer fruit tortrix)</p> <p>(b) <i>Ametastegia</i></p> <p>(c) <i>Archips podana</i> (great brown twist moth)</p> <p>(d) <i>Byturus tomentosus</i> (raspberry beetle)</p> <p>(e) <i>Epidiaspis leperii</i> (European pear scale)</p> <p>(f) <i>Grapholita funebrana</i> (red plum maggot)</p> <p>(g) <i>Orthosia cerasi</i> (common quaker)</p> <p>(h) <i>Peridroma saucia</i> (pearly underwing moth)</p> <p>(i) <i>Erwinia amylovora</i> (fire blight)</p> <p>(j) Apple stem pitting virus.(apple spy 227 epinasty &amp; decline)</p>                                                                   | <p>Fumigation with MBr @ 32gm/cum for 2hrs @ 21°C or above at NAP or equivalent thereof or any other treatment duly approved by the Plant Protection Adviser to the Govt.of India. The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/ reexport.</p>                                                                                                                                                                                                                                                         |

|  |  |  |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|--|--|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (xiii) Afghanistan | Free from:<br>(a) <i>Byturus tomentosus</i> (raspberry beetle)<br>(b) <i>Venturia pyrina</i> (black spot of pear)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | (a) MBr fumigation @ 32gm/cum for 2 hrs @ 21°C or above at NAP or Equivalent thereof against <i>Byturus tomentosus</i> (raspberry beetle)<br>(b) Pre-shipment cold treatment at 0 °C or below for 10 days; 0.55 °C or below for 11 days; 1.1 °C or below for 12 days plus in-transit refrigeration against <i>Byturus tomentosus</i> (raspberry beetle). The treatment should be endorsed on phytosanitary certificate issued at the country of origin/reexport. |
|  |  |  | (xiv) Belgium      | Free from:<br>(a) <i>Adoxophyes orana</i> (summer fruit tortrix)<br>(b) <i>Ametastegia</i><br>(c) <i>Archips podana</i> (great browntwist moth)<br>(d) <i>Byturus tomentosus</i> (raspberry beetle)<br>(e) <i>Caliroa cerasi</i> (pear and cherry slugworm)<br>(f) <i>Epidiaspis leperii</i> (European pear scale)<br>(g) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(h) <i>Grapholita funebrana</i> (red plum maggot)<br>(i) <i>Gymnosporangium fuscum</i> (European pear rust)<br>(j) <i>Harmonia axyridis</i> (harlequin ladybird)<br>(k) <i>Hoplocampa</i><br>(l) <i>Leucoptera malifoliella</i> (pear leaf blister moth)<br>(m) <i>Operophtera brumata</i> (winter moth)<br>(n) <i>Orthosia cerasi</i> (common quaker)<br>(o) <i>Ostrinia nubilalis</i> (European maize borer)<br>(p) <i>Pandemis heparana</i> (apple brown tortrix)<br>(q) <i>Peridroma saucia</i> (pearly underwing moth)<br>(r) <i>Venturia pyrina</i> (black spot of pear)<br>(s) <i>Erwinia amylovora</i> (fireblight)<br>(t) Apple stem pitting virus (Apple spy 227 epinasty & decline) | MBr fumigation @ 32gm/cum for 2 hrs @ 21°C or above at NAP or Equivalent thereof against <i>Byturus tomentosus</i> (raspberry beetle). The treatment should be endorsed on phytosanitary certificate issued at the country of origin/reexport.                                                                                                                                                                                                                   |

|  |  |  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--|--|--|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (xv) Argentina | <p>Free from:</p> <ul style="list-style-type: none"> <li>a) <i>Ametastegia</i> spp.(Sawflies)</li> <li>b) <i>Anastrepha fraterculus</i> (South American fruit fly)</li> <li>c) <i>Grapholita molesta</i> (Oriental fruit moth)</li> <li>d) <i>Harmonia axyridis</i> (Harlequin ladybird)</li> <li>e) <i>Pantomorus cervinus</i> (Fuller's rose beetle)</li> <li>f) <i>Peridroma saucia</i> (Pearly underwing moth)</li> <li>g) <i>Phytophthora cryptogea</i> (Tomato foot rot)</li> <li>h) <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato (USA))</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>Pre-shipment/In-transit cold treatment @ 0.0°C for 40 days</p> <p>The treatment should be endorsed on phytosanitary certificate issued at the country of origin/re-export.</p>                                                                                                                                                                                                                                                                                                                                                    |
|  |  |  | (xvi) Bulgaria | <p>Free from :</p> <ul style="list-style-type: none"> <li>a) <i>Aculus schlechtendali</i> (Apple rust mite)</li> <li>b) <i>Adoxophyes orana</i> (Summer fruit tortrix)</li> <li>c) <i>Ametastegia</i> (Sawflies)</li> <li>d) <i>Archips podanus</i> (Great brown twist moth)</li> <li>e) <i>Byturus tomentosus</i> (Raspberry beetle)</li> <li>f) <i>Ceratitis capitata</i> (Mediterranean fruit fly)</li> <li>g) <i>Cornu aspersum/Helix aspera</i> (Common snail).</li> <li>h) <i>Epidiaspis leperii</i> (European pear scale)</li> <li>i) <i>Erwinia amylovora</i> (Fireblight)</li> <li>j) <i>Frankliniella occidentalis</i> (western flower thrips)</li> <li>k) <i>Grapholita funebrana</i>(Red plum maggot)</li> <li>l) <i>Grapholita molesta</i> (Oriental fruit moth)</li> <li>m) <i>Harmonia axyridis</i> (Harlequin ladybird)</li> <li>n) <i>Hedya nubiferana</i> (bud moth)</li> <li>o) <i>Hoplocampa</i> spp.</li> <li>p) <i>Lacanobia oleracea</i> (Bright-line brown- eye moth)</li> <li>q) <i>Leucoptera malifoliella</i> (Pear leaf blister moth)</li> <li>r) <i>Metcalfa pruinosa</i> (Frosted moth-bug)</li> <li>s) <i>Orthosia cerasi</i> (Common quaker)</li> <li>t) <i>Pandemis heparana</i>(Apple brown tortrix)</li> <li>u) <i>Peridroma saucia</i> (Pearly underwing moth)</li> <li>v) <i>Phytophthora cryptogea</i> (Tomato foot rot)</li> <li>w) <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato (USA))</li> <li>x) <i>Venturia pyrina</i> (Black spot of pear)</li> </ul> | <p>(a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or Pre shipment cold treatment at 0°C or below for 10 days; 0.55 °C or below for 11 days; 1.1 °C or below for 12 days plus in-transit refrigeration against fruit fly and</p> <p>(b) Methyl Bromide fumigation @ 32 g/m<sup>3</sup> for 2 hrs at 21°C or above at NAP or equivalent thereof.</p> <p>The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/re-export.</p> |

|  |  |  |                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|--|--|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (xvii) Spain           | <p>Free from:</p> <p>a) <i>Adoxophyes orana</i> (Summer fruit tortrix)</p> <p>b) <i>Ametastegia</i> (Sawflies)</p> <p>c) <i>Byturus tomentosus</i> (Raspberry beetle)</p> <p>d) <i>Ceratitis capitata</i> (Mediterranean fruit fly)</p> <p>e) <i>Cornu aspersum</i>/ <i>Helix aspera</i> (Common snail).</p> <p>f) <i>Cydia pomonella</i> (Codling moth)</p> <p>g) <i>Dorosophila simulans</i></p> <p>h) <i>Epidiaspis leperii</i> (European pear scale)</p> <p>i) <i>Erwinia amylovora</i> (Fireblight)</p> <p>j) <i>Frankliniella occidentalis</i> (western flower thrips)</p> <p>k) <i>Grapholita funebrana</i> (Red plum maggot)</p> <p>l) <i>Grapholita molesta</i> (Oriental fruit moth)</p> <p>m) <i>Harmonia axyridis</i> (Harlequin ladybird)</p> <p>n) <i>Leucoptera malifoliella</i> (Pear leaf blister moth)</p> <p>o) <i>Metcalfa pruinosa</i> (Frosted moth-bug)</p> <p>p) <i>Monilinia fructigena</i> (Blossom blight of fruit trees)</p> <p>q) <i>Orthosia cerasi</i> (Common quaker)</p> <p>r) <i>Pantomorus cervinus</i> (Fuller's rose beetle)</p> <p>s) <i>Peridroma saucia</i> (Pearly underwing moth)</p> <p>t) <i>Phytophthora cryptogea</i> (Tomato foot rot)</p> <p>u) <i>Pseudococcus calceolariae</i> (Scarlet mealybug)</p> <p>v) <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato (USA))</p> <p>w) <i>Venturia pyrina</i> (Black spot of pear)</p> | <p>(a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards <b>or</b></p> <p>Pre shipment cold treatment at 0<sup>0</sup>C or below for 10 days; 0.55<sup>0</sup>C or below for 11 days; 1.1<sup>0</sup>C or below for 12 days plus in-transit refrigeration against fruit fly and</p> <p>(b) Methyl Bromide fumigation @ 32 g/m<sup>3</sup> for 2 hrs at 21<sup>0</sup>C or above at NAP or equivalent thereof.</p> <p>The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/re-export.</p> |
|  |  |  | (xviii) United Kingdom | <p>Free from:</p> <p>a) <i>Aculus schlechtendali</i> (apple rust mite)</p> <p>b) <i>Adoxophyes orana</i> (summer fruit tortrix)</p> <p>c) <i>Ametastegia glabrata</i></p> <p>d) <i>Archips podanus</i> (great brown twist moth)</p> <p>e) <i>Blastobasis decolorella</i></p> <p>f) <i>Cydia pomonella</i> (codling moth)</p> <p>g) <i>Forficula auricularia</i></p> <p>h) <i>Harmonia axyridis</i> (harlequin ladybird)</p> <p>i) <i>Hoplocampa testudinea</i></p> <p>j) <i>Quadraspidiotus pyri</i></p> <p>k) <i>Syndemis musculana</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <p>a) Methyl Bromide fumigation @ 32 g/m<sup>3</sup> for 2 hrs at 21<sup>0</sup>C or above at NAP or equivalent thereof.</p> <p>The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/re-export.</p>                                                                                                                                                                                                                                                                                                                                                 |

|  |                                        |                              |                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--|----------------------------------------|------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                        |                              | (xix)<br>Netherlands | Free from:<br>a) <i>Aculus schlechtendali</i> (apple rust mite)<br>b) <i>Adoxophyes orana</i> (summer fruit tortrix)<br>c) <i>Archips podanus</i> (great brown twist moth)<br>d) <i>Botrytis cinerea</i><br>e) <i>Cydia pomonella</i> (codling moth)<br>f) <i>Harmonia axyridis</i> (harlequin ladybird)<br>g) <i>Hedya nubiferana</i> (bud moth)<br>h) <i>Monilinia fructigena</i> (brown rot)<br>i) <i>Orthosia cerasi</i> (common quaker)<br>j) <i>Pencillium expansum</i><br>k) <i>Pezicula alba</i><br>l) <i>Pezicula malicorticis</i> (apple anthracnose)<br>m) <i>Phytophthora cactorum</i><br>n) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>o) <i>Phytophthora syringae</i><br>p) <i>Venturia inaequalis</i><br>q) <i>Venturia pyrina</i> (black spot of pear) | a) Methyl Bromide fumigation @ 32 g/m <sup>3</sup> for 2 hrs at 21 °C or above at NAP or equivalent thereof<br>The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/re-export.                                                                                                                                                                                                                                                |
|  | (ii) <i>Malus domestica</i><br>(Apple) | (iii) Fruits for consumption | (i) Afghanistan      | Free from:<br>(a) <i>Byturus tomentosus</i> (raspberry beetle)<br>(b) <i>Venturia pyrina</i> (black spot of pear)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (a) Pest free status for <i>Byturus tomentosus</i> (raspberry beetle) as per international standards or<br>(b) Pre-shipment cold treatment at 0 °C or below for 10 days; 0.55 °C or below for 11 days; 1.1 °C or below for 12 days plus in-transit refrigeration against <i>Byturus tomentosus</i> (raspberry beetle) or<br>(c) MBr fumigation @ 32gm/cum for 2 hrs @ 21 °C or above at NAP or Equivalent thereof against <i>Byturus tomentosus</i> (raspberry beetle) |

|  |  |  |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--|--|--|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (ii) Belgium | <p>Free from:</p> <p>(a) <i>Adoxophyes orana</i> (summer fruit tortrix)</p> <p>(b) <i>Ametastegia</i></p> <p>(c) <i>Archips podana</i> (great browntwist moth)</p> <p>(d) <i>Byturus tomentosus</i> (raspberry beetle)</p> <p>(e) <i>Caliroa cerasi</i> (pear and cherry slugworm)</p> <p>(f) <i>Epidiaspis leperii</i> (European pear scale)</p> <p>(g) <i>Frankliniella occidentalis</i> (western flower thrips)</p> <p>(h) <i>Grapholita funebrana</i> (red plum maggot)</p> <p>(i) <i>Harmonia axyridis</i> (harlequin ladybird)</p> <p>(j) <i>Hoplocampa</i></p> <p>(k) <i>Leucoptera malifoliella</i> (pear leaf blister moth)</p> <p>(l) <i>Operophtera brumata</i> (winter moth)</p> <p>(m) <i>Orthosia cerasi</i> (common quaker)</p> <p>(n) <i>Ostrinia nubilalis</i> (European maize borer)</p> <p>(o) <i>Pandemis heparana</i> (apple brown tortrix)</p> <p>(p) <i>Peridroma saucia</i> (pearly underwing moth)</p> <p>(q) <i>Venturia pyrina</i> (black spot of pear)</p> <p>(r) <i>Erwinia amylovora</i> (fireblight)</p> | <p>(a) Pest free status for <i>Byturus tomentosus</i> (raspberry beetle) as per international standards or</p> <p>(b) Pre-shipment cold treatment at 0 °C or below for 10 days; 0.55 °C or below for 11 days; 1.1 °C or below for 12 days plus in-transit refrigeration against <i>Byturus tomentosus</i> (raspberry beetle) or</p> <p>(c) MBr fumigation @ 32gm/cum for 2 hrs @ 21 °C or above at NAP or equivalent thereof against <i>Byturus tomentosus</i> (raspberry beetle)</p> |
|--|--|--|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|  |  |  |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--|--|--|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (iii) Romania | <p>Free from:</p> <p>(a) <i>Adoxophyes orana</i> (summer fruit tortrix)</p> <p>(b) <i>Ametastegia</i></p> <p>(c) <i>Archips podana</i> (great brown twist moth)</p> <p>(d) <i>Epidiaspis leperii</i> (European pear scale)</p> <p>(e) <i>Frankliniella occidentalis</i> (western flower thrips)</p> <p>(f) <i>Grapholita funebrana</i> (red plum maggot)</p> <p>(g) <i>Grapholita molesta</i> (oriental fruit moth)</p> <p>(h) <i>Hedya nubiferana</i> (bud moth)</p> <p>(i) <i>Hoplocampa</i></p> <p>(j) <i>Leucoptera malifoliella</i> (pear leaf blister moth)</p> <p>(k) <i>Orthosia cerasi</i> (common quaker)</p> <p>(l) <i>Ostrinia nubilalis</i> (European maize borer)</p> <p>(m) <i>Pandemis heparana</i> (apple brown tortrix)</p> <p>(n) <i>Peridroma saucia</i> (pearly underwing moth)</p> <p>(o) <i>Venturia pyrina</i> (black spot of pear)</p> <p>(p) <i>Erwinia amylovora</i> (fireblight)</p> <p>(q) Apple stem pitting virus (apple Spy 227 epinasty &amp; decline)</p> | <p>(a) Pest free status for <i>Grapholita funebrana</i> (red plum maggot) and <i>Grapholita molesta</i> (oriental fruit moth) as per international standards Or</p> <p>(b) Methyl Bromide fumigation @32gm/cum for 2 hrs @ 21°C or above at NAP or equivalent thereof against <i>Grapholita funebrana</i> (red plum maggot) and <i>Grapholita molesta</i> (oriental fruit moth) or</p> <p>(c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against <i>Grapholita funebrana</i> (red plum maggot) and <i>Grapholita molesta</i> (oriental fruit moth).</p> <p>The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/ re –export.</p> |
|  |  |  | (iv) Turkey   | <p>Free from</p> <p>(a) <i>Byturus tomentosus</i> (raspberry beetle)</p> <p>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)</p> <p>(c) <i>Epidiaspis leperii</i> (European pear scale)</p> <p>(d) <i>Frankliniella occidentalis</i> (western flower thrips)</p> <p>(e) <i>Grapholita funebrana</i> (red plum maggot)</p> <p>(f) <i>Grapholita molesta</i> (Oriental fruit fly)</p> <p>(g) <i>Hedya nubiferana</i> (bud moth)</p> <p>(h) <i>Hoplocampa</i></p> <p>(i) <i>Lymantria monacha</i> (nun moth)</p> <p>(j) <i>Erwinia amylovora</i> (fireblight)</p> <p>(k) Tomato ring spot virus (ringspot of tomato)</p>                                                                                                                                                                                                                                                                                                                                                                | <p>(a) Pest free status of <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per International Standard or</p> <p>(b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

|      |                                        |                                              |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                           |
|------|----------------------------------------|----------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | (iii) <i>Pyrus communis</i><br>(Pears) | (iii)Fruits for consumption                  | (i) Belgium | Free from:<br>(a) <i>Adoxophyesorana</i> (summer fruit tortrix)<br>(b) <i>Archips podana</i> (great brown twist moth)<br>(c) <i>Cacopsylla pyri</i> (pear sucker)<br>(d) <i>Cacopsylla pyricola</i> (psyllid, pear)<br>(e) <i>Caliroa cerasi</i> (pear and cherry slugworm)<br>(f) <i>Epidiaspisleperii</i> (European pear scale)<br>(g) <i>Harmonia axyridis</i> (harlequin ladybird)<br>(h) <i>Hoplocampa</i><br>(i) <i>Leucoptera malifoliella</i> (pear leaf blister moth)<br>(j) <i>Operophtera brumata</i> (winter moth)<br>(k) <i>Peridroma saucia</i> (pearly underwing moth)<br>(l) <i>Epitrimerus pyri</i> (pear rust mite)<br>(m) <i>Helix aspersa</i> (common snail)<br>(n) <i>Gymnosporangi um fuscum</i> (European pear rust)<br>(o) <i>Venturia pyrina</i> (black spot of pear)<br>(p) <i>Erwiniaamylovora</i> (fireblight) | Nil                                                                                                                                                                                                                                                                                                                                                                       |
| 542. | <i>Populus nigra</i>                   | (i) Timber logs without bark for consumption | (i) Belgium | Free from<br><i>Lymantria monacha</i> (nun moth)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |



|      |                                      |                      |                           |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                            |
|------|--------------------------------------|----------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                      |                      | (ii)Germany               | Free from:<br>(a) <i>Anoplophora glabripennis</i> (Asian longhorned beetle)<br>(b) <i>Lymantria monacha</i> (nun moth)<br>(c) <i>Tremex fuscicornis</i> (Tremex wasp)<br>(d) <i>Heterobasidion annosum</i> | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.. |
| 543. | <i>Portulaca spp.</i> (Portulaca)    | Seeds for sowing     | (i) USA<br>(ii) Australia | Free from Tobacco rattle virus (Spraing of potato)                                                                                                                                                         | (i)Free from quarantine weed seeds.<br>(ii)Crop inspection and certification for Free from tobacco rattle virus.                                                                                                                                                                                                                                                           |
|      |                                      |                      | (iii) Netherlands         | Nil                                                                                                                                                                                                        | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                           |
|      |                                      |                      | (iv) Taiwan               | Free from Aster yellows phytoplasma group                                                                                                                                                                  | (i)Free from quarantine weed seeds.<br>(ii)Crop inspection and certification for Free from aster yellows phytoplasma group.                                                                                                                                                                                                                                                |
|      |                                      |                      | (v) UK                    | Free from:<br>(a) <i>Duponchelia fovealis</i> (Southern European marshland pyralid)<br>(b) <i>Peridroma saucia</i> (Pearly underwing moth)<br>(c) <i>Phytonemus pallidus</i> (Strawberry mite)             | Freedom from soil and quarantine weed seeds.                                                                                                                                                                                                                                                                                                                               |
|      |                                      |                      | (vi) Japan                | Free from:<br>(a) <i>Peridroma saucia</i> (Pearly underwing moth)<br>(b) <i>Phytonemus pallidus</i> (Strawberry mite)                                                                                      | Freedom from soil and quarantine weed seeds.                                                                                                                                                                                                                                                                                                                               |
| 544. | <i>Populus euramericana</i> (Poplar) | (i) Seeds for sowing | Canada                    | Nil                                                                                                                                                                                                        | (i) Freedom from quarantine weed seeds<br>(ii)Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                                                                                                    |

|      |                                             |                                                   |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                 |
|------|---------------------------------------------|---------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                             | (ii) Cuttings                                     | Canada      | Free from:<br>(a) <i>Anoplophora glabripennis</i><br>(b) <i>Choristoneura rosaceana</i><br>(c) <i>Euproctis chrysorrhoea</i><br>(d) <i>Hyphantria cunea</i><br>(e) <i>Leucoma salicis</i> (satin moth)<br>(f) <i>Lygus lineolaris</i> (plant bug)<br>(g) <i>Malacosoma americanum</i><br>(h) <i>Malacosoma disstria</i><br>(i) <i>Operophtera brumata</i><br>(j) <i>Peridroma saucia</i> (pearly moth)<br>(k) <i>Zeuzera pyrina</i> (leopard moth)<br>(l) <i>Botryosphaeria stevensii</i><br>(m) <i>Cryptodiaporthe populea</i> (canker)<br>(n) <i>Drepanopeziza populorum</i><br>(o) <i>Heterobasidion annosum</i><br>(p) <i>Heterobasidion parviporum</i><br>(q) <i>Hypoxyton mammatum</i> (canker)<br>(r) <i>Mycosphaerella populorum</i><br>(s) <i>Ophiostoma piceae</i><br>(t) <i>Phellinus tremulae</i><br>(u) <i>Phytophthora cryptogea</i> (foot rot)<br>(v) <i>Rhizobium rhizogenes</i> | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post-entry quarantine growing for 6-9 month.                                                                                                                                                   |
| 545. | Pot pourie/ dried decorative plant material | Decorative plant material (dried) for consumption | Any Country | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (i) Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.<br>(ii) Free from quarantine weeds seeds. |
| 546. | <i>Pouteria caimito</i>                     | Plants/ cuttings for propagation                  | Israel      | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | (i) Free from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.                                                                                                                                         |

|      |                               |                                       |                                       |                                                                       |                                                                                                                                                                                          |
|------|-------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 547. | <i>Pouteria locuma</i>        | Plants/ cuttings for propagation      | Israel                                | Nil                                                                   | (i) Free from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.  |
| 548. | <i>Pouteria sapota</i>        | (i) Plants for propagation            | Thailand, Australia, USA              | Nil                                                                   | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation  |
|      |                               | (ii) Plants/ cuttings for propagation | Israel                                | Nil                                                                   | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months. |
| 549. | <i>Pouteria viridis</i>       | (i) Plants for propagation            | Thailand, Australia, USA              | Nil                                                                   | (i) Post-entry quarantine growing for a period of 4-6 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation  |
| 550. | <i>Primula</i> spp. (Primula) | Seeds for sowing                      | (i) Europe<br>(ii) USA<br>(iii) Japan | Nil                                                                   | Free from soil and quarantine weed seeds.                                                                                                                                                |
|      |                               |                                       | (iv) Australia                        | Free from <i>Pseudomonas syringae</i> pv. <i>primulae</i> (leaf spot) | Freedom from quarantine weeds seeds.                                                                                                                                                     |

|      |                             |                                      |                                 |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                           |
|------|-----------------------------|--------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 551. | <i>Protea</i> spp.          | (i) Plants/ cuttings for propagation | (i) Australia                   | Nil                                                                                                                                                                | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                            |
|      |                             |                                      | (ii) USA                        | Free from:<br>(a) <i>Botryosphaeria dothidea</i> (canker of almond)<br>(b) <i>Botryosphaeria stevensii</i> ( <i>Botryosphaeria</i> disease, grapevine)             | (i) Post entry quarantine for a period of 10 months.<br>(ii) Free from soil.                                                                                                                                                                                                              |
|      |                             |                                      | (iii) Ecuador                   | Nil                                                                                                                                                                | (i) Post entry quarantine for a period of 45 days.<br>(ii) Free from soil                                                                                                                                                                                                                 |
|      |                             |                                      | (iv) Israel                     | Free from:<br><i>Rosellinia necatrix</i> (dematophora root rot)                                                                                                    | (i) Free from soil<br>(ii) Post-entry quarantine for a period of 45 days                                                                                                                                                                                                                  |
| 552. | <i>Prunus</i> spp. (Cherry) | Wood with/without bark               | (i) USA                         | Free from:<br>(a) <i>Scolytus rugulosus</i> (Shothole borer)<br>(b) <i>Synanthedon exitiosa</i> (peachtree borer)<br>(c) <i>Xyleborus dispar</i> (ambrosia beetle) | Fumigation with Methyl bromide at 48 g per cubic metre for 24 hrs at 21°C and above or equivalent there of or any other treatment duly approved by the Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
|      |                             |                                      | (ii) North America (except USA) | Free from <i>Pseudococcus maritimus</i> (Grape mealybug)                                                                                                           |                                                                                                                                                                                                                                                                                           |
|      |                             |                                      | (iii) Europe                    | Free from <i>Phenacoccus aceris</i> (Apple mealybug)                                                                                                               |                                                                                                                                                                                                                                                                                           |

