

## **The Gazette of India**

EXTRAORDINARY PART-II-Section 3-Sub-section (ii) PUBLISHED BY AUTHORITY

No. 1037

#### 7 NEW DELHI, TUESDAY. NOVEMBER 18, 2003/KARTIKA 27, 1925

#### MINISTRY OF AGRICULTURE (Department of Agriculture & Cooperation)

#### NOTIFICATION New Delhi, the 18<sup>th</sup> November, 2003.

S.O.1322 (E). — 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 prickled 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 notified by the Central Government from time to time or an officer of the Directorate of Plant Protection, Quarantine & Storage duly authorized by the Plant Protection Adviser (PPA) for the purpose of approval and certification of post-entry quarantine facilities and inspection of growing plants in such facilities in accordance with guidelines issued by PPA;
- (xii) "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;
- (xiii) "notification" means a notification published in the official Gazette and the expression "notifies" shall be construed accordingly;
- (xiv) "noxious weeds" mean any weed harmful or hazardous or unwholesome to human beings, animal life or parasitic on plant species;
- (xv) "packing material" means any kind of material of plant origin used for packing, which shall include hay, straw, wood savings, wood chips, saw dust, wood waste, wooden pallets, dunnage mats, wooden packages, coir pith, peat or sphagnum moss etc;
- (xvi) "pest" means any biotic agent capable of causing any injury or damage to plants and plant products and include any form or stage of insects, mites, snails, slugs, worms, nematodes, algae, fungi, protozoa, bacteria, actinomycetes, viruses, viroids and molecutes and also include genetically engineered or modified organisms and weeds