|      |                                                        |                                 |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                |
|------|--------------------------------------------------------|---------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 553. | <i>Prunus avium</i><br>(Sakura/Stella/ Cherry blossom) | Rooted cuttings for propagation | (i) Japan | Free from:<br>(a) Peach wart disease<br>(b) <i>Adoxophyes orana</i> (fruit tortrix)<br>(c) <i>Caliroa cerasi</i> (cherry sawfly)<br>(d) <i>Ceroplastes japonicus</i> (wax scale)<br>(e) <i>Chaetocnema confinis</i> (flea beetle)<br>(f) <i>Euproctis chrysorrhoea</i><br>(g) <i>Grapholita molesta</i><br>(h) <i>Homona magnanima</i> (tea tortrix)<br>(i) <i>Hyphantria cunea</i><br>(j) <i>Malacosoma neustria</i><br>(k) <i>Operophtera brumata</i><br>(l) <i>Parabemisia myricae</i><br>(m) <i>Philaenus spumarius</i> (froghopper)<br>(n) <i>Sphaerolecanium prunastri</i><br>(o) <i>Amphitetranychus viennensis</i><br>(p) <i>Phytophthora cryptogea</i> (foot rot)<br>(q) <i>Pseudomonas viridiflav</i><br>(r) <i>Rhizobium rhizogenes</i><br>(s) <i>Arabis mosaic virus</i><br>(t) <i>Little cherry virus</i><br>(u) <i>Peach latent mosaic viroid</i><br>(v) <i>Prune dwarf virus</i><br>(w) <i>Tomato ringspot virus</i> | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation ,<br>(iii) Post-entry quarantine growing for 6-9 month |
|      |                                                        |                                 | (ii) UK   | Free from:<br>(a) <i>Apiognomonina erythrostoma</i> (cherry leaf scorch)<br>(b) <i>Arabis mosaic virus</i> (hop bare-bine)<br>(c) <i>Carnation ring spot virus</i><br>(d) <i>Cherry leaf roll virus</i> (walnut ringspot)<br>(e) <i>Cherry rusty mottle disease</i> (cherry rusty mottle (American))<br>(f) <i>Cherry virus A</i><br>(g) <i>Choreutis pariana</i> (apple-and-thorn skeletonizer)<br>(h) <i>Conotrachelus nenuphar</i> (plum curculio)<br>(i) <i>Euproctis chrysorrhoea</i> (brown-tail moth)<br>(j) <i>Grapholita molesta</i> (oriental fruit moth)<br>(k) <i>Leucoptera malifoliella</i> (pear leaf blister moth)<br>(l) <i>Little cherry virus</i><br>(m) <i>Operophtera brumata</i> (winter moth)<br>(n) <i>Orgyia antiqua</i> (European tussock moth)                                                                                                                                                           | i. Freedom from soil<br>ii. Commercial imports subject to prior approval of Department of Agriculture and Cooperation ,<br>iii. Post-entry quarantine growing for 6-9 month    |

|      |                               |                                                          |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                              |
|------|-------------------------------|----------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                               |                                                          |          | <ul style="list-style-type: none"> <li>(o) <i>Philaenus spumarius</i> (meadow froghopper)</li> <li>(p) <i>Phytophthora cryptogea</i> (tomato foot rot)</li> <li>(q) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato (USA</li> <li>(r) Raspberry ring spot virus (ring spot of raspberry)</li> <li>(s) Strawberry latent ring spot virus (latent ring spot of strawberry)</li> <li>(t) <i>Thekopsora areolata</i> (cherry spruce rust)</li> <li>(u) Tomato ring spot virus (ring spot of tomato)</li> <li>(v) <i>Venturia cerasi</i> (cherry scab)</li> <li>(w) <i>Xyleborus dispar</i> (pear blight beetle)</li> <li>(x) <i>Yponomeuta padellus</i> (cherry ermine moth)</li> </ul>                                                        |                                                                                                                                                                              |
| 554. | <i>Prunus persica</i> (Peach) | Scion/ budwoods/ grafts<br>Rooted plants for propagation | (i) Iran | Free from: <ul style="list-style-type: none"> <li>(a) <i>Agriotes lineatus</i> (wireworm)</li> <li>(b) <i>Aporia crataegi</i> (white butterfly)</li> <li>(c) <i>Aspidiotus nerii</i> (aucuba scale)</li> <li>(d) <i>Epidiaspis leperii</i> (pear scale)</li> <li>(e) <i>Operophtera brumata</i></li> <li>(f) <i>Ostrinia nubilalis</i> (maize borer)</li> <li>(g) <i>Saturnia pyri</i> (giant moth)</li> <li>(h) <i>Sphaerolecanium prunastri</i></li> <li>(i) <i>Thrips angusticeps</i> (field thrips)</li> <li>(j) <i>Xyleborus dispar</i> (pear beetle)</li> <li>(k) <i>Amphitetranychus viennensis</i></li> <li>(l) <i>Xiphinema rivesi</i></li> <li>(m) <i>Phytophthora cryptogea</i> (foot rot)</li> <li>(n) <i>Tomato ringspot virus</i></li> </ul> | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month |

|  |  |  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                            |
|--|--|--|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (ii) USA | <p>Free from:</p> <ul style="list-style-type: none"> <li>(a) <i>Acrosternum hilare</i> (green bug)</li> <li>(b) <i>Agriotes lineatus</i> (wireworm)</li> <li>(c) <i>Archips fuscocupreanus</i></li> <li>(d) <i>Archips rosana</i> (leaf roller)</li> <li>(e) <i>Aspidiotus nerii</i> (aucuba scale)</li> <li>(f) <i>Ceresa alta</i> (buffalo treehopper)</li> <li>(g) <i>Conotrachelus nenuphar</i></li> <li>(h) <i>Dysaphis plantaginea</i> (apple aphid)</li> <li>(i) <i>Edwardsiana rosae</i> (leafhopper)</li> <li>(j) <i>Epidiaspis leperii</i> (pear scale)</li> <li>(k) <i>Epiphyas postvittana</i> (apple moth)</li> <li>(l) <i>Frankliniella occidentalis</i></li> <li>(m) <i>Grapholita molesta</i> (fruit moth)</li> <li>(n) <i>Grapholita packardi</i> (fruitworm)</li> <li>(o) <i>Grapholita prunivora</i> (plum moth)</li> <li>(p) <i>Homalodisca coagulata</i></li> <li>(q) <i>Lygus lineolaris</i> (plant bug)</li> <li>(r) <i>Malacosoma americanum</i></li> <li>(s) <i>Metcalfa pruinosa</i></li> <li>(t) <i>Operophtera brumata</i> (winter moth)</li> <li>(u) <i>Orgyia leucostigma</i> (moth)</li> <li>(v) <i>Ostrinia nubilalis</i> (maize borer)</li> <li>(w) <i>Pantomorus cervinus</i> (rose beetle)</li> <li>(x) <i>Parabemisia myricae</i> (whitefly)</li> <li>(y) <i>Peridroma saucia</i> (pearly moth)</li> <li>(z) <i>Philaenus spumarius</i> (froghopper)</li> <li>(aa) <i>Platynota stultana</i> (leaf roller)</li> <li>(bb) <i>Scolytus schevyrewi</i> (bark beetle)</li> <li>(cc) <i>Sphaerolecanium prunastri</i></li> <li>(dd) <i>Spilonota ocellana</i></li> <li>(ee) <i>Spodoptera frugiperda</i></li> <li>(ff) <i>Synanthedon pictipes</i> (tree borer)</li> <li>(gg) <i>Thyridopteryx ephemeraeformis</i></li> <li>(hh) <i>Xyleborus dispar</i> (pear beetle)</li> <li>(ii) <i>Aculus fockeui</i> (plum rust mite)</li> <li>(jj) <i>Xiphinema diversicaudatum</i></li> <li>(kk) <i>Xiphinema rivesi</i> (dagger nematode)</li> <li>(ll) <i>Apiosporina morbosa</i> (black knot)</li> <li>(mm) <i>Armillaria tabescens</i> (root rot)</li> <li>(nn) <i>Botryosphaeria dothidea</i></li> </ul> | <ul style="list-style-type: none"> <li>(i) Freedom from soil</li> <li>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation</li> <li>(iii) Post entry quarantine growing for 6-9 month</li> </ul> |
|--|--|--|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|      |                                               |                       |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                               |
|------|-----------------------------------------------|-----------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                               |                       |                                 | (oo) <i>Botryosphaeria obtusa</i><br>(pp) <i>Botryosphaeria stevensii</i><br>(qq) <i>Diaporthe eres</i><br>(rr) <i>Eutypa lata</i> (Eutypa dieback)<br>(ss) <i>Heterobasidion annosum</i><br>(tt) <i>Nectria radicola</i> (black root)<br>(uu) <i>Phymatotrichopsis omnivora</i><br>(vv) <i>Phytophthora citricola</i><br>(ww) <i>Phytophthora cryptogea</i><br>(xx) Peach rosette phytoplasma<br>(yy) Peach yellows phytoplasma<br>(zz) <i>Rhizobium rhizogenes</i><br>(aaa) <i>American plum line pattern virus</i><br>(bbb) <i>Cherry green ring mottle virus</i><br>(ccc) <i>Cherry rasp leaf virus</i><br>(ddd) <i>Cherry rusty mottle virus</i><br>(eee) <i>Peach rosette mosaic virus</i><br>(fff) <i>Prune dwarf virus</i><br>(ggg) <i>Strawberry latent ringspot virus</i><br>(hhh) <i>Tomato ringspot virus</i> |                                                                                                                                                                                                                                                                                                                                               |
| 555. | <i>Pseudotsuga menziesii</i><br>(Douglas fir) | (i) Wood without bark | (i) China<br>(ii) North America | Free from :<br>(a) <i>Dendroctonus pseudotsugae</i> (Douglas fir beetle)<br>(b) <i>Bursaphenches xylophilus</i> (Pine wood nematode)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
|      |                                               |                       | (iii) New Zealand               | Free from:<br>(a) <i>Hylastes ater</i> (Black pine bark)<br>(b) <i>Hylotrupes bajulus</i> (House longhorn beetle)<br>(c) <i>Otiorhynchus ovatus</i> (Strawberry root weevil)<br>(d) <i>Pseudocoremia suavis</i><br>(e) <i>Heterobasidion annosum</i><br>(f) <i>Leptographium procerum</i> (White pine root decline)<br>(g) <i>Ophiostoma piceae</i> (Vascular mycosis of oak)<br>(h) <i>Phaeocryptopus gaeumannii</i> (Swiss needle cast)                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                               |



|  |  |                                   |                        |                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                               |
|--|--|-----------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | (ii) Tissue culture plants        | (i) USA                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                            | Nil                                                                                                                                                                                                                                                                                                                                           |
|  |  | (iii) Timber logs for consumption | (i) Australia          | Free from;<br>(a) <i>Hylastes ater</i> (black pine bark beetle)<br>(b) <i>Heterobasidion annosum</i><br>(c) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(d) <i>Rhizobium rhizogenes</i> (gall)                                                                                                                                                       | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
|  |  |                                   | (ii) Fiji              | Free from <i>Orthotomicus erosus</i> (Mediterranean pine beetle)                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                               |
|  |  |                                   | (iii) Papua New Guinea | Free from <i>Phytophthora cryptogea</i> (tomato foot rot)                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                               |
|  |  |                                   | (iv) South Africa      | Free from:<br>(a) <i>Hylotrupes bajulus</i> (house long horn beetle)<br>(b) <i>Orthotomicus erosus</i> (Mediterranean pine beetle)<br>(c) <i>Bursaphelenchus xylophilus</i> (pine wilt nematode)<br>(d) <i>Gibberella circinata</i> (pitch canker)<br>(e) <i>Leptographium procerum</i> (white pine root decline)<br>(f) <i>Rhizobium rhizogenes</i> (gall) |                                                                                                                                                                                                                                                                                                                                               |

|      |                                 |                                         |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                         |
|------|---------------------------------|-----------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                 | (iv) Cone for tissue culture production | USA    | Free from:-<br>(a) <i>Barbara colfaxiana</i> (douglas-fir cone moth)<br>(b) <i>Choristoneura fumiferana</i> (spruce budworm)<br>(c) <i>Conophthorus radiatae</i> (cone beetle, Monterey pine)<br>(d) <i>Lambdina fuscicollis</i> (eastern hemlock looper)<br>(e) <i>Gibberella circinata</i> (pitch canker)<br>(f) <i>Gremmeniella abietina</i> (Brunchorstia disease)<br>(g) <i>Phytophthora cryptogea</i> (tomato foot rot)<br>(h) <i>Sirococcus conigenus</i> (sirococcus blight of conifers)<br>(i) <i>Contarinia oregonensis</i> (douglas-fir conegall midge)<br>(j) <i>Dioryctria abietivorella</i> (fir coneworm) | Nil                                                                                                                                                                                     |
| 556. | <i>Psidium cattleianum</i>      | Plants/ cuttings for propagation        | Israel | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (i) Free from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months. |
| 557. | <i>Psidium friedrichsthalia</i> | Plants/ cuttings for propagation        | Israel | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (i) Free from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months. |

|      |                                               |                                     |             |                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------|-----------------------------------------------|-------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 558. | <i>Psidium guajava</i> (Guava)                | (i) Fruits for consumption          | Thailand    | Free from:<br>(a) <i>Bactrocera papayae</i> (papaya fruit fly)<br>(b) <i>Bactrocera prifoliae</i>                                                                                                                      | (i) Pest-free area status for <i>Bactrocera papayae</i> (papaya fruit fly) and <i>Bactrocera prifoliae</i> as per international standards or<br>(ii) MB fumigation @ 32 g/cubic metre for 3 ½ hrs at 21°C or above or equivalent thereof or<br>(iii) Pre-shipment cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against <i>Bactrocera papayae</i> (papaya fruit fly) and <i>Bactrocera prifoliae</i> . |
|      |                                               | (ii) Plants for propagation         | Thailand    | Free from <i>Chondracris rosea</i> (Citrus locust)                                                                                                                                                                     | (i) Free from soil.<br>(ii) Post entry quarantine growing for a period of 10-12 months.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                                                                                                                                                                 |
| 559. | <i>Pteris</i> (Pteris)                        | Plants for propagation              | Asia        | Nil                                                                                                                                                                                                                    | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 560. | <i>Ptilotus</i> spp.                          | Tissue culture plants               | Australia   | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from virus.                                                                                                        | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 561. | <i>Ptychosperma macarthurii</i>               | Seeds for sowing                    | Any Country | Nil                                                                                                                                                                                                                    | Free from quarantine weeds seeds and soil contamination.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 562. | <i>Pueraria phaseoloides</i> (Tropical Kadzu) | Seeds for sowing                    | Kenya       | Nil                                                                                                                                                                                                                    | Freedom from soil and quarantine weed seeds                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 563. | <i>Punica granatum</i> (Pomegranate)          | (i) Fruits for consumption          | Afghanistan | Nil                                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|      |                                               | (ii) Plants (graft) for propagation | (i) USA     | Free from:<br>(a) <i>Paracoccus marginatus</i> (papaya mealybug)<br>(a) <i>Pseudococcus comstocki</i> (Comstock mealy bug)<br>(c) <i>Armillaria tabescens</i> (armillaria root rot)<br>(d) <i>Rhizobium rhizogenes</i> | (i) Commercial imports permitted subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Post-entry quarantine growing for a period of 45 days.                                                                                                                                                                                                                                                                                                                    |

|  |                                                              |                                                                                                         |             |                                                                                                                                                                                                                |                                                                                                                                                                                                   |
|--|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                                              |                                                                                                         | (ii) Europe | Free from <i>Apomyelois ceratoniae</i> (carob moth)                                                                                                                                                            | (i) Commercial imports permitted subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Post-entry quarantine growing for a period of 45 days.                           |
|  | (iii) Scion/ budwoods/ grafts/ rooted plants for propagation | (i) Afghanistan                                                                                         |             | Nil                                                                                                                                                                                                            | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine growing for 6-9 month except for research. |
|  |                                                              | (ii) Iran                                                                                               |             | Free from:<br>(a) <i>Spodoptera littoralis</i><br>(b) <i>Zeuzera pyrina</i> (Leopard moth)                                                                                                                     |                                                                                                                                                                                                   |
|  | (iv) Plants/ cuttings for propagation                        | (iii) Israel                                                                                            |             | Free From:<br>(a) <i>Apate monachus</i> (black borer)<br>(b) <i>Lobesia botrana</i> (grape berry moth)<br>(c) <i>Spodoptera littoralis</i> (cotton leafworm)<br>(d) <i>Zeuzera pyrina</i> (moth, wood leopard) | (i) Free from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months.          |
|  | (v) Cuttings/ budwoods/ plants for propagation               | (i) Yemen                                                                                               |             | Free from: <i>Spodoptera littoralis</i>                                                                                                                                                                        | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                     |
|  |                                                              | (ii) Azerbaijan<br>(iii) Georgia ( Republic)<br>(iv) Tajikistan,<br>(v) Turkmenistan<br>(vi) Uzbekistan |             | Free from:<br>a) <i>Lobesia botrana</i> (grape berry moth)<br>b) <i>Pseudococcus comstocki</i> (Comstock mealybug)                                                                                             |                                                                                                                                                                                                   |
|  |                                                              | (vii) Iran                                                                                              |             | Free from:<br>a) <i>Apomyelois ceratoniae</i><br>b) <i>Lobesia botrana</i><br>c) <i>Spodoptera littoralis</i><br>d) <i>Zeuzera pyrina</i> (leopard moth)                                                       |                                                                                                                                                                                                   |
|  |                                                              | (viii) Turkey                                                                                           |             | Free from:<br>a) <i>Lobesia botrana</i><br>b) <i>Spodoptera littoralis</i><br>c) <i>Zeuzera pyrina</i>                                                                                                         |                                                                                                                                                                                                   |
|  |                                                              | (ix) China                                                                                              |             | Free from:<br>a) <i>Pseudococcus comstocki</i><br>b) <i>Rhizobium rhizogenes</i> (gall)                                                                                                                        | (i) Freedom from soil<br>(ii) Post Entry Quarantine growing for 6-9 months                                                                                                                        |

|      |                                 |                                |                           |                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                             |
|------|---------------------------------|--------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                 |                                | (x) Thailand              | Free from:<br>a) <i>Pseudococcus comstocki</i><br>b) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>c) <i>Thosea sinensis</i> (nettle grub) | (iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                                                                                                                             |
|      |                                 |                                | (xi) Syria                | Free from:<br>a) <i>Apate monachus</i> (black borer)<br>b) <i>Lobesia botrana</i><br>c) <i>Spodoptera littoralis</i><br>d) <i>Zeuzera pyrina</i>             |                                                                                                                                                                                                                                                                                                                                                             |
| 564. | <i>Quassia amara</i> (Quassia)  | Wood without bark              | (i) Mexico<br>(ii) Brazil | Nil                                                                                                                                                          | Fumigation with Methyl bromide at 48g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/reexport                                         |
|      |                                 | Wood without bark              | (i) Mexico<br>(ii) Brazil | Nil                                                                                                                                                          | Fumigation with Methyl bromide at 48g. per cubic metre for 24 hrs. at 21°C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India. The treatments should be endorsed on Phytosanitary Certificate issued at the country of origin/reexport                                        |
| 565. | <i>Quercus</i> spp. (Maju phal) | Grains (seeds) for consumption | Iran                      | Nil                                                                                                                                                          | (i) Fumigation with Methyl bromide at 32 g. per cubic metre for 24 hrs. at 21°C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.<br>(ii) Freedom from quarantine weed seeds. |

|      |                                        |                            |                                                                  |                                                                                                                          |                                                                                                                                                                                        |
|------|----------------------------------------|----------------------------|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 566. | <i>Quercus spp.</i><br>(Oak)           | (i) Galls for consumption  | (i) Turkey                                                       | Nil                                                                                                                      | Free from soil and other plant debris.                                                                                                                                                 |
| 567. | <i>Ranunculus spp.</i><br>(Ranunculus) | (i) Seeds for sowing       | (i) Europe<br>(ii) USA                                           | Free from <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth)                                                    | Free from quarantine weed seeds.                                                                                                                                                       |
|      |                                        |                            | (iii) Japan                                                      | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth)<br>(b) Arabis mosaic virus (hop bare-bine) | Free from quarantine weed seeds.                                                                                                                                                       |
|      |                                        |                            | (iv) Netherland                                                  | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth)<br>(b) Arabis mosaic virus (hop bare-bine) | (i) Free from quarantine weed seeds and soil contamination<br>(ii) Seed crop inspection and certification for free from (a) and (b) by a competent authority at the country of origin. |
|      |                                        | (ii) Bulbs for propagation | Netherlands                                                      | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth)<br>(b) Arabis mosaic virus (hop bare-bine) | (i) Free from soil.<br>(ii) Post-entry quarantine for one growth season.                                                                                                               |
| 568. | <i>Ranunculus arvensis</i>             | Tissue culture plants      | Netherlands                                                      | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.         | Post-entry quarantine for a period of 45 days.                                                                                                                                         |
| 569. | <i>Raphanus sativus</i> (Radish)       | Seeds for sowing           | (i) Australia                                                    | Free from :<br>(a) <i>Pseudomonas viridiflava</i><br>(b) Turnip yellow mosaic virus                                      | (i) Free from quarantine weed seeds<br>(ii) Seed crop inspection and certification for free from (b) by a competent authority at the country of origin.                                |
|      |                                        |                            | (ii) Denmark<br>(iii) Hong Kong<br>(iv) Korea DPR<br>(v) Vietnam | Nil                                                                                                                      | Free from quarantine weed seeds.                                                                                                                                                       |
|      |                                        |                            | (vi) Korea ROK<br>(vii) China                                    | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato )                                              | Free from quarantine weed seeds.                                                                                                                                                       |
|      |                                        |                            |                                                                  |                                                                                                                          |                                                                                                                                                                                        |

|  |  |                                 |                 |                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                         |
|--|--|---------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |                                 | (viii) Italy    | Free from :<br>(a) <i>Pleosporum herbarum</i> (leaf blight of onion)<br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)<br>(c) Radish mosaic virus                                                                                                                                                                                  | (i) Free from quarantine weed seeds<br>(ii) Seed crop inspection and certification for Free from (c) by a competent authority at the country of origin                                                                                                                                                                                                  |
|  |  |                                 | (ix) Japan      | Free from :<br>(a) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)<br>(b) Radish mosaic virus                                                                                                                                                                                                                                           | (i) Free from quarantine weed seeds<br>(ii) Seed crop inspection and certification for free from (b) by a competent authority at the country of origin                                                                                                                                                                                                  |
|  |  |                                 | (x) New Zealand | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                                                                                                                                                                                               | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                        |
|  |  |                                 | (xi) France     | Free from:<br>(a) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)<br>(b) <i>Xanthomonas campestris</i> pv. <i>campestris</i> (black rot)                                                                                                                                                                                                | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                        |
|  |  |                                 | (xii) Chile     | Free from <i>Peridroma saucia</i> (Pearly underwing moth)                                                                                                                                                                                                                                                                                                | Freedom from quarantine weeds seeds                                                                                                                                                                                                                                                                                                                     |
|  |  |                                 | (xiii) Nepal    | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                                                                                                                                                                                               | Freedom from quarantine weeds seeds and soil contamination                                                                                                                                                                                                                                                                                              |
|  |  |                                 | (xiv) USA       | Free from:<br>(a) <i>Epitrix tuberis</i> (tuber flea beetle)<br>(b) <i>Peridroma saucia</i> (pearly underwing moth)<br>(c) <i>Pleospora herbarum</i> (leaf blight of onion)<br>(d) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato (USA))<br>(e) <i>Xanthomonas campestris</i> pv. <i>raphani</i> (leafspot.)<br>(f) Radish mosaic virus | (i) Free from quarantine weeds seeds and soil contamination.<br>(ii) Fumigation with phosphine @ 3 g/cu cm at NAP. The treatment should be endorsed on Phytosanitary certificate issued at the Country of Origin/re-export.<br>(iii) Seed crop inspection and certification for free from (e) and (f) by a competent authority at the country of origin |
|  |  | Fresh vegetable for consumption | Nepal           | (a) <i>Erysiphe cruciferarum</i> (powdery mildew of crucifers))<br>(b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato (USA))                                                                                                                                                                                                            | Free from soil and other plant debris.                                                                                                                                                                                                                                                                                                                  |

|      |                    |                                          |                                                                                                               |                                                                                                                                                                                    |                                                                                                                                                                                                                                                          |
|------|--------------------|------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 570. | <i>Raphia</i> spp. | (i) Seeds for sowing                     | Any Country                                                                                                   | Nil                                                                                                                                                                                | Free from quarantine weed seeds.                                                                                                                                                                                                                         |
|      |                    | (ii) Dried plant material for processing | (i) Madagascar<br>(ii) Philippines                                                                            | Free from <i>Oryctes monoceros</i> (coconut beetle)                                                                                                                                | Fumigation with Methyl bromide @ 32 g/cu. m at @ 21°C and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser. |
|      |                    | (ii) Plants for propagation              | Any country                                                                                                   | Nil                                                                                                                                                                                | (i) Free from soil.<br>(ii) Post entry quarantine growing for a period of 10-12 months.                                                                                                                                                                  |
| 571. | <i>Rheum</i> spp.  | Tissue cultured plants                   | (i) Africa<br>(ii) Kazakhstan                                                                                 | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from arabis mosaic nepovirus.                                                 | Nil                                                                                                                                                                                                                                                      |
|      |                    |                                          | (iii) Europe<br>(iv) USA<br>(v) Australia<br>(vi) New Zealand<br>(vii) Turkey<br>(viii) Canada                | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Arabis mosaic nepovirus<br>(b) Cherry leaf roll nepovirus         | Nil                                                                                                                                                                                                                                                      |
|      |                    |                                          | (ix) China                                                                                                    | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from cherry leaf roll nepovirus                                               | Nil                                                                                                                                                                                                                                                      |
|      |                    |                                          | (x) Japan                                                                                                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Arabis mosaic nepovirus<br>(b) Rhubarb temperate alphacryptovirus | Nil                                                                                                                                                                                                                                                      |
|      |                    |                                          | (xi) Any country except Europe, USA, Australia, New Zealand, Turkey, Canada, Africa, Kazakastan, Japan, China | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                   | Nil                                                                                                                                                                                                                                                      |
|      |                    |                                          |                                                                                                               |                                                                                                                                                                                    |                                                                                                                                                                                                                                                          |



|      |                                   |                                                            |                                               |                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                           |
|------|-----------------------------------|------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 572. | <i>Rheum rhabarbarum</i>          | Frozen fruits for consumption                              | Poland                                        | Free from:<br>(a) <i>Ametastegia</i><br>(b) <i>Peridroma saucia</i> (pearly underwing moth)<br>(c) <i>Pectobacterium rhapontici</i> (rhubarb crown rot)<br>(d) Turnip mosaic virus (cabbage A virus mosaic)                                                                                                                                                           | (i) Free from any plant debris.<br>(ii) Fumigation with Methyl bromide @ 32 g/cu.m for 2 hrs at 21°C and above under NAP before processing/freezing of fruits and the treatment be endorsed on phytosanitary certificate. |
| 573. | <i>Rhododendron</i> spp.          | Tissue cultured plants                                     | (i) USA                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from rhododendron necrotic ringspot virus                                                                                                                                                                                                                        | Nil                                                                                                                                                                                                                       |
|      |                                   |                                                            | (ii) Any country except USA                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                                                                       | Nil                                                                                                                                                                                                                       |
| 574. | <i>Ribes</i> spp.<br>(Gooseberry) | Fresh vegetable for consumption                            | Thailand                                      | Nil                                                                                                                                                                                                                                                                                                                                                                   | Freedom from soil.                                                                                                                                                                                                        |
| 575. | <i>Ribes nigrum</i>               | Frozen Black currants for consumption                      | France                                        | Nil                                                                                                                                                                                                                                                                                                                                                                   | Free from any plant debris.                                                                                                                                                                                               |
| 576. | <i>Ribes rubrum</i>               | Frozen Red currants for consumption                        | Poland                                        | Nil                                                                                                                                                                                                                                                                                                                                                                   | Free from any plant debris.                                                                                                                                                                                               |
| 577. | <i>Ricinus communis</i> (Castor)  | Seeds for sowing                                           | (i) Nepal<br>(ii) Serbia<br>(iii) Herzigovina | Nil                                                                                                                                                                                                                                                                                                                                                                   | Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                 |
|      |                                   |                                                            | (iv) USA                                      | Free from <i>Rhizobium rhizogenes</i> (gall)                                                                                                                                                                                                                                                                                                                          | Freedom from soil and quarantine weed seeds                                                                                                                                                                               |
| 578. | <i>Rosa</i> spp. (Rose)           | Rooted cuttings/<br>Grafts/ Bud wood/Saplings for planting | Any Country                                   | Free from:<br>(a) Crown gall ( <i>Agrobacterium tumefaciens</i> )<br>(b) Hairy root ( <i>A. rhizogenes</i> )<br>(c) Brand canker ( <i>Coniothyrium wernsdorffiae</i> )<br>(d) Brown canker ( <i>Cryptosporella umbrina</i> )<br>(e) Downy mildew ( <i>Peronospora sparsa</i> )<br>(f) Rust ( <i>Phragmidium</i> spp.)<br>(g) Rose streak virus<br>(h) Rose wilt virus | (i) Post-entry quarantine for a period of 18 months except budding for 90 days<br>(ii) Free from soil for rooted cuttings.                                                                                                |

|      |                                                     |                                      |                                                          |                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                               |
|------|-----------------------------------------------------|--------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 579. | <i>Rosmarinus officinalis</i><br>(Rosemary)         | (i) Plants for propagation           | Israel                                                   | Nil                                                                                                                                                                           | Post-entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                                                                |
|      |                                                     | (ii) Seeds for sowing                | France                                                   | Free from <i>Helix aspersa</i> (common snail)                                                                                                                                 | Free from quarantine weed seeds and soil contamination.”                                                                                                                                                                                                                                                                                                      |
| 580. | <i>Rotalla rotundifolia</i>                         | (i) Plants for propagation           | Japan                                                    | Nil                                                                                                                                                                           | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 60 days.                                                                                                                                                                                                                                                             |
|      |                                                     | (ii) Tissue culture plants           | Japan                                                    | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                           | Nil                                                                                                                                                                                                                                                                                                                                                           |
| 581. | <i>Rubus idaeus</i> (Vilamete raspberries)          | Frozen fruits for consumption        | Serbia                                                   | Nil                                                                                                                                                                           | Free from any plant debris                                                                                                                                                                                                                                                                                                                                    |
| 582. | <i>Rudbeckia</i> spp.<br>(Black eyed susan)         | Seeds for sowing                     | (i) Taiwan<br>(ii) USA<br>(iii) Russia                   | Nil                                                                                                                                                                           | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                              |
| 583. | <i>Rumohra adiantiformis</i><br>(Leather leaf fern) | (i) Tissue cultured plants           | Israel                                                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                               | Nil                                                                                                                                                                                                                                                                                                                                                           |
|      |                                                     | (ii) Rhizome/ Plants for propagation | (i) Israel<br>(ii) South Africa<br>(iii) The Netherlands | Nil                                                                                                                                                                           | Post-entry quarantine growing for a period of 45 days.<br>Freedom from soil.                                                                                                                                                                                                                                                                                  |
| 584. | <i>Ruscus aculeatus</i>                             | Plants for propagation               | South Africa                                             | Nil                                                                                                                                                                           | (i) Post entry quarantine for a growing period of 4-6 months.<br>(ii) Free from soil                                                                                                                                                                                                                                                                          |
| 585. | <i>Salix</i> spp. (Willows)                         | (i) Wooden logs with bark/clefts     | Europe                                                   | Free from:<br>(a) <i>Saperda carcharias</i><br>(greater poplar longhorn)<br>(b) <i>Saperda populnea</i><br>(poplar borer)<br>(c) <i>Zeuzera pyrina</i><br>(wood leopard moth) | (i) Fumigation with Methyl bromide at 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent there of or heat treatment at 56°C for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |

|  |  |                                                               |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                     |
|--|--|---------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|  |  | (ii) Cuttings/<br>grafts/ rooted<br>plants for<br>propagation | (i) Germany | Free from:<br>(a) <i>Adoxophyes orana</i> (fruit tortrix)<br>(b) <i>Ametastegia</i><br>(c) <i>Cryptorhynchus lapathi</i><br>(d) <i>Euproctis chrysorrhoea</i> (tail moth)<br>(e) <i>Malacosoma neustria</i><br>(f) <i>Operophtera brumata</i> (winter moth)<br>(g) <i>Orgyia antiqua</i> (tussock moth)<br>(h) <i>Orthosia cerasi</i> (common quaker)<br>(i) <i>Otiorhynchus armadillo</i><br>(j) <i>Peridroma saucia</i> (pearly moth)<br>(k) <i>Rabdophaga saliciperda</i> (gall midge)<br>(l) <i>Saturnia pavonia</i> (small moth)<br>(m) <i>Saturnia pyri</i> (giant moth)<br>(n) <i>Scolytus intricatus</i> (bark beetle)<br>(o) <i>Thrips angusticeps</i> (field thrips)<br>(p) <i>Tremex fuscicornis</i> (Tremex wasp)<br>(q) <i>Xyleborus dispar</i> (ambrosia beetle)<br>(r) <i>Phellinus igniarius</i><br>(s) <i>Xanthomonas populi</i> | (i) Freedom from soil<br>(ii) Post-entry quarantine growing<br>for 6-9 month except for<br>research |
|  |  |                                                               | (ii) USA    | Free from:<br>(a) <i>Adoxophyes orana</i> (fruit tortrix)<br>(b) <i>Ametastegia</i><br>(c) <i>Cryptorhynchus lapathi</i><br>(d) <i>Euproctis chrysorrhoea</i> (tail moth)<br>(e) <i>Malacosoma neustria</i><br>(f) <i>Operophtera brumata</i> (winter moth)<br>(g) <i>Orgyia antiqua</i> (tussock moth)<br>(h) <i>Orthosia cerasi</i> (common quaker)<br>(i) <i>Peridroma saucia</i> (pearly moth)<br>(j) <i>Rabdophaga saliciperda</i> (gall midge)<br>(k) <i>Saturnia pavonia</i> (small moth)<br>(l) <i>Scolytus intricatus</i> (bark beetle)<br>(m) <i>Thrips angusticeps</i> (field thrips)<br>(n) <i>Xyleborus dispar</i> (ambrosia beetle)<br>(o) <i>Eutypa lata</i> (Eutypa dieback)<br>(p) <i>Phellinus igniarius</i><br>(q) <i>Phymatotrichopsis omnivora</i><br>(r) <i>Taphrina populina</i><br>(s) <i>Xanthomonas populi</i>          | (i) Freedom from soil<br>(ii) Post-entry quarantine growing<br>for 6-9 month except for<br>research |

|      |                                  |                              |                                                                                   |                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                               |
|------|----------------------------------|------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 586. | <i>Salvia spp.</i>               | (i) Seeds for sowing         | Guatemala                                                                         | Free from:-<br>(a) <i>Lygus lineolaris</i> (tarnished plant bug)<br>(b) <i>Peridroma saucia</i> (pearly underwing moth)<br>(c) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealy bug) | Free from quarantine weeds seeds and soil                                                                                                                                                                                                                                                                                                                     |
|      |                                  | (ii) Tissue culture plants   | (i) Australia                                                                     | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from Nerine latent virus.                                                                | Nil.                                                                                                                                                                                                                                                                                                                                                          |
|      |                                  |                              | (ii) Costa Rica<br>(iii) USA                                                      | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                          | Nil.                                                                                                                                                                                                                                                                                                                                                          |
| 587. | <i>Salvia divinorum</i>          | Dried leaves for consumption | Mexico                                                                            | Free from:<br>(a) <i>Lygus lineolaris</i> (tarnished plant bug)<br>(b) <i>Peridroma saucia</i> (pearly underwing moth)                                                                       | (i) Free from soil and other plant debris.<br>(ii) Fumigation with Methyl bromide at 32g. per cubic metre for 24 hrs. At 21°C and above orequivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 588. | <i>Salvia hispanica</i>          | Seeds for sowing             | Australia                                                                         | Nil                                                                                                                                                                                          | Free from quarantine weeds seeds and soil                                                                                                                                                                                                                                                                                                                     |
| 589. | <i>Salvia officinalis</i> (Sage) | (i) Seeds for sowing         | (i) Denmark<br>(ii) Netherlands<br>(iii) France                                   | Nil                                                                                                                                                                                          | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                              |
|      |                                  | (ii) Plants for propagation  | Israel                                                                            | Free from:<br>(a) <i>Peridroma saucia</i> (Pearly underwing)<br>(b) <i>Spodoptera littoralis</i> (Cotton leafworm)                                                                           | Post-entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                                                                |
| 590. | <i>Salvia splendens</i> (Salvia) | Seeds for sowing             | (i) Europe<br>(ii) USA<br>(iii) Taiwan<br>(iv) Russia<br>(v) Japan<br>(vi) Israel | Nil                                                                                                                                                                                          | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                              |

|      |                                   |                                  |                 |                                                                                                                                                                                                               |                                                                                                                                                                                         |
|------|-----------------------------------|----------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                   |                                  | (vii) Australia |                                                                                                                                                                                                               |                                                                                                                                                                                         |
| 591. | <i>Sandoricum koetjape</i>        | Plants/ cuttings for propagation | Israel          | Nil                                                                                                                                                                                                           | (i) Free from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii) Post entry quarantine for a growing period of 6-9 months. |
| 592. | <i>Sansevieria</i> spp.           | (i) Plants for propagation       | (i) USA         | Free from:<br>(a) <i>Hercinothrips femoralis</i> (banded greenhouse thrips)<br>(b) <i>Opogona sacchari</i> (banana moth)<br>(c) <i>Otiorhynchus sulcatus</i> (vine weevil)<br>(d) <i>Hoplolaimus galeatus</i> | Post-entry quarantine growing for a period of 45 days.                                                                                                                                  |
|      |                                   |                                  | (ii) Europe     | Free from <i>Opogona sacchari</i> (banana moth)                                                                                                                                                               | Post-entry quarantine growing for a period of 45 days.                                                                                                                                  |
|      |                                   |                                  | (iii) Malaysia  | Free from <i>Otiorhynchus sulcatus</i> (vine weevil)                                                                                                                                                          | Post-entry quarantine growing for a period of 45 days.                                                                                                                                  |
|      |                                   | (ii) Tissue cultured plants      | Any Country     | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from viruses.                                                                                                 | Nil                                                                                                                                                                                     |
| 593. | <i>Santalum</i> spp. (Sandalwood) | Seeds for sowing                 | Australia       | Nil                                                                                                                                                                                                           | Free from quarantine weed seeds.                                                                                                                                                        |
| 594. | <i>Sarosonia</i> spp.             | Tissue cultured plants           | Any Country     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                              | Nil                                                                                                                                                                                     |
| 595. | <i>Saussurea lappa</i> (Kuth)     | Dried roots for consumption      | China           | Nil                                                                                                                                                                                                           | Free from soil and other plant debris.                                                                                                                                                  |
| 596. | <i>Scabiosa</i>                   | Tissue culture plants            | Netherlands     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                              | Nil                                                                                                                                                                                     |
| 597. | <i>Schefflera</i> spp. (Brassia)  | Tissue cultured plants           | Any Country     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                              | Nil                                                                                                                                                                                     |
|      |                                   | Plants for propagation           | Asia            | Nil                                                                                                                                                                                                           | Post-entry quarantine for a period of 45 days.                                                                                                                                          |

|      |                                                      |                                |                                                                                                          |                                                                                                                                                                                                       |                                                   |
|------|------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 598. | <i>Schinus terebinthifolius</i><br>(Baie rose bresi) | Fruits for consumption purpose | Brazil, Europe                                                                                           | Nil                                                                                                                                                                                                   | Free from soil and other plant debris             |
| 599. | <i>Schizanthus</i> spp.<br>(Schizanthus)             | Seeds for sowing               | (i) France<br>(ii) UK<br>(iii) Germany<br>(iv) Netherlands<br>(v) Denmark<br>(vi) USA<br>(vii) Australia | Nil                                                                                                                                                                                                   | Free from quarantine weed seeds.                  |
| 600. | <i>Scholtzia involucrate</i>                         | Tissue culture plants          | Australia                                                                                                | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                   | Nil                                               |
| 601. | <i>Sclerocarrya birrea</i>                           | Seeds for sowing               | Kenya                                                                                                    | Nil                                                                                                                                                                                                   | Freedom from quarantine weed seeds                |
| 602. | <i>Senecio</i> spp.<br>(Senecio)                     | (i) Seeds for sowing           | (i) Europe<br>(ii) USA<br>(iii) Japan                                                                    | Nil                                                                                                                                                                                                   | Free from quarantine weed seeds.                  |
|      |                                                      | (ii) Plants for propagation    | Japan                                                                                                    | Free from:<br>(a) Beet western yellow virus<br>(b) Chrysanthemum virus B                                                                                                                              | Post entry quarantine growing for 45 days period. |
|      |                                                      | (iii) Tissue cultured plants   | (i) USA                                                                                                  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Bidens mottle potyvirus<br>(b) Tomato spotted wilt virus<br>(c) Tobacco mosaic virus | Nil                                               |
|      |                                                      |                                | (ii) New Zealand                                                                                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from potato virus Y                                                                              | Nil                                               |
|      |                                                      |                                | (iii) Japan                                                                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from arabis mosaic nepovirus.                                                                    | Nil                                               |
|      |                                                      |                                | (iv) Eurasian region                                                                                     | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from beet mild yellowing luteovirus.                                                             | Nil                                               |
|      |                                                      |                                | (v) Germany<br>(vi) Scotland                                                                             | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from elm mottle virus.                                                                           | Nil                                               |

|      |                               |                                      |                                                                                       |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                |
|------|-------------------------------|--------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                               |                                      | (vii) Any country except USA, New Zealand, Japan, Eurasian region, Germany, Scotland  | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil                                                                                                                                                                                                                                                                                                                                                                            |
| 603. | <i>Senna siamea</i> (Cassia)  | Plants for propagation               | (i) Asia<br>(ii) USA                                                                  | Nil                                                                                                             | Post entry quarantine growing for 45 days period.                                                                                                                                                                                                                                                                                                                              |
| 604. | <i>Sesamum</i> spp. (Sesamum) | Grains (seeds) for consumption       | (i) Somalia<br>(ii) Sudan<br>(iii) Senegal and (iv) African countries<br>(v) Pakistan | Nil                                                                                                             | (i)Fumigation with Methyl bromide at 16 g. per cubic metre for 24 hrs. at 21°C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.<br>(ii) Free from quarantine weed seeds and soil contamination. |
|      |                               |                                      | (vi)Bangladesh<br>(vii)Mexico                                                         | Nil                                                                                                             | (i) Free from quarantine weed seeds and soil contamination.<br>(ii) Methyl Bromide fumigation @ 16 g/m <sup>3</sup> for 24 hrs at 21°C and above or equivalent or any other treatment approved by the Plant Protection Adviser.<br>The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/re-export.                                    |
|      |                               | Germplasm material for research only | (i) USA<br>(ii) Netherlands                                                           | Nil                                                                                                             | (i) Freedom from quarantine weed seeds<br>(ii)Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iii)Crop inspection for freedom from quarantine weed seeds                                                                                                                                                                         |

|      |                                                |                                     |           |                                                                                                                           |                                                                                                                                                                                                                                                                                                                    |
|------|------------------------------------------------|-------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 605. | <i>Sesbania cannabina</i>                      | Seeds for sowing                    | Pakistan  | Nil                                                                                                                       | Freedom from quarantine weed seeds, soil and any plant debris                                                                                                                                                                                                                                                      |
| 606. | <i>Sesbania sesban</i><br><i>Sesbania</i> spp. | Seeds for sowing                    | Kenya     | Nil                                                                                                                       | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                 |
| 607. | <i>Setaria glauca</i> , <i>S. italica</i>      | Germplasm material for reseach only | (i) China | Nil                                                                                                                       | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                                                 |
|      |                                                |                                     | (ii) USA  | Free from:<br>(a) Foxtail mosaic virus<br>(b) Wheat streak mosaic virus                                                   | (i) Freedom from soil and plant debris<br>(ii) Post- entry quarantine growing for 2-3 months<br>(iii) Crop inspection and certification for freedom from <i>Wheat streak mosaic virus</i> and <i>Foxtail mosaic virus</i>                                                                                          |
| 608. | <i>Shorea laevis</i>                           | Wood without bark                   | Indonesia | (a) <i>Coptotermes curvignathus</i> (rubber termite)<br>(b) <i>Xyleborus pseudopilifer</i><br>(c) <i>Xylosandrus ater</i> | Fumigation with Methyl bromide at 48g per cubic metre for 24 hrs at 21°C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India. The treatments should be endorsed on Phytosanitary Certificate issued at the country of origin/reexport |
| 609. | <i>Silene</i> spp.<br>(Campion)                | Tissue cultured plants              | USA       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from viruses.        | Nil                                                                                                                                                                                                                                                                                                                |
| 610. | <i>Silybum marianum</i><br>(Milk Thistle)      | Seeds for sowing                    | USA       | Nil                                                                                                                       | Freedom from quarantine weeds seeds.                                                                                                                                                                                                                                                                               |



|      |                                                       |                                                                       |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                       |
|------|-------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 611. | <i>Sinningia</i> spp.<br>(Gloxinia)                   | (i) Seeds for sowing                                                  | (i) Asia<br>(ii) Europe<br>(iii) USA | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                                      |
|      |                                                       | (ii) Tissue cultured plants                                           | Germany                              | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                                                                                                                                                                                              | Nil                                                                                                                                                                                                                                                                                                                                                                                   |
| 612. | <i>Sisymbrium irio</i>                                | Seeds for Medicinal purpose                                           | China                                | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Free from quarantine weed seeds and other plant debris.                                                                                                                                                                                                                                                                                                                               |
| 613. | <b>Small fruit plant species:</b>                     |                                                                       |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                       |
|      | (a) Blue berry and Cranberry ( <i>Vaccinium</i> spp.) | (i) Cuttings Rooted/unrooted / Grafts/Bud wood/Saplings for planting. | Any Country                          | Free from:<br>(a) Leaf rust ( <i>Pucciniastrum myrtili</i> )<br>(b) Red leaf ( <i>Exobasidium vaccinii</i> )<br>(c) Red gall ( <i>Synchytrium vaccinii</i> )<br>(d) Witches' broom ( <i>Pucciniastrum goeppertianum</i> )<br>(e) Straw berry weevils ( <i>Anthonomus signatus</i> and <i>A. bisignifer</i> )<br>(f) Blue berry viruses viz., blue berry mosaic, shoe-string, red (necrotic) ring spot, leaf mottle, peach rosette and tomato ring spot<br>(g) Phytoplasmas (blueberry stunt, witches' broom and cranberry false blossom) | (i) Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture<br>(ii) Post-entry quarantine for a period of 9-12 months;<br>(iii) Free from soil<br>(iv) Dormant cuttings shall be appropriately treated or fumigated at the country of origin prior to shipment and the treatment shall be endorsed on phytosanitary certificate. |
|      |                                                       | (ii) Seeds for sowing                                                 | Any Country                          | Free from:<br>(a) Mummy berry ( <i>Monilia vacciniicorymbasi</i> )<br>(b) viruses affecting blueberry and cranberry as per item (f) above.                                                                                                                                                                                                                                                                                                                                                                                               | As per conditions (i) and (ii) stated above.                                                                                                                                                                                                                                                                                                                                          |
|      |                                                       | (iii) Tissue cultured plants                                          | Any Country                          | Certified that the tissue-cultured plants are obtained from mother stock tested/indexed and maintained virus-free.                                                                                                                                                                                                                                                                                                                                                                                                                       | As per condition (i) stated above.                                                                                                                                                                                                                                                                                                                                                    |

|  |  |                                  |            |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--|--|----------------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | (iv) Fresh fruit for consumption | (i) Canada | Free from:-<br>(i) <i>Grapholita packardi</i> (Cherry fruitworm)<br>(ii) <i>Rhagoletis mendax</i> (Blueberry fruit fly)<br>(iii) <i>Spodoptera frugiperda</i> (Fall armyworm)<br>(v) <i>Diaporthe vaccinii</i> (Phomopsis twig blight of blueberry)<br>(v) Peach rosettemosaic virus (rosette mosaic of peach)<br>(vi) Tomato ringspotvirus (ringspot of tomato) | Pest free status for <i>Rhagoletis mendax</i> (blueberry fruit fly) as per international standards Or<br>(a) MB fumigation @ 32g/cubic metre for 2 hrs at 21 deg. C or above at NAP or equivalent thereof against Blueberry fruit fly. Or (b) Pre-shipment cold treatment at 0 deg. C or below for 10 days; 0.55 °C or below for 11 days; 1.1 °C or below for 12 days plus intransit refrigeration against Blueberry fruit fly. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
|  |  |                                  | (ii) Chile | Free from:-<br>(a) <i>Spodoptera eridania</i> (Southern armyworm)<br>(b) <i>Spodoptera frugiperda</i> (Fall armyworm)<br>(c) <i>Diaporthe vaccinii</i> (Phomopsis twig blight of blueberry)<br>(d) Tomato ringspotvirus (ringspot of tomato)                                                                                                                     | (a) Fumigation with MBr @ 32 g/cu. m for 2 hrs @ 21°C and above or equivalent thereof or any other treatment duly approved by the Plant Protection Adviser to the Govt. of India. The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/ re-export.                                                                                                                                                                                                                                              |

|  |  |  |                 |                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--|--|--|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (iii) Australia | <p>Free from:</p> <ul style="list-style-type: none"> <li>a) <i>Aspidiotus nerii</i> (Aucuba scale)</li> <li>b) <i>Bactrocera tryoni</i> (Queensland fruit fly)</li> <li>c) <i>Guignardia vaccinii</i> (Berry speckle)</li> <li>d) <i>Pseudomonas viridiflava</i> ( Bacterial leaf blight of tomato (USA))</li> </ul> | <ul style="list-style-type: none"> <li>i. Pest free area status for <i>Bactrocera tryoni</i> (Queensland fruit fly) as per international standards; or</li> <li>ii. MBr fumigation @ 32 g/ m<sup>3</sup> for 2 hrs at 21°C or above under NAP; or MBr fumigation @ 32 g/ m<sup>3</sup> for 3<sup>1</sup>/<sub>2</sub> hrs at 15°C or above under NAP; or equivalent thereof against Queensland fruit fly; or</li> <li>iii. Pre shipment cold treatment at 0°C or below for 13 days or greater; 0.55°C or below for 14 days or greater; 1.1°C or below for 18 days or greater or in-transit cold treatment at 0°C or below for 13 days or greater; 0.55°C or below for 14 days or greater; 1.1°C or below for 18 days or greater against Queensland fruit fly</li> </ul> <p>The treatment should be endorsed on Phytosanitary Certificate issued at the country of Origin/ re-export.</p> |
|--|--|--|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|  |                                                 |                                                           |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|-------------------------------------------------|-----------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                                 | (v) Fresh and dry fruits                                  | USA         | Free from:-<br>(a) <i>Grapholita packardi</i> (Cherry fruitworm)<br>(b) <i>Rhagoletis mendax</i> (blueberry fruit fly)<br>(c) <i>Spodoptera eridania</i> (southern armyworm)<br>(d) <i>Spodoptera frugiperda</i> (fall armyworm)<br>(e) <i>Diaporthe vaccinii</i> (Phomopsis twig blight of blueberry)<br>(f) Peach rosette mosaic virus (rosette mosaic of peach)<br>(g) Tomato ringspot virus (ringspot of tomato)                                                                                             | Pest Free status for <i>Rhagoletis mendax</i> (blueberry fruit fly) as per international standards Or (a) Methyl Bromide fumigation @ 32g/ cubic metre for 2 hrs at 21 deg. C or above at NAP or equivalent thereof against Mediterranean fruit fly. Or (b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1 °C or below for 12 days plus intransit refrigeration against Mediterranean fruit fly and 0°C or below for 13 days; 0.55 °C or below for 14 days; 1.1 °C or below for 18 days. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 371 |
|  | (b) Gooseberry and Currants ( <i>Ribes</i> spp) | (i) Cuttings Rooted/un-rooted)/Bud wood/ Grafts/ Saplings | Any Country | Free from:<br>(a) American (gooseberry) mildew ( <i>Sphaerotheca morsuvae</i> )<br>(b) European (gooseberry) mildew ( <i>Microsphaeria grassulariae</i> )<br>(c) Leaf spot (Anthracnose) ( <i>Pseudopeziza ribis</i> )<br>(d) Cluster cup rust ( <i>Puccinia pringsheimiana</i> )<br>(e) Black pustule ( <i>Plowrightia ribesia</i> )<br>(f) Cane blight ( <i>Botryosphaeria ribris</i> )<br>(g) Viruses viz., black current reversion, gooseberry vein banding, arabis mosaic, and strawberry latent ring spot. | (i) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Post-entry quarantine for a period of 9-12 months.<br>(iii) Free from soil<br>(iv) Dormant cuttings shall be appropriately fumigated or treated at the country of origin and the treatment shall be endorsed on phytosanitary certificate.                                                                                                                                                                                                                                                                                                |
|  |                                                 | (ii) Seeds for sowing                                     | Any Country | Free from seed-borne viruses such as raspberry ring spot, arabis mosaic and strawberry latent ring spot.                                                                                                                                                                                                                                                                                                                                                                                                         | As per condition (i) and (ii).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|  |                                                 | (iii) Tissue cultured plants                              | Any Country | Certified that the tissue-cultured plants are obtained from mother stock tested/indexed and maintained virus-free.                                                                                                                                                                                                                                                                                                                                                                                               | As per condition (i).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

|  |                                         |                                                              |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                   |
|--|-----------------------------------------|--------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | (c) Raspberry ( <i>Rubus</i> spp.)      | (i) Cuttings Rooted/un-rooted)/ Bud wood / Grafts/ Saplings. | Any Country | Free from:<br>(a) Crown gall ( <i>Agrobacterium tumefaciens</i> )<br>(b) Hairy root ( <i>A. rhizogenes</i> )<br>(c) Rusts ( <i>Gymnoconia nitens</i> , <i>Kuehneola uredinalis</i> , <i>Phragmedium bulbosum</i> , <i>P. rubi-idaeli</i> , <i>P. violacearum</i> and <i>Pucciniastrum americanum</i> )<br>(d) Downy mildew ( <i>Peronospora rubi</i> )<br>(e) Straw berry weevils ( <i>Anthonomus signatus</i> and <i>A. bisignifer</i> )<br>(f) Viruses such as leaf mottle, leaf spot, bushy dwarf, leaf curl, raspberry (black) necrosis, vein chlorosis and yellow dwarf, arabis mosaic and straw berry shoestring.                                       | (i) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Post-entry quarantine for a period of 9-12 months.<br>(iii) Free from soil<br>(iv) Dormant cuttings shall be appropriately fumigated or treated at the country of origin and the treatment shall be endorsed on phytosanitary certificate. |
|  |                                         | (ii) Seeds for sowing                                        | Any Country | Free from seed-borne viruses such as raspberry ring spot, arabis mosaic and straw berry latent ring spot.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | As per condition (i) and (ii).                                                                                                                                                                                                                                                                                                                    |
|  |                                         | (iii) Tissue cultured plants                                 | Any Country | Certified that the tissue-cultured plants are obtained from mother stock tested/indexed and maintained virus-free.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | As per condition (i).                                                                                                                                                                                                                                                                                                                             |
|  | (d) Straw berry ( <i>Fragaria</i> spp.) | (i) Stem (runner) cuttings (rooted/un-rooted) for planting.  | Any Country | Free from:<br>(a) Phomopsis blight ( <i>Phomopsis obscurens</i> )<br>(b) Red stele ( <i>Phytophthora fragariae</i> )<br>(c) Crown rot ( <i>Phytophthora cactorum</i> )<br>(d) Angular leaf spot ( <i>Xanthomonas fragariae</i> )<br>(e) American dagger nematode ( <i>Xiphinema americanum</i> )<br>(f) Leaf blotch ( <i>Gnomonia fragariae</i> )<br>(g) Straw berry weevils ( <i>Anthonomus signatus</i> and <i>A. bisignifer</i> )<br>(h) Straw berry viruses viz., vein banding, crinkle leaf (rhabdovirus), mild yellow edge, latent ring spot (nepovirus), latent C.<br>(i) Aster yellows, straw berry green petal, phyllody and yellows (phytoplasmas). | (i) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Post-entry quarantine for a period of 9-12 months.<br>(iii) Free from soil<br>(iv) Dormant cuttings shall be appropriately fumigated or treated at the country of origin and the treatment shall be endorsed on phytosanitary certificate. |
|  |                                         | (ii) Seeds for sowing                                        | Any Country | Free from seed-borne viruses such as arabis mosaic, raspberry ring spot and straw berry latent ring spot.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | The above condition at (i) and (ii)                                                                                                                                                                                                                                                                                                               |
|  |                                         | (iii) Tissue-cultured plants for planting                    | Any Country | Certified that tissue-cultured plants are obtained from mother stock indexed/tested and maintained virus-free.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The above condition at (i)                                                                                                                                                                                                                                                                                                                        |

|      |                                                                                                                                                                                                                                                                                              |                                                           |                         |                                                                                                              |                                                                                                                                             |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 614. | i. Soil                                                                                                                                                                                                                                                                                      | In any form (for research purpose)                        | Any country             | Free from: insect pests, nematodes, microbes and quarantine weed seeds                                       | (i) Dry heat at 121 ° C (core temp.) for two hours or<br>(ii) Steam heat (autoclave) at 121 ° C for 30 minutes at 15 <i>psi</i>             |
|      | ii. Growing media (with soil, peat or other organic materials)                                                                                                                                                                                                                               | In any form (with or without plant)                       |                         | Free from: insect pests, nematodes, microbes and quarantine weed seeds                                       | Steam heat (autoclave) at 121 ° C for 30 minutes at 15 <i>psi</i>                                                                           |
|      | iii. Sand                                                                                                                                                                                                                                                                                    | In any form (for non-agricultural purpose)                |                         | Free from: insect pests, nematodes, microbes quarantine weed seeds and organic matter like plant debris etc. | Nil                                                                                                                                         |
|      | iv. Peat or sphagnum moss                                                                                                                                                                                                                                                                    | In any form                                               |                         | Free from: insect pests, nematodes, microbes, quarantine weed, soil                                          | (i) Steam heat (autoclave) at 121 ° C for 30 minutes at 15 <i>psi</i> or<br>(ii) Peat should be excavated beneath 2 meter from the surface. |
|      | (v) Similar materials: inorganic soil additives, Leonardite, Lignite, Pure sand (Silica, Zircon, Quartz etc.), Pure clay like Kaolin etc., Rock aggregates and Gravel, Volcanic, Pumice, Chalk, Rock salt, Diatomaceous earth, All kinds of ore, Vermiculite, Perlite, Gypsum, Geolite etc., | In any form (for industrial and non agricultural purpose) |                         | Nil                                                                                                          | Free from organic matter like plant debris etc.                                                                                             |
|      | (vi) Stone                                                                                                                                                                                                                                                                                   | Aggregates/ dust (for non-agricultural purpose)           | Nepal                   | Free from: Organic matter like plant debris etc.                                                             | Nil                                                                                                                                         |
| 615. | <i>Solanum quitoense</i> (Naranjilla)                                                                                                                                                                                                                                                        | Germplasm material for research only                      | (i) Spain               | Nil                                                                                                          | (i) Freedom from soil and quarantine weed seeds                                                                                             |
|      |                                                                                                                                                                                                                                                                                              |                                                           | (ii) Italy<br>(iii) USA | Free from <i>Globodera tabacum</i>                                                                           |                                                                                                                                             |
| 616. | <i>Solanum melongena</i> (Brinjal/ Eggplant/ Aubergine)                                                                                                                                                                                                                                      | (i) Seeds for sowing                                      | (i) China               | Free from <i>Pythium spinosum</i> (root rot)                                                                 | (i) Free from soil contamination.<br>(ii) Free from quarantine weed seeds.                                                                  |

|      |                                      |                                 |                                                                 |                                                                                                                                                                                                           |                                                                                                                                                                                                                         |
|------|--------------------------------------|---------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                      |                                 | (ii) Europe                                                     | Free from:<br>(a) Pepino mosaic virus<br>(b) Tomato bushy stunt virus ( <i>Lycopersicon</i> virus 4)<br>(c) Tomato black ring nephovirus                                                                  | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from (a), (b) and (c)                                                                                                           |
|      |                                      |                                 | (iii) Japan<br>(iv) Vietnam<br>(v) Philippines<br>(vi) Thailand | Nil                                                                                                                                                                                                       | Free from quarantine weed seeds.                                                                                                                                                                                        |
|      |                                      |                                 | (vii) USA                                                       | Free from Tomato bushy stunt virus ( <i>lycopersicon</i> virus 4)                                                                                                                                         | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from tomato bushy stunt virus.                                                                                                  |
|      |                                      |                                 | (viii) Jordan<br>(ix) Israel                                    | Free from:<br>(a) <i>Peronospora hyoscyami</i> f. sp. <i>tabacina</i> (angular tobacco leaf spot)<br>(b) Eggplant mottled dwarf virus (hibiscus vein yellowing virus)                                     | (i) Free from quarantine weeds seeds.<br>(ii) Crop inspection and certification for Free from eggplant mottled dwarf virus.                                                                                             |
|      |                                      |                                 | (i) Russia<br>(ii) Taiwan                                       | Free from:<br>(a) <i>Peronospora hyoscyami</i> f.sp. <i>tabacina</i><br>(b) <i>Pepino mosaic virus</i><br>(c) <i>Tomato bushy stunt virus</i>                                                             | (i) Freedom from quarantine weed seeds<br>(ii) Post- entry quarantine growing for 2-3 months<br>(iii) Crop inspection and certification for freedom from <i>Pepino mosaic virus</i> and <i>Tomato bushy stunt virus</i> |
|      |                                      | (ii) Vegetables for consumption | Thailand                                                        | Free from:<br>(a) <i>Bactrocera papayae</i> (papaya fruit fly)<br>(b) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)<br>(c) <i>Tetranychus marianae</i><br>(d) <i>Tetranychus truncatus</i> | Pest-free area status for papaya fruit fly ( <i>Bactrocera papayae</i> ) as per international standards.                                                                                                                |
| 617. | <i>Solanum muricatum</i><br>(Pepino) | (i) Seeds for sowing            | (i) Italy<br>(ii) Spain<br>(iii) USA                            | Nil                                                                                                                                                                                                       | Freedom from quarantine weed seeds                                                                                                                                                                                      |
|      |                                      | (ii) Cuttings                   |                                                                 |                                                                                                                                                                                                           | (i) Freedom from soil<br>(ii) Post entry quarantine for one growth season except for research                                                                                                                           |

|      |                                   |                                              |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------|-----------------------------------|----------------------------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                   | (iii) Plants/<br>Cuttings for<br>propagation | (iv) Israel   | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (i) Free from soil.<br>(ii) Post entry quarantine for one<br>growth season except for<br>research                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 618. | <i>Solanum tuberosum</i> (Potato) | (i) Tubers<br>for consumption                | (i) Egypt     | Free from:<br>a. <i>Phoma exigua</i> var. <i>foveata</i> (Gangrene)<br>b. <i>Phytophthora cryptogea</i> (tomato foot rot)<br>c. Potato Spindle Tuber Viroid (PSTVd)<br>d. <i>Pratylenchus goodeyi</i> (banana lesion nematode)                                                                                                                                                                                                                                                                                                                                                                                             | i. Free from quarantine weed<br>seeds, soil and other plant<br>debris.<br>ii. Potato tubers shall be<br>washed with clean water<br>before packing.<br>iii. Potato tubers shall be treated<br>with a recommended sprout<br>inhibitor.<br>iv. Prophylactic chemical<br>treatment of packages and<br>empty container<br>v. Points of entry for this<br>consignment shall be as per<br>the Clause 3 (14), Chapter-II<br>of PQ Order, 2003.<br>The treatment should be<br>endorsed on phytosanitary<br>certificate issued at the country<br>of origin/re-export. |
|      |                                   |                                              | (ii) Pakistan | Free from:<br>a. <i>Clavibacter michiganensis</i> subsp. <i>Sepedonicus</i><br>(Potato ring rot)<br>b. <i>Ditylenchus depsaci</i> (Stem and Bulb nematode)<br>c. <i>Ditylenchus destructor</i> (Potato tuber nematode)<br>d. <i>Globodera (Hetrodera) pallid</i> (Potato cyst<br>nematode)<br>e. <i>Globodera (Hetrodera) rostochiensis</i> (Potato cyst<br>nematode)<br>f. Potato mop-top virus<br>g. <i>Pratylenchus neglectus</i> (California meadow<br>nematode)<br>h. <i>Pratylenchus scribneri</i>                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|      |                                   |                                              | (iii) Turkey  | Free from:<br>a. <i>Clavibacter michiganensis</i> subsp. <i>Sepedonicus</i><br>(Potato ring rot)<br>b. <i>Ditylenchus depsaci</i> (Stem and Bulb nematode)<br>c. <i>Ditylenchus destructor</i> (Potato tuber nematode)<br>d. <i>Globodera (Hetrodera) pallid</i> (Potato cyst<br>nematode)<br>e. <i>Globodera (Hetrodera) rostochiensis</i> (Potato cyst<br>nematode)<br>f. <i>Leptinotarsa decemlineata</i> (Colorado potato<br>beetle)<br>g. <i>Meloidogyne chitwoodi</i> (columbia root-knot<br>nematode)<br>h. <i>Meloidogyne ethiopica</i> (Root-knot nematode)<br>i. <i>Phytophthora cryptogea</i> (tomato foot rot) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



|      |                                |                                      |                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|------|--------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                | (ii)Tubers for processing            | (iv) Germany                                              | Free from:<br>a. <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> (Potato ring rot)<br>b. <i>Ditylenchus destructor</i> (Potato tuber nematodes)<br>c. <i>Ditylenchus dipsaci</i> (Stem & bulb nematodes)<br>d. <i>Globodera (Heterodera) rostochiensis</i> (Potato cyst nematodes)<br>e. <i>Globodera (Heterodera) pallida</i> (Potato cyst nematodes)<br>f. <i>Leptinotarsa decemlineata</i> (Colorado potato beetle)<br>g. <i>Phoma exigua</i> var. <i>foveata</i> (Gangrene)<br>h. <i>Phoma exigua</i> var. <i>linicola</i> (Foot rot)<br>i. <i>Phytophthora cryptogea</i> (Tomato foot rot)<br>j. <i>Polyscytalum pustulans</i> (Skin spot of potato)<br>k. Potato mop-top virus<br>l. <i>Synchytrium endobioticum</i> (Potato wart) | i. Free from quarantine weed seeds, soil and other plant debris.<br>ii. Potato tubers shall be washed with clean water before packing.<br>iii. Prophylactic chemical treatment of packages and empty container<br>iv. Points of entry for this consignment shall be as per the Clause 3 (14), Chapter-II of PQ Order, 2003.<br>v. Zero spillage during transit from point of entry to processing unit.<br>The conditions (i) to (iii) should be endorsed on phytosanitary certificate issued at the country of origin/re-export. |
| 619. | <i>Solidago</i> spp.           | (i) Cuttings/ Plants for propagation | (i) The Netherlands                                       | Free from:<br>(a) <i>Peridroma saucia</i> (pearly underwing moth)<br>(b) <i>Rhizobium radiobacter</i> (crown gall)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Post-entry quarantine growing for a period of 90 days.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|      |                                | (ii) Tissue culture plants           | (i) Israel                                                | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 620. | <i>Sorghum</i> spp. (Sorghum)  | Seeds for sowing                     | Any Country                                               | Free from:<br>(a) Bacterial blight ( <i>Burkholderia andropogoni</i> )<br>(b) Bacterial leaf streak ( <i>Xanthomonas vasicola</i> pv. <i>holcicola</i> )<br>(c) Milo disease ( <i>Periconia circinata</i> )<br>(d) Striga weed ( <i>Striga harmonithica</i> )<br>(e) Sorghum viruses viz. chlorotic spot, mosaic                                                                                                                                                                                                                                                                                                                                                                                                                                    | Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.                                                                                                                                                                                                                                                                                                           |
| 621. | <i>Sterculiae lychnophora</i>  | Dried seeds for consumption          | (i)Thailand<br>(ii)Indonesia<br>(iii)China<br>(iv)Vietnam | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Free from quarantine weed seeds and soil contamination.                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 622. | <i>Sterlingia- S.latifolia</i> | Dry flowers for decoration           | Australia                                                 | Free from <i>Pineus pini</i> (Pine woolly aphid)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Free from quarantine weeds seeds and soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|      |                                                                                            |                                                 |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------|--------------------------------------------------------------------------------------------|-------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 623. | <i>Stevia</i> spp.                                                                         | (i) Tissue cultured plants                      | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|      |                                                                                            | (ii) Cuttings for propagation                   | (i) Kenya   | Free from:<br><i>Septoria steviae</i> (Septoria leaf spot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Post-entry quarantine for a period of 45 days.                                                                                                                                                                                                                                                                                                                                                                                      |
| 624. | <b>Stone fruits</b> (plum, peach, cherry, apricot, almond, nectrine) ( <i>Prunus</i> spp.) | (i) Stones (Seeds)/ Grafts/ Bud wood/ Cuttings. | Any Country | Free from:<br>(a) Crown gall ( <i>Agrobacterium tumefaciens</i> )<br>(b) Hairy root ( <i>A. rhizogenes</i> )<br>(c) Bacterial die back of peach ( <i>Pseudomonas syringae</i> pv. <i>persicae</i> syn. <i>P. morsprunorum</i> )<br>(d) Black knot ( <i>Dibotrya morbosum</i> )<br>(e) Gummosis ( <i>Eutypa armeniaceae</i> )<br>(f) Brown rot ( <i>Monilinia fructicola</i> ) (American strain)<br>(g) Blossom blight and fruit rot ( <i>M. laxa</i> )<br>(h) Scab ( <i>Venturia cerasi</i> , <i>V. carpophila</i> )<br>(i) Cherry leaf spot ( <i>Blumeriella jaapii</i> )<br>(j) Plum weevil ( <i>Conotrachelus menuphar</i> )<br>(k) Stone virus viz. <i>Prunus virus S</i> . | (i) Post-entry quarantine for a period of 1-2 years<br>(ii) Commercial imports are subject to prior approval of Department of Agriculture and Cooperation.<br>(iii) Plants cuttings shall be appropriately fumigated or treated against insect infestation prior to dispatch at the country of origin and the treatment shall be endorsed on phytosanitary certificate. The stones (seeds) shall be treated with suitable fungicide |
|      |                                                                                            | (ii) Tissue cultured plant                      | Any Country | Certified that the tissue-cultured plants obtained from mother stock indexed/tested and maintained virus-free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | The above conditions shall not apply except the condition at (ii).                                                                                                                                                                                                                                                                                                                                                                  |

|  |                                    |                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--|------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | (iii) Fresh fruits for consumption | Any Country     | Free from:<br>(a) Oriental fruit moth ( <i>Cydia molesta</i> )<br>(b) Gypsy moth ( <i>Lymantria dispar</i> )<br>(c) Mediterranean fruit fly ( <i>Ceratitis capitata</i> )<br>(d) Manchurian fruit moth ( <i>Cydia inopinata</i> )<br>(e) Cherry fruitworm ( <i>C. packardi</i> )<br>(f) Plum moth ( <i>C. prunivora</i> )<br>(g) Cherry fruit fly ( <i>Rhagoletis</i> spp.)<br>(h) Peach fruit moth ( <i>Carposina niponensis</i> )<br>(i) Queensland fruit fly ( <i>Bactrocera tryoni</i> ) | (a) Pest free area status for Mediterranean fruit fly ( <i>Ceratitis capitata</i> ) and Cherry fruit flies ( <i>Rhagoletis</i> spp.) as per international standards or<br>(b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Cherry fruit flies and Mediterranean fruit fly or<br>(c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against cherry fruit flies and Mediterranean fruit fly |
|  | (iv) Dry fruits for consumption    | (i) Any Country | Free from:<br>(a) Mediterranean flour moth ( <i>Ephestia kuehniella</i> )<br>(b) Apricot chalcid<br>(c) <i>Ephestia elutella</i> (Tobacco moth)<br>(d) <i>Plodia interpunctella</i> (Indian meal moth)                                                                                                                                                                                                                                                                                       | Fumigation with Methyl bromide @ 16g/cu. m for 24hrs at 21°C and above under NAP and the treatment shall be endorsed on the phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose                                                                                                                                                                                                                                                                              |
|  | (v) Almonds for consumption        | (ii) USA        | (o) Mediterranean flour moth ( <i>Ephestia kuehniella</i> )<br>(p) Tobacco moth ( <i>Ephestia elutella</i> )<br>(q) Indian meal moth ( <i>Plodia interpunctella</i> )                                                                                                                                                                                                                                                                                                                        | Or for Almonds, fumigation by phosphine or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser for this purpose so as to result in complete mortality of all life stages of quarantine pests mentioned in the column 5 and the treatment shall be endorsed on the Phytosanitary certificate.                                                                                                                                                                                                              |

|      |                                                 |                                                      |                                  |                                                                                                                                                                                                            |                                                                                                                                                                                                                    |
|------|-------------------------------------------------|------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 625. | <i>Strelitzia reginae</i>                       | (i) Seeds for sowing                                 | (i) Holland<br>(ii) South Africa | Nil                                                                                                                                                                                                        | Free from quarantine weed seeds                                                                                                                                                                                    |
|      |                                                 | (ii) Plants for propagation                          | Any Country                      | Nil                                                                                                                                                                                                        | Post entry quarantine for a period of 45 days                                                                                                                                                                      |
| 626. | <i>Streptocarpus spp.</i>                       | (i) Tissue culture plants                            | (i) Australia                    | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from Nerine latent virus.                                                                              | Nil                                                                                                                                                                                                                |
|      |                                                 |                                                      | (ii) Costa Rica<br>(iii) USA     | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                        | Nil                                                                                                                                                                                                                |
| 627. | <i>Stylosanthes sp.</i>                         | Seeds for sowing                                     | Kenya                            | Nil                                                                                                                                                                                                        | Freedom from quarantine weed seeds                                                                                                                                                                                 |
| 628. | <i>Swertia spp.</i>                             | Saplings/ Plants for propagation                     | Nepal                            | Nil                                                                                                                                                                                                        | Post-entry quarantine growing for a period of 60 days.                                                                                                                                                             |
| 629. | <i>Synsepalum dulcificum</i><br>(Miracle fruit) | (i) Seeds for sowing                                 | (i) Algeria                      | Nil                                                                                                                                                                                                        | (i) Freedom from soil.<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.                                                                                          |
|      |                                                 |                                                      | (ii) Ghana<br>(iii) Congo        | Nil                                                                                                                                                                                                        | Free from quarantine weed seeds and soil.                                                                                                                                                                          |
|      |                                                 | (ii) Cuttings/ grafts/ rooted plants for propagation | Algeria                          | Nil                                                                                                                                                                                                        | (i) Freedom from quarantine weed seeds<br>(ii) Post-entry quarantine for one growth season except for research<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation. |
| 630. | <i>Syringa spp./Syringa vulgaris</i> (Lilac)    | Tissue cultured plants                               | (i) USA                          | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Arabis mosaic nepovirus<br>(b) Lilac ring mottle ilarvirus<br>(c) Lilac mottle carlavirus | Nil                                                                                                                                                                                                                |
|      |                                                 |                                                      | (ii) Japan                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from<br>(a) Arabis mosaic nepovirus<br>(b) Lilac ring spot carlavirus                                 | Nil                                                                                                                                                                                                                |
|      |                                                 |                                                      | (iii) UK                         | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from lilac chlorotic leaf spot capillovirus.                                                          | Nil                                                                                                                                                                                                                |

|      |                                 |                                                      |                                                                                                                    |                                                                                                                                                                                                                                 |                                                                                                                                                                                                  |
|------|---------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                 |                                                      | (iv) Germany                                                                                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:<br>(a) Arabis mosaic virus (hop bare-bine)<br>(b) Cherry leaf roll virus (berteroa ringspot)<br>(c) Elm mottle virus | Nil                                                                                                                                                                                              |
|      |                                 |                                                      | (v) Scotland                                                                                                       | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from elm mottle ilavirus.                                                                                                  | Nil                                                                                                                                                                                              |
|      |                                 |                                                      | (vi) Africa<br>(vii) Australia<br>(viii) Europe<br>(ix) New Zealand<br>(x) Turkey<br>(xi) Canada                   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from arabis mosaic nepovirus.                                                                                              | Nil                                                                                                                                                                                              |
|      |                                 |                                                      | (xii) Any country except USA, UK, Germany, Scotland, Africa, Australia, Japan, Europe, New Zealand, Turkey, Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                | Nil                                                                                                                                                                                              |
|      |                                 |                                                      |                                                                                                                    |                                                                                                                                                                                                                                 |                                                                                                                                                                                                  |
| 631. | <i>Syzygium cuminii</i> (Jamun) | (i) Seeds for sowing                                 | (i) Philippines<br>(ii) Thailand<br>(iii) New Zealand                                                              | Nil                                                                                                                                                                                                                             | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.                                                        |
|      |                                 | (ii) Cuttings/ grafts/ rooted plants for propagation | (iv) Indonesia<br>(v) Malaysia<br>(vi) Sri Lanka<br>(vii) Mauritius<br>(viii) USA                                  |                                                                                                                                                                                                                                 | (i) Freedom from soil<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation<br>(iv) Post entry quarantine growing for 6-9 month except for research. |

|      |                                              |                                  |                              |                                                                                                                                                                          |                                                                                                                                                                                                                                                                                 |
|------|----------------------------------------------|----------------------------------|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                              | (iii) Plants for propagation     | Thailand                     | Nil                                                                                                                                                                      | (i) Post-entry quarantine growing for a period of 10-12 months<br>(ii) Free from soil.<br>(iv) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                        |
| 632. | <i>Syzygium jambos</i><br>(Rose apple)       | Plants/ cuttings for propagation | Thailand                     | Nil                                                                                                                                                                      | (i) Post-entry quarantine growing for a period of 10-12 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation.                                                                                      |
| 633. | <i>Syzygium samarangense</i><br>(Java apple) | Fresh fruits for consumption     | Thailand                     | Free from:<br>(a) <i>Bactrocera papayae</i> (papaya fruit fly)<br>(b) <i>Bactrocera carambolae</i><br>(c) <i>Bactrocera albistrigata</i>                                 | (i) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above or equivalent thereof; or<br>(ii) Pre-shipment cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against fruit flies.           |
| 634. | <i>Tabebuia impetiginosa</i> (Ipe)           | Wood with or without bark        | Brazil                       | Nil                                                                                                                                                                      | Fumigation with Methyl bromide at 48 g per cubic metre for 24 hrs at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 635. | <i>Tagetes</i> spp. (Marigold African)       | Seeds for sowing                 | Any Country except Guatemala | Free from:<br>(a) <i>Fusarium oxysporum</i> sp. <i>callistephi</i><br>(b) <i>Septoria tageticola</i> (Leaf spot)<br>(c) <i>Pseudomonas tagetis</i> (Bacterial leaf spot) | Free from quarantine weed seeds.                                                                                                                                                                                                                                                |

|      |                                            |                                       |                                                                                                            |                                                                                                           |                                                                                                                                                                                                                                                                                           |
|------|--------------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                            |                                       | Guatemala                                                                                                  | Nil                                                                                                       | Free from quarantine weed seeds.                                                                                                                                                                                                                                                          |
|      |                                            | (ii) Plants/ cuttings for propagation | Netherlands                                                                                                | Free from <i>Phytophthora cryptogea</i> (Tomato foot rot)                                                 | (i) Post-entry quarantine for a period of 45 days<br>(ii) Freedom from soil.                                                                                                                                                                                                              |
| 636. | <i>Tamarindus</i> spp.<br>(Tamarind)       | (i) Seeds for sowing                  | (i) Indonesia<br>(ii) Malaysia<br>(iii) Mauritius<br>(iv) New Zealand<br>(v) Philippines<br>(vi) Sri Lanka | Nil                                                                                                       | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                        |
|      |                                            |                                       | (vii) USA                                                                                                  | Free from <i>Hypothenemus obscurus</i> (tropical nut borer)                                               | Freedom from quarantine weed seeds                                                                                                                                                                                                                                                        |
|      |                                            | (ii) Plants for propagation           | Thailand                                                                                                   | Free from :-<br><i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug)                              | (i) Post-entry quarantine growing for a period of 10-12 months<br>(ii) Free from soil.<br>(iii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                 |
| 637. | <i>Tanacetum parthenium</i><br>(Feverfew)  | Seeds for sowing                      | USA                                                                                                        | Nil                                                                                                       | Freedom from quarantine weeds seeds.                                                                                                                                                                                                                                                      |
| 638. | <i>Taraxacum officinale</i><br>(Dandelium) | Roots (dried) for processing          | Poland                                                                                                     | Free from <i>Otiorhynchus sulcatus</i> (vine weevil)                                                      | (i) Freedom from soil.<br>(ii) Fumigation with Methyl bromide @ 48 g/ cu. m at @ 21°C and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser. |
|      |                                            | Seeds for sowing                      | (i) Australia                                                                                              | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Tomato ringspot virus</i> | (i) Freedom from quarantine weed seeds<br>(ii) Post-entry quarantine growing for 6-9 month<br>(iii) Crop inspection and certification for freedom from <i>Tomato ringspot virus</i>                                                                                                       |

|      |                                    |                                                              |                                                                 |                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                       |
|------|------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                    |                                                              | (ii) Brazil                                                     | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode)<br>(b) <i>Xylella fastidiosa</i> (Pierce's disease of grapevines)                                                                                                                                                                            | (i) Freedom from quarantine weed seeds<br>(ii) Post-entry quarantine growing for 6-9 month except for research.                                                                                                                                                       |
|      |                                    |                                                              | (iii) Czech Republic<br>(iv) Kenya<br>(v) Romania<br>(vi) Syria | Free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode)                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                       |
| 639. | <i>Taxus</i> spp.                  | Seeds for sowing                                             | USA                                                             | Nil                                                                                                                                                                                                                                                                                                                | Freedom from quarantine weed seeds                                                                                                                                                                                                                                    |
| 640. | <i>Taxus baccata</i> (Yew)         | Plants for propagation                                       | Nepal                                                           | Free from <i>Heterobasidion annosum</i>                                                                                                                                                                                                                                                                            | (i) Post entry quarantine for a period of 45 days.<br>(ii) Freedom from soil.                                                                                                                                                                                         |
| 641. | <i>Tectona grandis</i> (Teak)      | Tissue cultured plants                                       | Thailand                                                        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                                    | Nil                                                                                                                                                                                                                                                                   |
| 642. | <i>Tephrosia candida</i> (Subabul) | Seeds for sowing                                             | Kenya                                                           | Nil                                                                                                                                                                                                                                                                                                                | Freedom from quarantine weed seeds                                                                                                                                                                                                                                    |
| 643. | <i>Teramnus labialis</i>           | Seeds for sowing                                             | Kenya                                                           | Nil                                                                                                                                                                                                                                                                                                                | Freedom from quarantine weed seeds                                                                                                                                                                                                                                    |
| 644. | <i>Theobroma cacao</i> (Cocoa)     | Beans (fermented and dried) for processing or industrial use | Any Country                                                     | Free from:<br>(a) Chocolate moth ( <i>Ephestia elutella</i> )<br>(b) Mediterranean flour moth ( <i>Ephestia kuehniella</i> )<br>(c) Tropical nut borer ( <i>Hypothenemus obscurus</i> )<br>(d) Black pod of cocoa ( <i>Phytophthora megakarya</i> )<br>(e) Chestnut downy mildew ( <i>Phytophthora katusurae</i> ) | The consignment shall be fumigated with Methyl bromide @ 16g/cubic metre for 24 h at 21°C and above at NAP and the treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser |



|      |                                |                                                    |                                                                                      |                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                            |
|------|--------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 645. | <i>Thuja occidentalis</i>      | (i) Timber logs with/ without bark for consumption | (i) Canada                                                                           | Free from:<br>(a) <i>Lambdina fiscellaria</i> (eastern hemlock looper)<br>(b) <i>Trypodendron lineatum</i> (striped ambrosia beetle)<br>(c) <i>Seiridium cardinale</i> (cypress canker)                                                                              | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| 646. | <i>Thuja plicata</i>           | (i) Timber logs with/ without bark for consumption | (i) Canada                                                                           | Free from:<br>(a) <i>Lambdina fiscellaria</i> (eastern hemlock looper)<br>(b) <i>Trypodendron lineatum</i> (striped ambrosia beetle)<br>(c) <i>Heterobasidion annosum</i><br>(d) <i>Heterobasidion parviporum</i><br>(e) <i>Seiridium cardinale</i> (cypress canker) | Fumigation with Methyl bromide @ 48 g per cubic metre for 24 hrs. at 21°C and above or equivalent thereof or heat treatment at 56°C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| 647. | <i>Thunbergia</i> spp.         | Seeds for sowing                                   | (i) Germany<br>(ii) Netherlands<br>(iii) France<br>(iv) UK<br>(v) Russia<br>(vi) USA | Nil                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                           |
| 648. | <i>Thymus vulgaris</i> (Thyme) | Seeds for sowing                                   | (i) Denmark                                                                          | Nil                                                                                                                                                                                                                                                                  | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                           |

|      |                                                |                                  |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                            |
|------|------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                |                                  | (ii) U K<br>(iii) USA<br>(iv) The Netherlands<br>(v) Spain<br>(vi) Italy<br>(vii) France<br>(ix) Germany | Nil                                                                                                                                                                                                                                                                                                                                                       | (i) Freedom from quarantine weeds seeds<br>(ii) Crop inspection and certification for freedom from <i>Helix aspersa</i> (Common snail)                                                                                                                                                                     |
|      |                                                | (ii) Tissue culture plants       | Canada                                                                                                   | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus.                                                                                                                                                                                                                                       | Nil                                                                                                                                                                                                                                                                                                        |
| 649. | <i>Thysanolaena latifolia</i><br>(Broom grass) | (i) Broom sticks for consumption | (i) Myanmar<br>(ii) Nepal                                                                                | Nil                                                                                                                                                                                                                                                                                                                                                       | Free from soil and other plant debris.                                                                                                                                                                                                                                                                     |
| 650. | <i>Thysostachys</i> spp.                       | Seeds for sowing                 | (i) Thailand                                                                                             | Free from:<br>(a) <i>Aspergillus wentii</i><br>(b) <i>Rhizopus</i> sp.                                                                                                                                                                                                                                                                                    | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                           |
|      |                                                |                                  | (ii) China                                                                                               | Nil                                                                                                                                                                                                                                                                                                                                                       | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                           |
| 651. | <i>Tilia americana</i><br>(Bass wood)          | Wood with bark                   | USA                                                                                                      | Free from :<br>(a) <i>Chaetocnema confinis</i> (flea beetle)<br>(b) <i>Malacosoma americanum</i> (eastern tent caterpillar)<br>(c) <i>Malacosoma disstria</i> (forest tent caterpillar)<br>(d) <i>Operophtera brumata</i> (winter moth)<br>(e) <i>Orgyia leucostigma</i> (white-marked tussock moth)<br>(f) <i>Papilio Canadensis</i> (tiger swallowtail) | Fumigation with Methyl bromide at 48 g per cubic metre for 24 hrs at 21°C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

|      |                                                            |                        |             |                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                |
|------|------------------------------------------------------------|------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                            | Wood without bark      | USA         | Free from :<br>(a) <i>Chaetocnema confinis</i> (flea beetle)<br>(b) <i>Malacosoma americanum</i> (eastern tent caterpillar)<br>(c) <i>Operophtera brumata</i> (winter moth)<br>(d) <i>Papilio Canadensis</i> (tiger swallowtail) | Fumigation with Methyl bromide at 48 g per cubic metre for 24 hrs at 21°C and above or equivalent thereof or heat treatment at 56 °C (core temperature) or 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.         |
| 652. | <i>Tillandsia</i> spp (All related spp.) (Air born plants) | Plants for propagation | USA         | Free from:-<br>(a) <i>Nipaecoccus nipae</i> (spiked mealybug)<br>(b) <i>Unaspis citri</i> (citrus snow scale)                                                                                                                    | (i) Post entry quarantine for a growing period of 60 days<br>(ii) Free from soil                                                                                                                                                                                                                                                                                               |
| 653. | <b>Timber logs</b>                                         |                        |             |                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                |
|      | (i) <i>Castanea</i> spp (Chest nut)                        | Logs with/without bark | Any Country | Free from Chest nut blight ( <i>Cryphonectria parasitica</i> )-American strain                                                                                                                                                   | The timber shall be fumigated with Methyl bromide shall be @ 48 g/cubic metre for 24 hrs at 21°C and above or equivalent thereof under NAP or kiln drying as the case may be at the country of origin and treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose. |

|  |                                    |                         |             |                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--|------------------------------------|-------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | (ii) <i>Ulmus</i> spp (Elm)        | Logs with/without bark  | Any Country | Free from:<br>(a) Dutch elm disease ( <i>Ceratocystis ulmi</i> )-American and European strains<br>(b) Elm bark beetle ( <i>Scolytus scolytus</i> )                                                                                                                                                                                                | The timber shall be fumigated with Methyl bromide shall be @ 48 g/cubic metre for 24 hrs at 21°C and above or equivalent thereof under NAP or kiln drying as the case may be at the country of origin and treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose.                                                       |
|  | (iii) <i>Quercus</i> spp (Oak)     | Logs with/without bark  | Any Country | Free from:<br>(a) Oak wilt ( <i>Ceratocystis fagacearum</i> )<br>(b) Oak bark beetles ( <i>Pseudopityophthorus</i> spp)<br>(c) Sudden Oak death ( <i>Phytophthora ramorum</i> )                                                                                                                                                                   | The timber shall be fumigated with Methyl bromide shall be @ 48 g/cubic metre for 24 hrs at 21°C and above or equivalent thereof under NAP or kiln drying as the case may be at the country of origin and treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose.                                                       |
|  | (iv) <i>Pinus</i> spp. (Pine wood) | Logs with/ without bark | Any Country | Free from:<br>(a) Branch and trunk cankers ( <i>Atropellis piniphila</i> , <i>A. pinicola</i> )<br>(b) Pine wood nematode ( <i>Bursaphelenchus xylophilus</i> )<br>(c) Cerambicid vector ( <i>Monochamus</i> spp.)<br>(d) Pine beetle ( <i>Tomicus piniperda</i> ) and pine weevils ( <i>Pissodes</i> spp.)<br>(e) Sirex wasp ( <i>Sirex</i> spp) | The timber shall be fumigated with Methyl bromide @ 48 g/cubic metre for 24 hrs at 21°C and above or equivalent thereof under NAP or heat treatment at 56°C and above (core temperature of wood) for 30 minutes or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser for this purpose as the case may be at the country of origin and treatment shall be endorsed on phytosanitary certificate |

|      |                                                                                                                                                                                                                                                                                                                                                                                       |                                         |                                       |                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                       |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | (v) <i>Pinus pinaster</i>                                                                                                                                                                                                                                                                                                                                                             | Seeds for sowing                        | Australia                             | Nil                                                                                                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                      |
| 654. | <b>Timbers (Logs/Sawn and sized wood) :</b><br>(i) <i>Desbordesia glaucescens</i> (Alep)<br>(ii) <i>Detarium microcarpum</i> (Amouk)<br>(iii) <i>Gilbertiodendron preussii</i> (Limbali)<br>(iv) <i>Oxystigma oxyphyllum</i> (Tchitola)<br>(v) <i>Petersia africana</i> (Essial/Abale)<br>(vi) <i>Sterculia rhinopetala</i> (Lotofa)<br>(vii) <i>Pteleopsis hyloidendron</i> (Osanga) | Wood with bark/without bark             | (i) Cameroon                          | Free from:<br><i>Apate monachus</i> (Black borer),<br><i>Coptotermes sjostedii</i> (African termite)<br><i>Wasmania auropunctata</i> (red fire ant)                                            | The timber shall be fumigated with Methyl bromide @ 48 g/cubic metre for 24 hrs at 21°C and above or equivalent thereof under NAP or kiln drying as the case may be at the country of origin and treatment shall be endorsed on phytosanitary certificate or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser for this purpose |
|      | (i) <i>Monopetalanthus spp</i> (Andoung)<br>(ii) <i>Sinodoropsis letestui</i> (Gheombi)<br>(iii) <i>Staudtia stipitata</i> (Niove)<br>(iv) <i>Testulea gabonensis</i> (Izombe)                                                                                                                                                                                                        |                                         | (ii) Gabon                            | Free from <i>Wasmania auropunctata</i> (red fire ant)                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                       |
| 655. | <i>Tithonia</i>                                                                                                                                                                                                                                                                                                                                                                       | Dry flowers for decoration              | Australia                             | Nil                                                                                                                                                                                            | Free from quarantine weeds seeds and soil                                                                                                                                                                                                                                                                                                                             |
| 656. | <i>Toluiifera perirae</i> (Perou baume)                                                                                                                                                                                                                                                                                                                                               | All plant parts for consumption purpose | EL Salvador                           | Nil                                                                                                                                                                                            | Free from quarantine weeds seeds, soil and other plant debris.                                                                                                                                                                                                                                                                                                        |
| 657. | <i>Torenia spp.</i>                                                                                                                                                                                                                                                                                                                                                                   | Seeds for sowing                        | (i) USA<br>(ii) Europe<br>(iii) Japan | Nil                                                                                                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                      |
| 658. | <i>Trichosanthes cucumerina</i> (Snakegourd)                                                                                                                                                                                                                                                                                                                                          | Seeds for sowing                        | Thailand                              | Nil                                                                                                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                                                                                      |
| 659. | <i>Trifolium alexandrium</i> (Berseem and Clovers)                                                                                                                                                                                                                                                                                                                                    | Seeds for sowing                        | Any Country                           | Free from:<br>(a) Northern anthracnose ( <i>Kabatiella caulivora</i> )<br>(b) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )<br>(c) Sclerotinia wilt ( <i>Sclerotinia trifoliorum</i> ) | (i) Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.<br>(ii) Free from soil.                                                                                                                                                                                                                             |

|      |                                                  |                                      |                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
|------|--------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                  |                                      |                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                               | (iii)Free from quarantine weed seeds.                                                                                                                                                                                                                           |
| 660. | <i>Trifolium pretense</i> (Red clover)           | Seeds for sowing                     | USA                                                                                                         | Free from:<br>(a) <i>Ditylenchus dipsaci</i> (Brown ring disease of hyacinth)<br>(b) <i>Phomopsis longicolla</i> (Phomopsis seed decay)<br>(c) <i>Sclerotinia borealis</i> (Snow blight of grass)<br>(d) <i>Burkholderia andropogonis</i> (Bacterial leaf stripe of sorghum and corn)<br>(e) <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato (USA))<br>(f) Peanut stunt virus | (i) Imports permitted subject to prior approval of Department of Agriculture and Cooperation.<br>(ii) Free from soil and quarantine weed seeds.<br>(iii)Crop inspection and certification for Free from (e) & (f)                                               |
| 661. | <i>Tripsacum dactyloides</i> (Eastern gamagrass) | Germplasm material for research only | (i) Australia<br>(ii) Brazil<br>(iii) Czech Republic<br>(iv) Kenya<br>(v) Romania<br>(vi) Syria<br>(vii)USA | Nil                                                                                                                                                                                                                                                                                                                                                                                           | Freedom from quarantine weed seeds                                                                                                                                                                                                                              |
| 662. | Triticale                                        | Germplasm material for research only | Mexico                                                                                                      | Free from<br>(i) <i>Pseudomonas fuscovaginae</i> (bacterial rot of rice sheaths)<br>(ii) <i>Diuraphis noxia</i>                                                                                                                                                                                                                                                                               | Freedom from quarantine weed seeds                                                                                                                                                                                                                              |
| 663. | <i>Triticum</i> spp. (Wheat)                     | Grains for consumption or processing | Any Country                                                                                                 | Free from:<br>(a) Granary weevil ( <i>Sitophilus granarius</i> )<br>(b) Ergot ( <i>Claviceps purpurea</i> )<br>(c) Dwarf bunt ( <i>Tilletia contraversa</i> )                                                                                                                                                                                                                                 | Fumigation with Methyl bromide @ 32 g/cu. m at 21°C and above for 24 hrs under NAP and the treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose. |
| 664. | <i>Tropaeolum majus</i> (Nasturtium)             | Seeds for sowing                     | (i) Netherlands<br>(ii) France<br>(iii) Germany                                                             | Free from <i>Pseudomonas viridiflava</i>                                                                                                                                                                                                                                                                                                                                                      | (i)Free from quarantine weed seeds.<br>(ii)Crop inspection and certification for <i>Pseudomonas viridiflava</i>                                                                                                                                                 |
|      |                                                  |                                      | (iv)U.K.<br>(v) Spain<br>(vi) Italy                                                                         | Free from:<br>(a) <i>Peridroma saucia</i><br>(b) <i>Pseudomonas viridiflava</i>                                                                                                                                                                                                                                                                                                               | Freedom from quarantine weeds seeds                                                                                                                                                                                                                             |

|      |                                                                 |                                                      |                                                                                                              |                                                                                                                |                                                                                                                                                                                                                             |
|------|-----------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 665. | <i>Torenia</i> spp.                                             | Seeds for sowing                                     | Japan                                                                                                        | Nil                                                                                                            | Freedom from quarantine weeds seeds.                                                                                                                                                                                        |
| 666. | <i>Tropaelum</i> spp.                                           | Seeds for sowing                                     | Australia                                                                                                    | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                     | Freedom from quarantine weeds seeds.                                                                                                                                                                                        |
| 667. | <i>Undaria pinnatifida</i> (Dry wakame)                         | (i) Dried plant material for consumption/ processing | (i) China<br>(ii) Japan                                                                                      | Nil                                                                                                            | Free from soil and other plant debris.                                                                                                                                                                                      |
| 668. | <i>Vaccinium</i> spp. (Blueberry)                               | Fresh fruits for consumption                         | Thailand                                                                                                     | Nil                                                                                                            | Freedom from soil                                                                                                                                                                                                           |
| 669. | <i>Vaccinium myrtillus</i> (wild blueberries)                   | Frozen fruits for consumption                        | Poland                                                                                                       | Free from:<br>(a) <i>Operophtera brumata</i> (winter moth)<br>(b) <i>Lepidosaphes ulmi</i> (oystershell scale) | (i) Free from any plant debris.<br>(ii) Fumigation with Methyl bromide @ 32 g/cu. m for 2 hrs. at 21°C and above under NAP before processing/freezing of fruits and the treatment be endorsed on phytosanitary certificate. |
| 670. | <i>Valeriana officinalis</i>                                    | (i) Seeds for sowing                                 | USA                                                                                                          | Nil                                                                                                            | Freedom from quarantine weeds seeds.                                                                                                                                                                                        |
|      |                                                                 | (ii) Dry roots for consumption purpose               | Europe                                                                                                       | Nil                                                                                                            | Free from soil and other plant debris.                                                                                                                                                                                      |
| 671. | <i>Vanilla planifolia</i> / <i>Vanilla tahitensis</i> (Vanilla) | (i) Cuttings/ grafts for propagation                 | (i) Australia<br>(ii) Bhutan<br>(iii) China<br>(iv) Mauritius<br>(v) Nepal<br>(vi) Nigeria<br>(vii) Suriname | Nil                                                                                                            | (i) Freedom from soil<br>(ii) Post-entry quarantine growing for 6-9 month except for research.                                                                                                                              |
|      |                                                                 |                                                      | (viii) Fiji                                                                                                  | Free from <i>Vanilla mosaic virus</i>                                                                          |                                                                                                                                                                                                                             |
|      |                                                                 |                                                      | (ix) Mauritius                                                                                               | Nil                                                                                                            | Freedom from soil                                                                                                                                                                                                           |
|      |                                                                 | (ii) Green bean pods for consumption/ processing     | (i) Mauritius                                                                                                | Nil                                                                                                            | Freedom from soil and quarantine weed seeds                                                                                                                                                                                 |
|      |                                                                 | Dried beans (pods) for consumption                   | Any Country                                                                                                  | Nil                                                                                                            | Freedom from soil and quarantine weeds seeds                                                                                                                                                                                |
|      |                                                                 |                                                      |                                                                                                              |                                                                                                                |                                                                                                                                                                                                                             |

|      |                                                                   |                                          |                                                                                                                               |                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                             |
|------|-------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 672. | <i>Verbascum</i> spp.                                             | Tissue cultured plants                   | USA                                                                                                                           | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                          | Nil                                                                                                                                                                                                                                         |
| 673. | <i>Verbena</i> spp. (Verbena)                                     | (i) Seeds for sowing                     | (i) Asia<br>(ii) France<br>(iii) Germany<br>(iv) Netherlands<br>(v) Denmark<br>(vi) UK<br>(vii) Australia<br>(viii) Guatemala | Nil                                                                                                                                                                                                                                                                                                      | Free from quarantine weed seeds.                                                                                                                                                                                                            |
|      |                                                                   |                                          | (vii) USA                                                                                                                     | Free from <i>Phytonemus pallidus</i> (Strawberry mite)                                                                                                                                                                                                                                                   | Free from quarantine weed seeds.                                                                                                                                                                                                            |
|      |                                                                   | (ii) Plants/ cuttings for propagation    | (i) Asia<br>(ii) USA                                                                                                          | Nil                                                                                                                                                                                                                                                                                                      | Post entry quarantine for a period of 45 days.                                                                                                                                                                                              |
| 674. | <i>Viburnum</i> spp.                                              | (i) Seeds for sowing                     | Germany                                                                                                                       | Nil                                                                                                                                                                                                                                                                                                      | Free from quarantine weeds seeds.                                                                                                                                                                                                           |
|      |                                                                   | (ii) Tissue cultured plants              | (i) Australia                                                                                                                 | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from citrus enation-woody gall luteovirus.                                                                                                                                                          | Nil                                                                                                                                                                                                                                         |
|      |                                                                   |                                          | (iii) Any country except Australia                                                                                            | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                                                                                                                          | Nil                                                                                                                                                                                                                                         |
| 675. | <i>Vicia faba</i> (Broad bean) and <i>Vicia villosa</i> (Vetches) | (i) Seeds for sowing                     | Any Country                                                                                                                   | Free from:<br>(a) Leaf and pod spot ( <i>Ascochyta fabae</i> )<br>(b) Soybean cyst nematode ( <i>Heterodera glycines</i> )<br>(c) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )<br>(d) Broad bean viruses viz. mottle, necrosis, strain (Comovirus), true mosaic, wilt virus 1 and 2 (Fabavirus) | Free from quarantine weed seeds.                                                                                                                                                                                                            |
|      |                                                                   | (ii) Seeds for consumption or processing | Any Country                                                                                                                   | Free from:<br>(a) Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )<br>(b) Soybean cyst nematode ( <i>Heterodera glycines</i> )                                                                                                                                                                      | Fumigation with Methyl bromide @ 32 g/cu. m for 24 hrs at 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser. |



|      |                                                      |                                          |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                          |
|------|------------------------------------------------------|------------------------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 676. | <i>Vicia sativa</i> (vetch),<br><i>Vicia villosa</i> | Seeds for sowing                         | Syria (ICARDA) | Free from:<br>(a) <i>Bruchus rufipes</i><br>(b) <i>Mimosestes mimosae</i><br>(c) <i>Bruchidius bimaculatus</i><br>(d) <i>B. incarnatus</i><br>(e) <i>B. lividimanus</i><br>(f) <i>B. quinqueguttatus</i><br>(g) <i>Bruchus atomarius</i><br>(h) <i>B. dentipes</i><br>(i) <i>B. ervi</i><br>(j) <i>B. hamatus</i><br>(k) <i>B. lugubris</i><br>(l) <i>B. luteicornis</i><br>(m) <i>B. rufimanus</i><br>(n) <i>Bruchus rufipes</i><br>(o) <i>B. tristiculus</i><br>(p) <i>B. ulicis ulicis</i><br>(q) <i>Ditylenchus dipsaci</i><br>(r) <i>Broad bean stain virus</i> | (i) Freedom from quarantine weed seeds<br>(ii) Post-entry quarantine growing for 2-3 month<br>(iii) Crop inspection and certification for freedom from <i>Broad bean stain virus</i>                                                                                                     |
| 677. | <i>Vigna (Phaseolus)</i> spp.<br>(Beans).            | (i) Seeds for sowing                     | Any Country    | Free from:<br>(a) Scab ( <i>Elsinoe phaseoli</i> )<br>(b) Downy mildew of lima bean ( <i>Phytophthora phaseoli</i> )<br>(c) Pod and stem blight ( <i>Phomopsis longicolla</i> )<br>(d) Bacterial wilt ( <i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i> )<br>(e) Bean bruchid ( <i>Acanthoscelides obtectus</i> )                                                                                                                                                                                                                                     | Free from quarantine weed seeds.                                                                                                                                                                                                                                                         |
|      |                                                      | (ii) Seeds for consumption or processing | Any Country    | Free from Bean bruchid ( <i>Acanthoscelides obtectus</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | (i) Free from quarantine weed seeds<br>(ii) Fumigation with Methyl bromide @32 g/cu m for 24 hrs at 21°C and above under NAP and the treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser. |

|      |                                                                  |                                         |                                                                    |                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                             |
|------|------------------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 678. | <i>Vigna</i> spp.<br>(Cowpea)                                    | (i) Seeds for sowing                    | Any Country                                                        | Free from:<br>(a) Bruchids ( <i>Bruchidium</i> spp., <i>Stator</i> spp.)<br>(b) Cowpea seed-borne viruses (bromo virus, poty virus, comovirus, carmovirus)                                                                                                    | Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.                      |
|      |                                                                  | (ii) Seeds for consumption              | Any Country                                                        | Free from bruchids ( <i>Bruchidium</i> spp., <i>Stator</i> spp.)                                                                                                                                                                                              | Fumigation with Methyl bromide @ 32 g/cu. m for 24 hrs at 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser. |
|      |                                                                  | (iii) Vegetable (beans) for Consumption | Thailand                                                           | Free from:<br>(a) <i>Anomala cupripes</i><br>(large green chafer beetle)<br>(b) <i>Anomala pallida</i>                                                                                                                                                        | Nil                                                                                                                                                                                                                                         |
| 679. | <i>Vinca</i> spp. / <i>Catharanthus</i> spp. (Vinca/ Periwinkle) | Seeds for sowing                        | (i) Japan<br>(ii) Russia<br>(iii) Europe<br>(iv) USA<br>(v) Taiwan | Nil                                                                                                                                                                                                                                                           | Free from quarantine weed seeds.                                                                                                                                                                                                            |
| 680. | <i>Viola</i> spp. (Pansy)                                        | Seeds for sowing                        | (i) Germany                                                        | Free from:<br>(a) <i>Colletotrichum violaetricoloris</i> (Anthracnose)<br>(b) <i>Spaceloma violae</i> (Scab)<br>(c) <i>Urocystis violae</i> (Smut)                                                                                                            | Free from quarantine weed seeds.                                                                                                                                                                                                            |
|      |                                                                  |                                         | (ii) USA                                                           | Free from:<br>(a) <i>Mycocentrospora acerina</i> (Halo blight)<br>(b) <i>Ramularia lacteal</i> (White spot)<br>(c) <i>Spaceloma violae</i> (Scab)<br>(d) Cherry leaf roll virus<br>(e) <i>Pseudomonas viridiflava</i> (Bacterial leaf blight of tomato (USA)) | (i) Free from quarantine weed seeds.<br>(ii) Crop inspection and certification for Free from cherry leaf roll virus.                                                                                                                        |
|      |                                                                  |                                         | (iii) France<br>(iv) Denmark                                       | Free from <i>Mycocentrospora acerina</i> (Halo blight)                                                                                                                                                                                                        | Free from quarantine weed seeds.                                                                                                                                                                                                            |

|      |                                   |                                                    |                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                      |
|------|-----------------------------------|----------------------------------------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                   |                                                    | (v) Netherlands<br>(vi) UK | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Free from quarantine weed seeds.                                                                                                                                                                                                     |
|      |                                   |                                                    | (vii) Japan                | Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Free from quarantine weed seeds.                                                                                                                                                                                                     |
|      |                                   |                                                    | (viii) Australia           | Free from:<br>(a) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)<br>(b) Tobacco rattle virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | (i) Freedom from quarantine weeds seeds.<br>(ii) Crop inspection and certification for freedom from tobacco rattle virus.                                                                                                            |
|      |                                   |                                                    | (ix) Guatemala             | Free from:<br>(a) <i>Peridroma saucia</i> (pearly underwing moth)<br>(b) <i>Spodoptera fugiperda</i> (fall army worm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Freedom from quarantine weeds seeds and soil.                                                                                                                                                                                        |
| 681. | <i>Vitis vinifera</i> (Grapevine) | (i) Rooted stock/Bud wood (stem cuttings)/Saplings | Any Country                | Free from:<br>(a) Grapevine Phylloxera or vine louse ( <i>Viteus vitifoliae</i> , syn. <i>Daktulosphaira vitifoliae</i> )<br>(b) Rust ( <i>Phakopsora vitis</i> )<br>(c) Dead arm ( <i>Cryptosporella viticola</i> syn. <i>Phomopsis viticola</i> )<br>(d) Cown gall ( <i>Agrobacterium vitis</i> )<br>(e) Gummosis ( <i>Pantoea agglomerans</i> )<br>(f) Hairy root ( <i>Agrobacterium rhizogenes</i> )<br>(g) Pierce's disease ( <i>Xylella fastidiosa</i> )<br>(h) Bacterial necrosis ( <i>Xylophilus ampelinus</i> )<br>(i) Grapevine viruses: Luteovirus, Nepovirus, Closterovirus, Trichovirus, Potyvirus. | (i) Post-entry quarantine for a period of one year.<br>(ii) Import subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.                                                            |
|      | Grape                             | (ii) Fresh fruits for consumption                  | (i) Afghanistan            | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Nil                                                                                                                                                                                                                                  |
|      |                                   |                                                    | (ii) Australia             | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Bactrocera tryoni</i> (Queensland fruit fly)<br>(c) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(d) <i>Epiphyas postvittana</i> (light brown apple moth)<br>(e) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(f) <i>Pseudococcus calceolariae</i> (scarlet mealy bug)                                                                                                                                                                                                                                              | (a) Pest free area status for <i>Bactrocera tryoni</i> (Queensland fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) MB fumigation @ 40 g/cubic metre for 2 hrs at 21°C or |

|  |  |  |              |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|--|--|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (iii) Canada | Free from :<br>(a) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(b) <i>Peridroma saucia</i> (pearly underwing moth)<br>(c) <i>Spodoptera frugiperda</i> (fall armyworm)                                                                                                                                                                                | above at NAP or equivalent thereof against Mediterranean fruit fly and Queensland fruit fly or<br>(c) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against Queensland fruit fly        |
|  |  |  | (iv) Chile   | Free from :<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(d) <i>Peridroma saucia</i> (pearly underwing moth)<br>(e) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(f) <i>Selenaspidus articulatus</i> (West Indian red scale) | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or<br>(c) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly |

|  |  |  |             |                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|--|--|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (v) China   | Free from :<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Peridroma saucia</i> (pearly underwing moth)<br>(c) <i>Pseudococcus calceolariae</i> (scarlet mealybug)                                                                                                                                                                               | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or<br>(c) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly |
|  |  |  | (vi) France | Free from :<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(c) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(d) <i>Peridroma saucia</i> (pearly underwing moth)<br>(e) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(f) <i>Lobesia botrana</i> (grapve berry moth) | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or<br>(c) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly |

|  |  |  |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|--|--|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (vii) Iran   | (a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Lobesia botrana</i> (grapve berry moth)                                                                                                                                                                                                                                                                                                                                                                  | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or<br>(c) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly |
|  |  |  | (viii) Italy | Free from:<br>(a) <i>Arabic mosaic virus</i> (hop barebine)<br>(b) <i>Aspidiotus nerii</i> (aucuba scale)<br>(c) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(d) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(e) <i>Peridroma saucia</i> (pearly underwing moth)<br>(f) <i>Phytonemus pallidus</i> (strawberry mite)<br>(g) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(h) <i>Lobesia botrana</i> (grapve berry moth) | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or<br>(c) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly |

|  |  |  |                  |                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--|--|--|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (ix) New Zealand | Free from:<br>(a) <i>Aspidiotus nerii</i> (aucuba scale)<br>(b) <i>Calepitrimerus vitis</i> (grape leaf rust mite)<br>(c) <i>Epiphyas postvittana</i> (light brown apple moth)<br>(d) <i>Frankliniella occidentalis</i> (Western flower thrips)<br>(e) <i>Panonychus citri</i> (citrus red mite)<br>(f) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(g) <i>Pseudococcus longispinus</i> (long-tailed mealybug) | (a) Pest free area status for <i>Bactrocera tryoni</i> (Queensland fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or<br>(b) MB fumigation @ 40 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly and Queensland fruit fly or<br>(c) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against Queensland fruit fly |
|  |  |  | (x) South Africa | Free from:<br>(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)<br>(b) <i>Ceratitis rosa</i> (Natal fruitfly)<br>(c) <i>Frankliniella occidentalis</i> (western flower thrips)<br>(d) <i>Pseudococcus calceolariae</i> (scarlet mealybug)<br>(e) <i>Scirtothrips aurantii</i> (South African citrus thrips)                                                                                                         | (a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) and <i>Ceratitis rosa</i> (Natal fruit fly) as per international standards or<br>(b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly and Natal fruit fly<br>(c) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and Natal fruit fly.                                                                                                                                             |

|  |  |  |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--|--|--|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (xi) USA | <p>Free from:</p> <p>(a) <i>Anastrepha fraterculus</i> (South American fruit fly)</p> <p>(b) <i>Aspidiotus nerii</i> (aucuba scale)</p> <p>(c) <i>Ceratitis capitata</i> (Mediterranean fruitfly)</p> <p>(d) <i>Epiphyas postvittana</i> (light brown apple moth)</p> <p>(e) <i>Frankliniella occidentalis</i> (Western flower thrips)</p> <p>(f) <i>Panonychus citri</i> (citrus red mite)</p> <p>(g) <i>Peridroma saucia</i> (pearly underwing moth)</p> <p>(h) <i>Pseudococcus calceolariae</i> (scarlet mealybug)</p> <p>(i) <i>Selenaspidus articulatus</i> (West Indies red scale)</p> | <p>(a) Pest free are status for <i>Anastrepha fraterculus</i> (South American fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or</p> <p>(b) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly and MB fumigatin @ 40 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against <i>Anastrepha fraterculata</i> or</p> <p>(c) Pre-shipment cold treatment at 0°C or below for 10 days; at 0.55°C or below for 11 days; at 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and at 0.55°C or below for 18 days; at 1.1°C or below for 20 days plus in-transit refrigeration against <i>Anastrepha fraterculata</i></p> |
|--|--|--|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



|  |  |  |                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--|--|--|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (xii) Egypt    | <p>Free from:-</p> <p>(a) <i>Aspidiotus nerii</i> (aucuba scale)</p> <p>(b) <i>Ceratitis capitata</i> (mediterranean fruit fly)</p> <p>(c) <i>Harmonia axyridis</i> (harlequin lady bird)</p> <p>(d) <i>Lobesia botrana</i> (grape berry moth)</p> <p>(e) <i>Otiorhynchus sulcatus</i> (vine weevil)</p> <p>(f) <i>Brevipalpus lewisi</i> (citrus flat mite)</p> <p>(g) <i>Phytophthora cryptogea</i> (tomato foot rot)</p> <p>(h) Grapevine fan leaf virus (grapevine court-noue virus)</p> <p>(i) Peach rosette mosaic virus (rosette mosaic of peach)</p> <p>(j) Tomato ringspot virus (ringspot of tomato)</p> | <p>Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards Or</p> <p>(a) MB fumigation @ 32 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly or</p> <p>(b) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days. The treatment should be endorsed on Phytosanitary Certificate issued at the country of Origin/ re-export.</p> |
|  |  |  | (xiii) Morocco | <p>Free from:-</p> <p>(a) <i>Aspidiotus nerii</i> (aucuba scale)</p> <p>(b) <i>Ceratitis capitata</i> (mediterranean fruit fly)</p> <p>(c) <i>Lobesia botrana</i> (grape berry moth)</p> <p>(d) <i>Peridroma saucia</i> (pearly underwing moth)</p> <p>(e) <i>Pseudococcus calceolariae</i> (scarlet mealy bug)</p> <p>(f) Grapevine fan leaf virus (grapevine court-noue virus)</p>                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|  |  |  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--|--|--|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (xiv) Spain | <p>Free from:</p> <p>(a) <i>Ametastegia</i></p> <p>(b) <i>Ceratitis capitata</i> (Mediterranean fruitfly)</p> <p>(c) <i>Frankliniella occidentalis</i> (Western flower thrips)</p> <p>(d) <i>Limothrips cerealium</i> (corn thrips)</p> <p>(e) <i>Lobesia botrana</i> (grape berry moth)</p> <p>(f) <i>Spodoptera frugiperda</i> (fall armyworm)</p> <p>(g) <i>Helix aspersa</i> (common snail)</p> <p>(h) <i>Phaeoacremonium aleophilum</i> (Petri disease)</p> <p>(i) <i>Phaeomoniella chlamydospora</i> (Petri disease)</p> <p>(j) <i>Phytophthora cryptogea</i> (tomato foot rot)</p> | <p>(a) Pest free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or</p> <p>Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly</p> <p>(b) MB fumigation @ 40 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly.</p> |
|--|--|--|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|  |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--|--|--|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  | (xv) Peru | <p>Free from:</p> <p>(a) <i>Anastrepha fraterculus</i> (South American fruit fly)</p> <p>(b) <i>Aspidiotus nerii</i> (aucuba scale)</p> <p>(c) <i>Ceratitis capitata</i> (Mediterranean fruitfly)</p> <p>(d) <i>Eryophyes vitis</i> (grape mite)</p> <p>(e) <i>Frankliniella occidentalis</i> (Western flower thrips)</p> <p>(f) <i>Panonychus citri</i> (citrus red mite)</p> <p>(g) <i>Peridroma saucia</i> (pearly underwing moth)</p> <p>(h) <i>Pseudococcus longispinus</i> (long tailed mealybug)</p> <p>(i) <i>Selenaspidus articulatus</i> (West Indies red scale)</p> <p>(j) <i>Spodoptera frugiperda</i> (fall armyworm)</p> <p>(k) <i>Nectria radicicola</i> (black rot)</p> | <p>(a) Pest free area status for <i>Anastrepha fraterculus</i> (South American fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or</p> <p>(b) MB fumigation @ 40 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly and South American fruit fly; or</p> <p>(c) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and at 0.55°C or below for 18 days; at 1.1°C or below for 20 days plus in-transit refrigeration against <i>Anastrepha fraterculata</i> and the treatment to be endorsed on phytosanitary certificate</p> |
|--|--|--|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|  |                                              |             |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--|----------------------------------------------|-------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                              |             | (xvi) Mexico | <p>Free from:</p> <p>(a) <i>Anastrepha fraterculus</i> (South American fruit fly)</p> <p>(b) <i>Aspidiotus nerii</i> (aucuba scale)</p> <p>(c) <i>Ceratitis capitata</i> (Mediterranean fruitfly)</p> <p>(d) <i>Amyelois transitella</i> (naval orange worm)</p> <p>(e) <i>Caliothrips faciatius</i> (thrips)</p> <p>(f) <i>Drepanothrips reutri</i> (grape thrips)</p> <p>(g) <i>Drosophila simulans</i></p> <p>(h) <i>Frankliniella occidentalis</i> (Western flower thrips)</p> <p>(i) <i>Homalodisca coagulata</i> (glassy winged sharpshooter)</p> <p>(j) <i>Hyphantria cunea</i> (mulberry moth)</p> <p>(k) <i>Panonychus citri</i> (citrus red mite)</p> <p>(l) <i>Melittia cucurbitae</i> (squash vine borer)</p> <p>(m) <i>Metcalfa pruinosa</i> (frosted moth-bug)</p> <p>(n) <i>Peridroma saucia</i> (pearly underwing moth)</p> <p>(o) <i>Plasmophora viticola</i> (grapevine downy mildew)</p> <p>(p) <i>Planococcus ficus</i> (vine mealy bug)</p> <p>(q) <i>Pseudococcus calceolariae</i> (scarlet mealybug)</p> <p>(r) <i>Pseudococcus longispinus</i> (long tailed mealybug)</p> <p>(s) <i>Selenaspidus articulatus</i> (West Indies red scale)</p> <p>(t) <i>Spodoptera frugiperda</i> (fall armyworm)</p> <p>(u) <i>Tetranychus pacificus</i> (Pacific spider mite)</p> <p>(v) <i>Xylella fastidiosa</i> (Pierce's disease of grapevines)</p> <p>(w) Grapevine fanleaf virus (grapevine court-noué virus)</p> <p>(x) Grapevine leafroll-associated viruses (leafroll disease)</p> | <p>(a) Pest free area status for <i>Anastrepha fraterculus</i> (South American fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards; or</p> <p>(b) MB fumigation @ 40 g/cubic metre for 2 hrs at 21°C or above at NAP or equivalent thereof against Mediterranean fruit fly and South American fruit fly; or</p> <p>(c) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and at 0.55°C or below for 18 days; at 1.1°C or below for 20 days plus in-transit refrigeration against <i>Anastrepha fraterculata</i> and the treatment to be endorsed on phytosanitary certificate</p> |
|  | (iii) Raisins (dried grapes) for consumption | Any Country |              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Fumigation with Methyl bromide @ 16 g /cu. m for 24 hrs at 21°C and above at NAP and treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

|      |                                          |                                      |                                                            |                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------|------------------------------------------|--------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                          | (iv) Seeds (dried) for medicinal use | France                                                     | Nil                                                                                                                                                                                            | (i)(a) Weed free crop/ area certification or (b) Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or (c) Devitalization of seed by heat treatment at 120°C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India, and<br>(ii) Management of handling, transportation, milling and processing of import consignment and manner of disposal as per the guidelines prescribed by the Plant Protection Adviser to the Government of India |
| 682. | <i>Wodyetia bifurcate</i> (Foxtail palm) | Plants for propagation               | Australia                                                  | Nil                                                                                                                                                                                            | (i) Post entry quarantine for a period of one year.<br>(ii) Freedom from soil                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 683. | <i>Xanthosoma</i> spp.                   | Tissue cultured plants               | USA                                                        | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from <i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i> (bacterial blight of aroids) | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 684. | <i>Yucca</i> spp.                        | Tissue cultured plants               | (i) Brazil<br>(ii) Costa Rica<br>(iii) Italy               | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from yucca bacilliform virus.                                                             | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|      |                                          |                                      | (iv) Columbia                                              | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from furcaea necrotic streak virus.                                                       | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|      |                                          |                                      | (v) Any country except Columbia, Brazil, Costa Rica, Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus                                                                                | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|      |                                |                                           |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                              |
|------|--------------------------------|-------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 685. | <i>Zamia</i> spp.              | (i) Seeds for sowing                      | Any Country | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Free from quarantine weed seeds.                                                                                                                                                                                                                                                             |
|      |                                | (ii) Plants for propagation               | Any Country | Nil                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Post entry quarantine for a period of 45 days.                                                                                                                                                                                                                                               |
| 686. | <i>Zamioculcas</i>             | Tissue culture plants                     | Australia   | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Nil                                                                                                                                                                                                                                                                                          |
| 687. | <i>Zantedeschia aethiopica</i> | Plants/ cuttings for propagation          | Netherlands | Free from <i>Phytophthora richardiae</i> (root rot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (i) Free from soil and other plant debris.<br>(ii) Post-entry quarantine for a period of 45 days.                                                                                                                                                                                            |
| 688. | <i>Zea mays</i> (Maize/ Corn)  | (i) Seeds for sowing                      | Any Country | Free from:<br>(a) Stewart's wilt ( <i>Pantoea stewartii</i> sub sp. <i>stewartii</i> )<br>(b) Nebraska wilt ( <i>Clavibacter michiganensis</i> sub sp. <i>nebraskensis</i> )<br>(c) Southern corn blight ( <i>Drechslera maydis</i> Race T)<br>(d) Ergot ( <i>Claviceps gigantea</i> )<br>(e) Tropical rust ( <i>Physopella zae</i> )<br>(f) Anthracnose ( <i>Kabatiella zae</i> )<br>(g) Larger grain borer ( <i>Prostephanus truncatus</i> )<br>(h) Maize weevil ( <i>Sitophilus zeamais</i> )<br>(i) <i>Mycosphaella zae-maydis</i><br>(j) <i>Burkholderia andropogonis</i><br>(k) <i>Pantoea agglomerans</i><br>(l) <i>Pseudomonas fuscavaginae</i><br>(m) <i>Pseudomonas syringae</i> pv. <i>Coronofaciens</i><br>(n) Maize chlorotic dwarf machlovirus | (i) Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture.<br>(ii) Free from soil.<br>(iii) Free from quarantine weed seeds. |
|      |                                | (ii) Grains for consumption or processing | Any Country | Free from:<br>(a) Ergot ( <i>Claviceps gigantea</i> )<br>(b) Larger grain borer ( <i>Prostephanus truncatus</i> )<br>(c) Maize weevil ( <i>Sitophilus zeamais</i> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Fumigation with methyl bromide @ 32g/cu. m for 24 hrs., at 21°C and above under NAP and the treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser.                                              |

|      |                                       |                                        |                                                                                           |                                                                                                            |                                                                                                                                                                                                                                                                                                           |
|------|---------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 689. | <i>Zingiber</i> spp. (Ginger)         | (i) Rhizome for consumption            | (i) Nepal                                                                                 | Nil                                                                                                        | Free from quarantine weed seeds and soil.                                                                                                                                                                                                                                                                 |
|      |                                       | (ii) Rhizomes for propagation          | (i) Thailand                                                                              | Nil                                                                                                        | (i) Post-entry quarantine for one growth season.<br>(ii) Free from soil.                                                                                                                                                                                                                                  |
| 690. | <i>Zingiber officinale</i> (Ginger)   | Rhizomes for propagation               | (i) Australia<br>(ii) Bhutan<br>(iii) China<br>(iv) Fiji<br>(v) Mauritius<br>(vi) Nigeria | Free from:<br>(a) <i>Pratylenchus coffeae</i><br>(b) <i>P. brachyurus</i><br>(c) <i>Radopholus similis</i> | (i) Freedom from soil<br>(ii) Post -entry quarantine growing for 2-3 month except for research.                                                                                                                                                                                                           |
|      |                                       |                                        | (vii) Suriname                                                                            | Free from <i>Spodoptera frugiperda</i>                                                                     |                                                                                                                                                                                                                                                                                                           |
|      |                                       |                                        | (viii) Nepal                                                                              | Nil                                                                                                        |                                                                                                                                                                                                                                                                                                           |
| 691. | <i>Zinnia</i> spp. (Zinnia)           | Seeds for sowing                       | Any Country                                                                               | Nil                                                                                                        | Free from quarantine weed seeds.                                                                                                                                                                                                                                                                          |
| 692. | <i>Ziziphus</i> spp.                  | Dried fruits (berries) for consumption | Iran                                                                                      | Free from <i>Lobesia botrana</i> (grape berry moth)                                                        | Fumigation with Methyl bromide at 48 g per cubic metre for 24 hrs at 21°C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| 693. | <i>Zizyphus jujuba</i> (Chinese date) | Seeds for sowing                       | China                                                                                     | Nil                                                                                                        | (i) Freedom from quarantine weed seeds<br>(ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation                                                                                                                                                                  |
| 694. | <i>Zoysia japonica</i>                | Seeds for sowing                       | USA                                                                                       | Free from <i>Gaeumannomyces graminis</i> var. <i>graminis</i> (crown sheath rot)                           | Free from quarantine weed seeds and soil contamination                                                                                                                                                                                                                                                    |

**SCHEDULE-VII**  
**{See clause 3(3),(6),(7) and 10(2)(3)}**

**LIST OF PLANTS/PLANTING MATERIALS WHERE IMPORTS ARE PERMISSIBLE ON THE BASIS OF PHYTOSANITARY CERTIFICATE ISSUE BY THE EXPORTING COUNTRY, THE INSPECTION CONDUCTED BY INSPECTION AUTHORITY AND FUMIGATION, IF REQUIRED, INCLUDING ALL OTHER GENERAL CONDITIONS.**

| <b>Serial Number</b> | <b>Plants and Plant Material</b>                                                                 |
|----------------------|--------------------------------------------------------------------------------------------------|
| <b>1</b>             | <b>2</b>                                                                                         |
| 1.                   | <i>Abies canadensis</i> - Hemlock spruce bark (dried) for medicinal use                          |
| 2.                   | <i>Acacia mangium</i> - Brown sal wood for consumption                                           |
| 3.                   | <i>Acer pseudoplatanus</i> / <i>Acer spp.</i> - Sycamore/Maple wood/logs for consumption         |
| 4.                   | <i>Acorus calamus</i> - Manau cane for consumption                                               |
| 5.                   | <i>Adansonia digitata</i> - Baobab fruits (Dried) for medicinal use                              |
| 6.                   | <i>Adina cordifolia</i> - Hnaw logs wood for consumption.                                        |
| 7.                   | <i>Aegle marmelos</i> / <i>Limonia acidissima</i> - Beli wood for consumption                    |
| 8.                   | <i>Aesculus hippocastanum</i> - Horse Chest Nut dried seeds for medicinal use                    |
| 9.                   | <i>Agathis dammara</i> - Agathis wood for consumption                                            |
| 10.                  | <i>Agave sisalana</i> - Sisal fibres                                                             |
| 11.                  | <i>Albizia lebbbeck</i> - Acacia wood for consumption                                            |
| 12.                  | <i>Alpinia officinarum</i> - Gallangal Roots                                                     |
| 13.                  | <i>Amomum subulatum</i> - Large cardamom                                                         |
| 14.                  | <i>Anacardium occidentale</i> - Cashew nuts (Raw)                                                |
| 15.                  | <i>Anacyclus pyrethrum</i> -( <i>Anthemis Pellitory</i> roots)( dried) for medicinal use         |
| 16.                  | <i>Anemone hepatica</i> - Hepatica whole plants (dried) for medicinal use                        |
| 17.                  | <i>Angelica archangelica</i> - European Angelica roots (dried) for medicinal use                 |
| 18.                  | <i>Angelica glauca</i> / <i>Angelica spp</i> - Gandh Roots/ Angelica roots dried for consumption |
| 19.                  | <i>Animal feeds</i>                                                                              |
| 20.                  | <i>Aningeria spp.</i> - Aningre wood for consumption                                             |
| 21.                  | <i>Anisoptera spp.</i> - Mersawa/Kaung Hmu wood for consumption                                  |
| 22.                  | <i>Anthemis nobilis</i> - Roman Chamomile flower head (dried) for medicinal use                  |
| 23.                  | <i>Apocynaceae sp./Vocanga sp.</i> - Voacanga seeds, roots and bark (dried) for medicinal use    |
| 24.                  | <i>Apocynum cannabinum</i> - Black Indian Hemp Roots (dried) for medicinal use                   |
| 25.                  | <i>Aquilaria malaccensis</i> - Agar wood                                                         |
| 26.                  | <i>Arachis spp.</i> – Peanut (roasted) for consumption.                                          |
| 27.                  | <i>Aralia racemosa</i> - Spikenard roots (dried) for medicinal use                               |
| 28.                  | <i>Arctium lappa</i> - Batweed whole plants (dried) for medicinal use                            |
| 29.                  | <i>Arctostaphylos sp.</i> - Uva-Ursi leaves (dried) for medicinal use                            |
| 30.                  | <i>Areca catechu</i> - Betel nut                                                                 |
| 31.                  | <i>Argemone maxicana</i> - Prickly poppy whole plant (dried) for medicinal use                   |
| 32.                  | <i>Arnica Montana</i> - Celtic Nard whole plants (dried) for medicinal use                       |
| 33.                  | <i>Artemisia spp.</i> - Artemisia leaves (dried) for medicinal use                               |
| 34.                  | <i>Aspalathus lineraris</i> – Rooibos tea (fermented) for consumption                            |
| 35.                  | <i>Aspidosperma spp.</i> - Quebracho blanco bark (dried) for medicinal use                       |
| 36.                  | <i>Atropa belladonna</i> - Deadly nightshade leaves/roots (dried) for medicinal use              |
| 37.                  | <i>Aucoumea spp.</i> - Okoume wood for consumption                                               |
| 38.                  | <i>Azadirachta indica</i> –Margosa/Neem for consumption                                          |



39. *Bambusa arundinacea* - Bamboo sticks
40. *Baptisia tinctoria* - Wild Indigo bark/ roots (dried) for medicinal use
41. *Berberis sp.* - Barberries roots (dried) for medicinal use
42. *Borago officinalis* - Gauzban/ Borage dried leaves/ flowers for medicinal use.
43. *Bryonia alba* - Wild Hops roots (dried) for medicinal use
44. *Caesalpinia sappan* - Sappan wood for consumption
45. *Calamus rotang*- Rattan (Cane)
46. *Calmia latifolia* - leaves (dried) for medicinal use
47. *Calophyllum spp.* - Bintangor wood for consumption
48. *Camellia sinensis* - Tea Seed Powder/green tea
49. *Cannabis sativa* - Hemp fibres
50. *Capsicum annum* - Capsicum fruit & seed (dried) for consumption
51. *Cardui mariae* - (*Silybum marianum*) Milk Thistle seeds/fruits (dried) for medicinal use
52. *Carduus sp.* - Blessed Thistle whole plants (dried) for medicinal use
53. *Carum carvi* - Caraway seed for consumption
54. *Carum copticum* – Ajwain seeds for consumption.
55. *Carya glabra* - Hickory logs wood for consumption
56. *Cassia cinnamomum/ Cassia spp.* - Chinese cassia/ Senna pods for medicinal use
57. *Catalpa bignoniodes* - Catalpa roots (dried) for medicinal use
58. *Ceanothus amaranus* - leaves (dried) for medicinal use
59. *Cedrus spp.* - Cedar wood for consumption
60. *Ceiba pentandra* - Kapok fibre (lint) for consumption.
61. *Centella asiatica* - Centella leaves (dried) for medicinal use
62. *Cephaelis ipecacuanha/psychotria* - Ipecacuanha roots (dried) for medicinal use
63. *Chamaecyparis spp.* - Juniper berries dried seed for medicinal use.
64. *Chamaemelum nobile* - Chamomile flowers (dried) for consumption
65. *Cheiranthus cheiri* - Common wall flower whole plants (dried) for medicinal use
66. *Chelidonium majus* - Calandine whole Plants (dried) for medicinal use
67. *Chionanthus virginica* - Fringe Tree bark (dried) for medicinal use
68. *Chrysanthemum cinerariifolium /Chrysanthemum tanacetum* –  
Pyrethrum flower powder/flowers (dried) for consumption
69. *Cinchona spp.* - Cinchona bark (dried) for medicinal use
70. *Cinnamomum camphora* - Bay leaf
71. *Cinnamomum zeylanicum* - Cinnamom
72. *Clematis erecta* - Upright virgin's bower leaves/ stem (dried) for medicinal use
73. *Cochlearia armoracia* - Horse Radish roots (dried) for medicinal use
74. *Cocos nucifera* - Coconut fibre /powder /Copra kernel dried for consumption
75. *Corchorus capsularis* -Jute fibres
76. *Coriandrum sativum* – Coriander seed for consumption
77. *Coffea arabica* -Roasted Coffee beans
78. *Collinsonia canadensis*- Stone Root roots (dried) for medicinal use
79. *Commiphora wightii* - Guggal
80. *Crataegus laevigata* - Hawthorn fruits (Dried) for medicinal use
81. *Crocus sativus* – Saffron (dried) flowers for consumption
82. *Croton sp.*- Cascarilla Bark (dried) for medicinal use
83. *Cuminum cyminum* - Cumin /black cumin
84. *Curcuma longa* - Turmeric rhizome (dried) for consumption
85. *Curcuma zedoaria* - Kachura

86. Cut Flowers (Except Roses & Carnation)
87. *Cyamopsis tetragonoloba* - Guar seeds (broken) for processing
88. *Cynara spp.* - Artichoke leaves (dried) for medicinal use
89. *Dalbergia spp.* - Rosewood wood for consumption
90. *Dialyanthera spp.*- White Cedar wood for consumption
91. *Digitalis spp.* - Digitalis leaves (dried) for medicinal use
92. *Dioscorea villosa* - Colic root roots/bulbs (dried) for medicinal use
93. *Diospyros spp.*- Malabar ebony wood for consumption
94. *Dipterocarpus alatus* - Gurjan logs
95. *Dipterocarpus stellatus* - Keruing logs
96. *Dryobalanops spp.* - Kapur wood for consumption
97. *Duboisia spp.* - Duboisia leaves (dried) medicinal use
98. *Ecklonia maxima/ Gelidium/ Gelidiella/Gracillaria/ Pteraclodia/ Eucheuma/ Chondrus Kappaphycus* - Seaweed dried for consumption
99. *Elaeis guineensis* - Oil Palm cake Dried for consumption
100. *Elettaria cardamomum* - Small cardamom
101. *Entandrophragma spp.*- Sipo/ Tiama wood for consumption
102. *Equisetum arvense* - Field Horsetail leaves (dried) for medicinal use
103. *Eriodictyon glutinosum* - Yerba santa leaves (dried) for medicinal use
104. *Eryngium spp.* - Button snake root roots (dried) for medicinal use
105. *Erythrophleum sp.* - Tali wood for consumption
106. *Eupatorium sp.*- Indian sage whole plants (dried) for medicinal use
107. *Euphrasia officinalis* - Eye-bright whole plants (dried) for medicinal use
108. *Eurycoma longifolia* - Tongkat Ali roots/bark (dried) for medicinal use
109. *Fagus grandifolia* - Beech logs
110. *Ficus auriculata* - Arau (Timla) wood for consumption
111. *Ficus carica* -Figs (dried)
112. *Foeniculum vulgare* - Fennel
113. *Fraxinus americana* - Ash logs/ White Ash bark (dried) for medicinal use
114. *Fucus vesiculosus* - Bladder Wrack whole Plants (dried) for medicinal use
115. *Garcinia combojia* - Garcinia
116. *Garcinia mangostana* – Mangosteen (dried fruit rind) for medicinal use
117. *Gaultheria procumbens* - Winter green leaves (dried) for medicinal use
118. *Gentiana sp.*- Bitterwort roots (dried) for medicinal use
119. *Geranium sp.* - Alumroot whole plants/ root (dried) for medicinal use
120. *Geum urbanum* - Herb Bennet roots (dried) for medicinal use
121. *Ginkgo sp.* - Ginkgo leaves (dried) for medicinal use
122. *Gluta spp.* - Rengas wood for consumption
123. *Glycorrhiza glabra* - Liquorice/ Mulati
124. *Gmelina spp.* - Yemane wood for consumption
125. *Grandifoliola swietenia* - mahagoni wood for consumption
126. *Griffonia simplifolia*
127. *Guaiacum officinalis*- Guaiacum whole plants (dried) for medicinal use
128. *Guazuma ulmifolia* -Rudraksha
129. *Guibortia spp.* - Ovengkol/ Mutenge wood for consumption
130. *Hamamelis virginica* - Witch Hazel bark (dried) for medicinal use
131. *Harpagophytum* - Devil's Claw roots (dried) for medicinal use

132. *Hevea sp.* - Rubber wood
133. *Hexandrum sp.* - Podophyllum rhizome/roots (dried) for medicinal use
134. *Hibiscus sabdariffa* - Hibiscus flowers (dried) for consumption
135. Homeopathic/Ayurvedic/medicinal herbs (in dry and coarse grounded/ powdered/kibbled form) for medicinal purpose.
136. *Hippophae rhamnoides* - Sea buckthorn fruit pulp and seeds for consumption.
137. *Humulus lupulus* - Hop pellets/hop leaves (dried) for medicinal use
138. *Hydrangea arobrescens* - Seven Barks roots/ rhizomes (dried) for medicinal use
139. *Hymenaea courbaril* - Jatoba Sawn Timber wood for consumption
140. *Hypericum perforatum* - St. Johnswort whole plants (dried) for medicinal use
141. *Ignatia sp.* - St. Ignatius Bean cut (dried) for medicinal use
142. Insect Galls for medicinal use
143. *Intsia spp.* - Merbau logs
144. *Ipomoea spp.* - Scammony roots (dried) for medicinal use.
145. *Jasminum officinale* -Poets Jessamine berries (dried) for medicinal use
146. *Jateorrhiza palmate* - Colombo roots (dried) for medicinal use
147. *Juglans spp.* - walnut shell (crushed/powdered) (dried) for consumption
148. *Juncus effuses* - Rush rhizome (dried) for medicinal use
149. *Juniperus communis/ Juniperus sp.* – Howbar/ Sabina twig (dried) for medicinal use
150. *Kola vera* - Kola nuts
151. *Koompassia spp.* - Kempas wood for consumption
152. *Krameria sp.*- Ratanhia roots (dried) for medicinal use
153. *Laburnum anagyroides* - Golden Chair leaves/flowers (dried) for medicinal use
154. *Lactuca virosa* - Lactuca whole plants (dried) for medicinal use
155. *Lagerstroemia speciosa* - Banaba
156. *Laminum album* - Blind Nettle leaves/ flowers (dried) for medicinal use
157. *Laurus nobilis* –Laurel
158. *Lavandula angustifolia* - Lavender flowers (dried) for consumption
159. *Ledum spp.* - Marsh-Tea whole Plants (dried) for medicinal use
160. *Leitneria floridana* - Corkwood for consumption
161. *Lemna spp.* - Common Duckweed whole plants (dried) for medicinal use
162. *Liatris spicata* - Gayfeather roots (dried) for medicinal use
163. *Linum spp.* – Flax fibres for consumption/processing.
164. *Liriosma sp.* - Muira Puama root/bark (dried) for medicinal use
165. *Litsea spp.* - Sticky wood bark (dried) for consumption
166. *Lonicera xylosteum* - European fly honeysuckle berries (dried) for medicinal use
167. *Luffa spp.* - Lufo fruits (dried) for medicinal use
168. *Machilus macarantha* - Jigat dried bark powder for consumption
169. *Maclura tinctoria* - Mora wood for consumption
170. *Menispermum canadense* - Common Monseed roots (dried) for medicinal use
171. *Mentha spicata* -Spearmint
172. *Michelia champaca (Champa)*- Sagawa wood for consumption
173. *Millettia spp.* - Wenge wood for consumption
174. *Mimosa pudica* - Lajwanti seeds (dried) for medicinal use
175. *Mimusops sp.* - Moabi round logs wood for consumption
176. *Myrica cerifera* - Wax-Myrtle roots/ bark (dried) for medicinal use
177. *Myristica fragrans* – Nutmeg & Mace for consumption
178. *Myristica spp* - bark (dried) for medicinal use

179. *Nuphar lutea* - Yellow Pond-lily rhizomes (dried) for medicinal use
180. *Ocimum basilicum/ Ocimum spp* - Basil leaves/ Tukmaria fruits (dried) for consumption
181. *Ocotea spp.* - Green heart wood for consumption
182. *Oenothera biennis* - whole plants (dried) for medicinal use
183. *Okoubaka sp.-* Okoubaka roots (dried) for medicinal use
184. *Onosma echioides* -Ratton jot
185. *Oreganum vulagre* - Oreganum
186. *Origanum majorana* - Majorana whole plants/herbs (dried) for consumption/medicinal use
187. *Ornithogalum umbellatum* - Star-flower (dried) for medicinal use
188. *Orthosiphon sp.* - Orthosiphon leaves (dried) for medicinal use
189. *Oryza sativa* – Rice bran/husk dried for processing.
190. *Osyris lanceolata* - Tanzanian/ African Sandalwood dry roots/ wood for consumption
191. *Palaquium spp.* - Nyatoh wood for consumption
192. *Panax quinquefolius* - Ginseng roots/ Korean Gensing roots (dried) for medicinal use
193. *Papavera somnifera* - Popy seed
194. *Parashorea spp.* - Seraya wood for consumption
195. *Paullinia cupana* - Guarana seeds (dried) for medicinal use
196. *Pausinystalia yohimbe* - Yohimbe Bark (dried) for medicinal use
197. *Peltogyne pubescens* -Purple Heart/ Amarante wood for consumption
198. *Perilla spp.* leaves (dried) for medicinal use
199. *Persea spp* - Persea bark - bark (dried) for medicinal use
200. *Petraselinum crispum* – Parsley plants/herbs (dried) for consumption
201. *Peumos boldus* - Boldina leaves (dried) for consumption
202. *Phytolacca spp.* Berries/ roots (dried) for medicinal use
203. *Pilocarpus sp.-* Jaborandi leaves (dried) for medicinal use
204. *Illicium verum* – Star Anise
205. *Pinus gerardiana* - Pine-nut/Chilgozah roasted seed for consumption
206. *Piper cubeba* - Cubebs
207. *Piper longum* -Long Pepper
208. *Piper methysticum* - Kava Roots
209. *Piper nigrum* - Black pepper
210. *Piscidia sp.* - Piscidia bark (dried) for medicinal use
211. *Pistacia vera* -Pistachio
212. *Pogostemon cablin* - Patchouli dried leaves for consumption.
213. *Polygala senega* - Senega roots (dried) for medicinal use
214. *Polygonum sachalinense* - Giant Knotweed dried hay/ roots for consumption.
215. *Populus spp.* - Balm of Gilead bud (dried) for medicinal use
216. *Pothos spp.* - Skunk Cabbage roots (dried) for medicinal use
217. *Preira brava* - Velvet leaf roots (dried) for medicinal use
218. *Prunus spp.* - Cherry-Laurel leaves/ Pygeum Bark (dried) for medicinal use
219. *Pterocarpus soyauxii* - Padauk logs
220. *Pulsatilla sp.* (Anemone) - Windflower whole plants (dried) for medicinal use
221. *Pumento sp.-* All Spice
222. *Punica granatum* - Pomegranate dried seeds for consumption
223. *Rauwolfia vomitoria* - Rauwolfia root bark (dried) for medicinal use
224. *Rhamnus spp-* European Buckthorn berries /Alder buckthorn roots/Cascara bark (dried) for medicinal use

225. *Rhaponticum carthamoides* - Rhodiola
226. *Rhus spp.* - Kakkar singhi (dried) for consumption.
227. *Rhus toxicodendron* - Poison Ivy leaves (dried) for medicinal use
228. *Rosa spp.* - Rose flower and rosehip (whole/ broken) (dried) for medicinal use/ consumption
229. *Rosmarinus officinalis* -Rosemary
230. *Rubia spp.* - Manjith roots (dried) for consumption
231. *Ruta graveolens* - Bitter Herb whole plants (dried) for medicinal use
232. *Sabal serrulata* - Saw Palmetto fruit (dried) for medicinal use
233. *Salix alba /Salix nigra* - Willow bark /Black Willow bark (dried) for medicinal use
234. *Salix spp.* Willow Baskets (woven) for consumption
235. *Salvia officinalis* - Clary sage leaves/plants/herbs (dried) medicinal/consumption use
236. *Santalum spp* - Sandalwood (wood/nuts) for consumption
237. *Sapindus emarginodius* -Soap nut
238. *Scammonia sp.*- roots (dried) for medicinal use
239. *Sceletium tortuosum* – Kanna leaves (dried) for medicinal/consumption purpose.
240. *Schoenocaulon sp.*- Sabadilla crushed seeds (dried) for medicinal use
241. *Scrophularia sp.* - Figwort whole plants (dried) for medicinal use
242. *Scrophulariaceae sp.* - Picrorhiza roots (dried) for medicinal use
243. *Scutellaria spp* - Helmet Flower whole plants (dried) for medicinal use
244. *Secale spp* - Ergot of Rye grounded form for medicinal use
245. *Sedum spp.* - Wall Pepper whole plants (dried) for medicinal use
246. *Sempervivum sp.* - House leek leaves (dried) for medicinal use
247. *Sequoia spp./ Metasequoia spp.* - Western Red Cedar wood for consumption
248. *Shorea robusta/ Shorea spp.* -Sal logs/ Selaganbatu logs / Meranti wood for consumption
249. *Smilax sp.* - Smilax rhizomes/roots (dried) for medicinal use
250. *Stevia rebaudiana* –Stevia leaves (dried) for medicinal use
251. *Symphytum officinale* - Comfrey roots (dried) for medicinal use
252. *Syzygium aromaticum* - Cloves
253. *Syzygium jambos* - Rose Apple fruits (dried) for medicinal use
254. *Tamarindus indica* -Tamarind fruit pulp and seed for consumption
255. *Tanacetum vulgare* - Tansy whole plants (dried) for medicinal use
256. *Taxus baccata* - English Yew dried leaves for medicinal use.
257. *Taxus brevifolia* - Pacific yew
258. *Tectona grandis* -Teak Logs
259. *Terminalia sp.* - Htauk Kyant wood for consumption.
260. *Teucrium marum* - Cat Thyme whole plants (dried) for medicinal use
261. *Theobroma cacao* - Cocoa powder
262. *Thuja occidentalis* - Eastern arborvitae leaves/twigs (dried) medicinal use
263. *Thymus vulgaris* -Thyme
264. *Tillandsia usneoides* - Spanish moss
265. *Tribulus terrestris* - Caltrop whole plants (dried) for medicinal use
266. *Trigonella foenum-* graekam Fenugreek
267. *Triplochiton scleroxylon* - African white wood for consumption
268. *Tsuga spp.* - Hem-fir/ Hemlock wood for consumption
269. *Turnera sp.* - Damiana whole plants (dried) for medicinal use
270. *Tussilago petasites* - Butter Burr whole plants (dried) for medicinal use
271. *Uncaria gambier* – Kattha (Gambier)
272. *Uncaria tomentosa* – Cat's claw leaves (dried) for consumption

273. *Urtica dioica* - Nettle roots (Dried) for medicinal use
274. *Usnea barbata* - Bearded usnea whole plants (dried) for medicinal use
275. *Vaccinium myrtillus* - Common bilberry leaves (dried) for medicinal use
276. *Valeriana officinalis* - Common valerian roots (dried) for medicinal use
277. *Vatica spp.* - Resak wood for consumption
278. *Veronica spp.* roots (dried) for medicinal use
279. *Viburnum sp.* - Black Haw barks (dried) for medicinal use
280. *Vinca minor* - Common Periwinkle whole plants (dried) for medicinal use
281. *Vincetoxicum spp.* Leaves (dried) for medicinal use
282. *Vitex spp.* - Vitex wood for consumption
283. *Withania coagulans* - Paneer dodi
284. *Xylia dolabriformis* - Pyinkado logs
285. *Zanthoxylum americanum* - Prickly Ash berries/bark (dried) for medicinal use
286. *Zanthoxylum bungeanum* – Sichuan pepper pods (dried) for consumption.”
287. *Zea mays* - Corn cob ground without grain /Corn leaf pallets (dried) for consumption
288. *Zingiber officinalis* - Dry Ginger for consumption.”
289. *Eschscholzia californica* (Californis poppy) (dried) whole plants except seeds for processing
290. *Lycium barbarum* fruits (dried) for medicinal use/processing
291. *Melissa officinalis* - (Lemon balm leaves) (dried) for processing.
292. *Ruscus aculeatus* - (butcher’s broom roots) (dried) for processing.
293. *Cotinus sp.* whole plant (without seed) (dried) for consumption.
294. *Thymus sp.* whole plant (without seed) (dried) for processing.
295. *Malus domestica* – Dehydrated apples for consumption.
296. *Malus domestica*- (Dried apple pieces – sulphite treated )
297. *Malus domestica*- (dried apple puffed chips – cinnamon dusted)

**SCHEDULE-VIII**  
**[See Clause 3 (12)]**  
**List of Quarantine Weed Species**

| (1) | (2)                           | (1) | (2)                              |
|-----|-------------------------------|-----|----------------------------------|
| 1.  | <i>Allium vineale</i>         | 16. | <i>Echinochloa crus-pavonis</i>  |
| 2.  | <i>Ambrosia maritime</i>      | 17. | <i>Froelichia floridana</i>      |
| 3.  | <i>Ambrosia psilostachya</i>  | 18. | <i>Helianthus californicus</i>   |
| 4.  | <i>Ambrosia trifida</i>       | 19. | <i>Helianthus ciliaris</i>       |
| 5.  | <i>Apera-spica-venti</i>      | 20. | <i>Heliotropium amplexicaule</i> |
| 6.  | <i>Bromus secalinus</i>       | 21. | <i>Leersia japonica</i>          |
| 7.  | <i>Cenchrus tribuloides</i>   | 22. | <i>Matricaria perforatum</i>     |
| 8.  | <i>Centaurea diffusa</i>      | 23. | <i>Polygonum cuspidatum</i>      |
| 9.  | <i>Centaurea maculosa</i>     | 24. | <i>Proboscidea lovisianica</i>   |
| 10. | <i>Centaurea solstitialis</i> | 25. | <i>Salsola vermiculata</i>       |
| 11. | <i>Cichorium pumilum</i>      | 26. | <i>Senecio jacobaea</i>          |
| 12. | <i>Cichorium spinosum</i>     | 27. | <i>Solanum carolinense</i>       |
| 13. | <i>Cordia curassavica</i>     | 28. | <i>Striga hermonthica</i>        |
| 14. | <i>Cuscuta australis</i>      | 29. | <i>Thesium australe</i>          |
| 15. | <i>Cynoglossum officinale</i> | 30. | <i>Thesium humiale</i>           |
|     |                               | 31. | <i>Viola arvensis</i>            |

**Schedule IX**  
[See clause 5]  
**A-Inspection Fees**

| Serial Number | Particulars of Import                                                                                                                                                                                                       | Numbers/ Weight/ Volume                                                                                                                                                                                                                                                                     | Fee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (1)           | (2)                                                                                                                                                                                                                         | (3)                                                                                                                                                                                                                                                                                         | (4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1.            | <p>i) Plants/ Planting materials including cuttings, saplings, bud wood, etc. <b>requiring post entry quarantine</b></p> <p>ii) Oil Palm seed sprouts <b>requiring post entry quarantine</b></p> <p>iii) Tissue Culture</p> | <p>(i) Upto 100 numbers</p> <p>(ii) Above 100 and up to 1,000 numbers</p> <p>(iii) Above 1,000 numbers</p> <p>(i) Up to 1,000 numbers</p> <p>(ii) Above 1,000 numbers</p> <p>(i) Upto 100 numbers</p> <p>(ii) Above 100 numbers and upto 1,000 numbers</p> <p>(iii) above 1,000 numbers</p> | <p>Rs.250/-</p> <p>Rs.250/- plus Rs.75/- per hundred numbers or part thereof.</p> <p>Rs.925/- plus Rs.500/- per 1,000 numbers or part thereof.</p> <p>Rs.1,000/-</p> <p>Rs.1,000/- plus Rs.250/- per 1,000 numbers or part thereof</p> <p>Rs.50/-*</p> <p>Rs.50/- plus Rs.10/- per 100 numbers or part thereof *</p> <p>Rs.140/- plus Rs.50/- per 10,000 numbers or part thereof*</p> <p>* plus costs/fees for any special tests as per rates fixed by Department of Bio-technology.</p> |
| 2.            | Plant / Planting materials including bulbs, tubers, and corms, rhizomes etc. <b>requiring post entry quarantine.</b>                                                                                                        | <p>(i) Upto 100 numbers</p> <p>(ii) Above 100 numbers and upto 10,000 numbers</p> <p>iii) Above 10,000 numbers</p>                                                                                                                                                                          | <p>Rs.100/-</p> <p>Rs.100/- plus Rs.200/- per 1000 number or part thereof.</p> <p>Rs.1,900/- plus Rs.1,000 per 10,000 numbers or part thereof.</p>                                                                                                                                                                                                                                                                                                                                       |



|    |                                                                                                                                            |                                                                                                                                     |                                                                                                                                                                                                                                                                 |
|----|--------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3. | Cormlets/ Bulblets of size upto 1 cm diameter <b>requiring post entry quarantine</b>                                                       | (i) Upto 1 kg.<br><br>(ii) Above 1 Kg. and upto 10 kg.                                                                              | Rs.100/-<br><br>Rs.100/- plus Rs.2/- per kg. or part thereof                                                                                                                                                                                                    |
| 4. | Mushroom spawn Culture                                                                                                                     | (i) Upto 1 kg.<br><br>(ii) Above 1 Kg. and upto 10 kg.<br><br>(iii) above 10 kg.                                                    | Rs.100/-<br><br>Rs.100/- plus Rs.2/- per kg. or part thereof<br><br>Rs.280/- plus Rs.10/- per 10 kg. or part thereof.                                                                                                                                           |
| 5. | Seeds for sowing                                                                                                                           | (i) Upto 10 kg.<br><br>(ii) Above 10 kg. and upto 100 kg.<br><br>(iii) Above 100 kg. and upto 1,000 kg.<br><br>(iv) Above 1,000 kg. | Rs.250/-<br><br>Rs.250/- plus Rs.250/- per 10 kg. or part thereof<br><br>Rs.2,500/- plus Rs.1,000/- per 100 kg. or part thereof.<br><br>Rs.11,500/- plus Rs.5,000/- per 1,000 kg. or part thereof.                                                              |
| 6. | Plant material such as seeds/fruits/nuts for consumption<br><br><br><br>Note: Fraction of Kg/Tonne may be rounded off to the nearest unit. | (i) Up to 2 kg.<br><br>(ii) Above 2 kg up to 100 kg.<br><br>(iii) Above 100 kg up to 1000 kg.<br><br>(iv) Above 1000 kg             | Rs. 50/-<br><br>Rs. 50/- plus Rs. 5/- per additional kg.<br><br>Rs. 550/- plus Rs. 2/- per additional kg.<br><br>Rs. 2500/- plus Rs.75/- per additional tonne except in case of pulses;<br><br>Rs. 2500/- plus Rs. 50/- per additional tonne in case of pulses. |
| 7. | (i) Soil, growing media (with soil, peat or other organic materials) and Peat or Sphagnum moss                                             | (i) Upto 10 kgs<br>(ii) Above 10 kgs and upto 100 kgs<br>(iii) Above 100 kgs and upto 1000 kgs                                      | Rs. 50/-<br><br>Rs. 50/- plus Rs. 5/- per additional kg.<br><br>Rs. 500/- plus Rs. 2/- per additional kg.                                                                                                                                                       |

|  |                                                                                                                                                                                                                                                                                                               |                                              |                                                              |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------------------------------|
|  |                                                                                                                                                                                                                                                                                                               | (iv) Above 1000 kgs                          | Rs. 2300/- plus Rs. 50/- per additional tone                 |
|  | (ii) Sand, similar materials: inorganic soil additives, leonardite, lignite, pure sand (silica, zircon, quartz etc.), pure clay like kaolin etc., rock aggregates and gravel, volcanic, pumice, chalk, rock salt, diatomaceous earth, all kinds of ore, vermiculite, perlite, gypsum, geolite etc., and Stone | (v) Upto 1000 kgs<br><br>(vi) Above 1000 kgs | Rs. 100/-<br><br>Rs. 100/- plus Rs. 2/- per additional tone. |

#### B. FUMIGATION/DISINFECTION/DISINFESTATION/SUPERVISION CHARGES

| 1. | 2.                                                                                                                                                                                                                                                                                                  | 3.                                                                                                                                   | 4.                                                                           |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| 1. | Plants / Planting materials/<br>Planting products/Dry<br>fruits/ Fresh fruits/<br>Vegetables/ Seeds.<br><br>[The importer shall arrange for fumigation, disinfestation of consignment at his cost, under the supervision of Plant Protection Adviser or an officer authorize by him in this behalf] | <b>(A) On volume basis</b><br>(i) Upto 5 cu.m<br>(ii) Above 5 cu.m                                                                   | Rs. 600/-<br>Rs. 600/- plus Rs. 300/- per additional 5 cu.m or part thereof. |
|    |                                                                                                                                                                                                                                                                                                     | <b>(B) On container basis</b><br>(i) 20' container<br>(33 cu.m)<br>(ii) 40' Container<br>(66 cu.m)<br><b>(C) Supervision Charges</b> | Rs. 2400/-<br>Rs. 4500/-<br>Rs.500/- per day per consignment                 |

## SCHEDULE-X

[See Clause 2(xii) and Clause 3(3)]

### List of Permit Issuing Authorities for Import of Seeds, Plants and Plant Products and other articles

| S. No.<br>(1) | Issuing Authority<br>(2)                                        | Jurisdiction<br>(3)                                                                                                                                                  | Authorized to issue permits for<br>(4)                                                                                                                                                                                                         |
|---------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.            | Plant Protection Adviser                                        | All notified points of entry                                                                                                                                         | All kinds of plants/plant materials and other items as: insects, microbial cultures, biocontrol agents, soil, growing media (with soil, peat or other organic materials), sand, peat or sphagnum moss, similar materials and stone etc.        |
| 2.            | Additional Plant Protection Adviser (PQ)                        | All notified points of entry                                                                                                                                         | All kinds of plants/plant materials and other items as: insects, microbial cultures, biocontrol agents, soil, growing media (with soil, peat or other organic materials), sand, peat or sphagnum moss, similar materials and stone etc.        |
| 3.            | Director, National Bureau of Plant Genetic Resources, New Delhi | New Delhi                                                                                                                                                            | All kinds of import of plant germplasm for public/private sectors/ Institutions in the country.                                                                                                                                                |
| 4.            | Officer-In-Charge, National Plant Quarantine Station, New Delhi | (i) New Delhi Airport<br>(ii) All Notified points of entry in Northern Zone in the States of Delhi, Haryana, Himachal Pradesh, J&K, Rajasthan, U.P. and Uttaranchal. | Import of all kind of plants/plant materials for sowing, planting , propagation and consumption and other items as: soil, growing media (with soil, peat or other organic materials), sand, peat or sphagnum moss, similar material and stone. |
| 5.            | Officer-In-Charge, Regional Plant Quarantine Station, Amritsar  | (i) Amritsar Airport<br>(ii) All notified points of entry bordering Pakistan in the States of Punjab & UT Chandigarh                                                 | Import of all kind of plants/plant materials for sowing, planting, propagation and consumption and other items as: soil, growing media (with soil, peat or other organic materials), sand, peat or sphagnum moss, similar material and stone.  |
| 6.            | Officer-In-Charge, Regional Plant Quarantine Station , Chennai  | (i)Chennai Airport/Seaport<br>(ii)All notified points of entry in Southern Zone in                                                                                   | Import of all kind of plants/plant materials for sowing, planting, propagation and consumption and other items                                                                                                                                 |

|     |                                                               |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                |
|-----|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                               | the States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, UTs A&N Islands, Lakshadweep and Pondicherry.                                                                                                                    | as: soil, growing media (with soil, peat or other organic materials), sand, peat or sphagnum moss, similar material and stone.                                                                                                                 |
| 7.  | Officer-In-Charge, Regional Plant Quarantine Station, Kolkata | (i) Kolkata Airport/Seaport<br>(ii) All notified points of entry in Eastern Zone in the States of Arunachal Pradesh, Assam, Bihar, Jharkhand, Meghalaya, Manipur, Nagaland, Orissa, Sikkim, Tripura, West Bengal and Mizoram. | Import of all kind of plants/ plant materials for sowing, planting, propagation and consumption and other items as: soil, growing media (with soil, peat or other organic materials), sand, peat or sphagnum moss, similar material and stone. |
| 8.  | Officer-In-Charge, Regional Plant Quarantine Station, Mumbai  | (i) Mumbai Airport/Seaport (ii) All points of entry notified in Western Zone in the States of Goa, Gujarat, M.P., Chhattisgarh, Maharashtra and UT Dadra & Nagar Haveli, Daman & Diu.                                         | Import of all kind of plants/ plant materials for sowing, planting, propagation and consumption and other items as: soil, growing media (with soil, peat or other organic materials), sand, peat or sphagnum moss, similar material and stone. |
| 9.  | Officer-In-Charge, Plant Quarantine Station, Agartala         | Concerned Port of Entry                                                                                                                                                                                                       | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.                                                                                                                                 |
| 10. | Officer-In-Charge, Plant Quarantine Station, Ahmedabad        | Concerned Port of Entry                                                                                                                                                                                                       | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.                                                                                                                                 |
| 11. | Officer-In-Charge, Plant Quarantine Station, Bagdogra         | Concerned Port of Entry                                                                                                                                                                                                       | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.                                                                                                                                 |
| 12. | Officer-In-Charge, Plant Quarantine Station, Banbasa          | Concerned Port of Entry                                                                                                                                                                                                       | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.                                                                                                                                 |
| 13. | Officer-In-Charge, Plant Quarantine Station, Bengaluru        | Andhra Pradesh, Telangana and Karnataka                                                                                                                                                                                       | Import of Plants and Plant materials for consumption and all kinds of soil, growing media (with soil, peat or other organic materials), peat or sphagnum                                                                                       |

|     |                                                               |                         |                                                                                                                     |
|-----|---------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------|
|     |                                                               |                         | moss and mushroom spawn.                                                                                            |
| 14. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Bhavnagar  | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 15. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Bongaon    | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 16. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Calicut    | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 17. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Coimbatore | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 18. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Cochin     | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (iii, v & vi) under the category of soil only. |
| 19. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Guwahati   | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 20. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Haldia     | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 21. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Hyderabad  | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 22. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Jamnagar   | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 23. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Jogbani    | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |

|     |                                                                  |                         |                                                                                                                     |
|-----|------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| 24. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Kakinada      | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 25. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Kalimpong     | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 26. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Kandla        | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 27. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Krishnapatnam | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (iii, v & vi) under the category of soil only. |
| 28. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Lucknow       | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 29. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Mangalore     | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (iii, v & vi) under the category of soil only. |
| 30. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Mundra        | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 31. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Panitanki     | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 32. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Pipavav       | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 33. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Sonauli       | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |

|     |                                                                               |                         |                                                                                                                     |
|-----|-------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| 34. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Raxaul                     | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 35. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Rupaidiha                  | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 36. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Tiruchirapalli             | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 37. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Thiruananthpuram           | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 38. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Tuticorin                  | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (iii, v & vi) under the category of soil only. |
| 39. | Officer-In-Charge,<br>Plant Quarantine Station,<br>Vishakhapatnam,            | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 40. | Officer-In-Charge,<br>Central Integrated Pest<br>Management Centre, Goa       | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 41. | Officer-In-Charge,<br>Central Integrated Pest<br>Management Centre, Indore    | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 42. | Officer-In-Charge,<br>Central Integrated Pest<br>Management Centre,<br>Nagpur | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |
| 43. | Officer-In-Charge,<br>Central Integrated Pest<br>Management Centre, Patna     | Concerned Port of Entry | Import of Plants and Plant materials for consumption and other items (v & vi) under the category of soil only.      |

## **SCHEDULE-XI**

**[See clause 2 (xi)]**

### **PART - I**

#### **List of Inspection Authorities for Certification of Post entry quarantine facilities and inspection of growing plants**

| <b>S. No.<br/>(1)</b> | <b>State/Union Territory<br/>(2)</b> | <b>Jurisdiction<br/>(3)</b>                                  | <b>Designated Inspection Authorities.<br/>(4)</b>                                                                                                                        |
|-----------------------|--------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                    | Andaman & Nicobar Islands            | Entire Union Territory                                       | Officer-in-charge,<br>Indian Council of Agricultural Research,<br>Research Complex, Port Blair.                                                                          |
| 2.                    | Andhra Pradesh                       | Entire State                                                 | Head, Division of Plant Pathology,<br>Andhra Pradesh Agricultural University,<br>Hyderabad.                                                                              |
| 3.                    | Arunachal Pradesh                    | Entire State                                                 | Joint Director,<br>Indian Council of Agricultural Research,<br>Research Complex for North-Eastern Hill<br>Region, Arunachal Pradesh Center,<br>Basar, Arunachal Pradesh. |
| 4.                    | Assam                                | Entire State                                                 | Head, Division of Plant Pathology,<br>Assam Agricultural University, Jorhat.                                                                                             |
| 5.                    | Bihar                                | Except North and<br>South Chota<br>Nagpur, Santhal<br>Region | Head, Division of Plant Pathology,<br>Rajendra Agricultural University,<br>Pusa, Bihar.                                                                                  |
| 6.                    | Bihar                                | North and South<br>Chota Nagpur,<br>Santhal Region.          | Head, Division of Plant Pathology,<br>Bisra Agricultural University,<br>Ranchi, Bihar.                                                                                   |
| 7.                    | Chandigarh                           | Entire Union<br>Territory                                    | Head, Division of Plant Pathology,<br>Punjab Agricultural University, Ludhiana..                                                                                         |
| 8.                    | Daman & Diu                          | Entire Union<br>Territory                                    | Head, Division of Plant Pathology,<br>Gujarat Agricultural University,<br>Banaskantha.                                                                                   |
| 9.                    | Delhi                                | Entire Union<br>Territory                                    | Head, Division of Plant Pathology and<br>Mycology,<br>Indian Agricultural Research Institute,<br>New Delhi –110012.                                                      |
| 10.                   | Goa                                  | Entire State                                                 | Officer-in-charge,<br>Indian Council of Agricultural Research,<br>Research Complex for Goa, Ele<br>Farm, Ele, Old Goa-403 402.                                           |



|     |                  |                                                                                                                      |                                                                                                                              |
|-----|------------------|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 11. | Gujarat          | Entire State                                                                                                         | Head, Division of Plant Pathology,<br>Gujarat Agricultural University, Dantiwada.                                            |
| 12. | Haryana          | Entire State                                                                                                         | Head, Division of Plant Pathology,<br>Haryana Agricultural University, Hissar.                                               |
| 13. | Himachal Pradesh | Entire<br>State(Agriculture)                                                                                         | Head, Division of Plant Pathology,<br>Himachal Pradesh Krishi Vishva Vidyalaya,<br>Palampur.                                 |
| 14. | Himachal Pradesh | Entire State<br>(Horticulture and<br>Forestry)                                                                       | Head, Division of Plant Pathology,<br>Dr. Y.S. Parmar University of Horticulture<br>and Forestry, Solan.                     |
| 15. | Jammu & Kashmir  | Entire State                                                                                                         | Head, Division of Plant Pathology,<br>Sher-e-Kashmir Agricultural University of<br>Science and Technology,<br>Srinagar/Jammu |
| 16. | Karnataka,       | Shimoga,<br>Chitterdurga, South<br>Kanada,<br>Chickmagalur,<br>Kolar, Bangalore,<br>Hassan, Coorg,<br>Mandya, Mysore | Head, Division of Plant Pathology,<br>University of Agricultural Sciences,<br>Bangalore 560067.                              |
| 17. | Karnataka        | Belgaon, Bellary,<br>Bidar, Bijapur,<br>Dharwar, Gulbarga,<br>Raichur and Uttar<br>Kannada                           | Head, Division of Plant Pathology,<br>Dharwar University of Agricultural<br>Sciences,<br>Dharwar.                            |
| 18. | Kerala           | Entire State                                                                                                         | Head, Division of Plant Pathology,<br>Kerala Agricultural University, Trichur.                                               |
| 19. | Laskshadweep     | Entire Union<br>Territory                                                                                            | Head, Division of Plant Pathology,<br>Kerala Agricultural University, Trichur.                                               |
| 20. | Madhya Pradesh   | All districts of state<br>except Raipur,<br>Durg, Rajnandgaon,<br>Bilaspur, Rajgarh,<br>Surguja and Bastar           | Head, Division of Plant Pathology,<br>Jawahar Lal Nehru Krishi Vishva Vidyalaya,<br>Jabalpur.                                |
| 21. | Madhra Pradesh   | Raipur, Durg,<br>Rajnandgaon,<br>Bilaspur, Rajgarh,<br>Surguja and Bastar                                            | Head, Division of Plant Pathology,<br>Indira Gandhi Krishi Vishva Vidyalaya,<br>Raipur.                                      |

|     |             |                                              |                                                                                                                                 |
|-----|-------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 22. | Maharashtra | Konkan and Revenue Division of Bombay        | Head, Division of Plant Pathology, Konkan Krishi Vidyapeeth, Dapoli.                                                            |
| 23. | Maharashtra | Revenue Division of Pune and Nasik           | Head, Division of Plant Pathology, Mahatma Phule Agricultural University, Rahuri.                                               |
| 24. | Maharashtra | Revenue Division of Aurangabad (7 districts) | Head Division of Plant Pathology, Marathwada Agricultural University, Parbhani.                                                 |
| 25. | Maharashtra | Revenue Division of Nagpur and Amravati      | Head Division of Plant Pathology, Punjab Rao Krishi Vidyapeeth, Akola.                                                          |
| 26. | Manipur     | Entire State                                 | Indian Council of Agricultural Research, Research Complex for North-Eastern Hill Region, Manipur Center, Lamphelpat, Manipur.   |
| 27. | Meghalaya   | entire State                                 | Indian Council of Agricultural Research, Research Complex, Meghalaya.                                                           |
| 28. | Mizoram     | Entire State                                 | Indian Council of Agricultural Research, Research Complex for North-Eastern Hill Region, Mizoram Center, Kelasib, Mizoram.      |
| 29. | Nagaland    | Entire State                                 | Indian Council of Agricultural Research, Research Complex for North-Eastern Hill Region, Nagaland Center, Jharnapani, Nagaland. |
| 30. | Orissa      | Entire State                                 | Head, Division of Plant Pathology, Orissa University of Agriculture and Technology, Bhubaneswar.                                |
| 31. | Pondicherry | Entire Union Territory                       | Head, Division of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore.                                              |
| 32. | Punjab      | Entire State                                 | Head, Division of Plant Pathology, Punjab Agricultural University, Ludhiana.                                                    |
| 33. | Rajasthan   | Entire State                                 | Head Division of Plant Pathology, Rajasthan Agricultural University, Bikaner.                                                   |

|     |               |                                               |                                                                                                                                        |
|-----|---------------|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 34. | Sikkim        | Entire State                                  | Head, Indian Council of Agricultural Research, Research Complex for North-Eastern Hill Region, Sikkim Center, Tadong, Gangtok, Sikkim. |
| 35. | Tamil Nadu    | Entire State                                  | Head, Division of Plant Pathology, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu.                                         |
| 36. | Tripura       | Entire State                                  | Officer-in-charge, Indian Council of Agricultural Research, Research Complex, Agartala, Tripura.                                       |
| 37. | Uttar Pradesh | Lucknow, Jhansi, Agra and Allahabad Division  | Head Division of Plant Pathology, Chandrasekhar Azad University of Agriculture and Technology, Kanpur.                                 |
| 38. | Uttar Pradesh | Kumaon, Garhwal, Rohilkhand, Meerut Division. | Head Division of Plant Pathology, G.B. Pant University of Agriculture and Technology, Pantnagar.                                       |
| 39  | Uttar Pradesh | Faizabad, Gorakhpur and Varanasi Division     | Head Division of Plant Pathology, Narendra Dev University of Agriculture and Technology, Faizabad.                                     |
| 40. | West Bengal   | Entire State                                  | Head, Division of Plant Pathology, Bidhan Chandra Krishi Vishva Vidyalaya, Kalyani, Mohanpur, Nadia (West Bengal).                     |
| 41  | Karnataka     | Entire State                                  | Head, Division of Plant Pathology, IIHR, Hessarghatta, Bangalore, Karnataka.                                                           |

## PART – II

### LIST OF INSPECTION AUTHORITY FOR CERTAIN SPECIFIED PURPOSES

| S.No.<br>(1) | Name of Inspection Authority<br>(2)                                               | Jurisdiction<br>(3) | Purpose<br>(4)               |
|--------------|-----------------------------------------------------------------------------------|---------------------|------------------------------|
| 1.           | Head, Advance Center for Plant Virology, IARI, PUSA, New Delhi                    | Entire Country      | Tissue Culture raised plants |
| 2.           | Head, Indian Institute of Horticultural Research, Hesarghatta, Bangalore          | Entire Country      | Tissue Culture raised plants |
| 3.           | Head, Institute of Himalayan Bio-resources Technology, Palampur, Himachal Pradesh | Entire Country      | Tissue Culture raised plants |

**SCHEDULE-XII****[See clause 3 (4)]****Quantities of seeds permitted for trial purpose/accession to gene bank of National Bureau of Plant Genetic Resources.**

| <b>Crop Species</b> | <b>Multi-location Trials (MLT)(Kg)</b> | <b>Agronomic Trials (AT)(Kg)</b> | <b>MLT+ AT (Kg)</b> | <b>Accession To gene bank (Gm)</b> |
|---------------------|----------------------------------------|----------------------------------|---------------------|------------------------------------|
| 1. Black gram       | 6.0                                    | 14.0                             | 20.0                | 200/2500                           |
| 2. Castor           | 6.0                                    | 9.0                              | 15.0                | 900/4500                           |
| 3. Chick pea        | 30.0                                   | 70.0                             | 100.0               | 800/2500                           |
| 4. Cowpea           | 10.0                                   | 20.0                             | 30.0                | 300/2500                           |
| 5. Green gram       | 6.0                                    | 14.0                             | 20.0                | 500/2500                           |
| 6. Groundnut (Pod)  | 50.0                                   | 100.00                           | 150.00              | 900/2500                           |
| 7. Lentil           | 10.0                                   | 20.0                             | 30.0                | 70/2500                            |
| 8. Linseed          | 10.0                                   | 15.0                             | 25.0                | 15/2500                            |
| 9. Maize            | 10.0                                   | 10.0                             | 20.0                | 700/4500                           |
| 10. Minor millet    | 4.0                                    | 6.0                              | 10.0                | 15/4500                            |
| 11. Niger           | 4.0                                    | 4.0                              | 8.0                 | 10/4500                            |
| 12. Paddy           | -----                                  | -----                            | 16.0                | 50/2500                            |
| 13. Pearl millet    | 2.0                                    | 3.0                              | 5.0                 | 15/4500                            |
| 14. Peas            | 30.0                                   | 70.0                             | 100.0               | 600/2500                           |
| 15. Pigeon pea      | 6.0                                    | 14.0                             | 20.0                | 400/2500                           |
| 16. Rajmah          | 20.0                                   | 30.0                             | 50.0                | 500/2500                           |
| 17. Rape/ Mustard   | 2.0                                    | 3.0                              | 5.0                 | 6/2500                             |
| 18. Safflower       | 4.0                                    | 6.0                              | 10.0                | 100/4500                           |
| 19. Sesamum         | 2.0                                    | 3.0                              | 5.0                 | 6/2500                             |
| 20. Sunflower       | 4.0                                    | 6.0                              | 10.0                | 100/4500                           |
| 21. Sorghum         | 4.0                                    | 6.0                              | 10.0                | 35/4500                            |
| 22. Soybean         | 20.0                                   | 55.0                             | 75.0                | 400/2500                           |
| 23. Wheat           | -----                                  | -----                            | 5.0                 | 150/2500                           |

\*The seed size varies considerably from variety to variety of crop. Hence, number of seeds per variety as per the gene bank standards for self/cross pollinated is also given for each crop. Seeds should not be treated with any chemical.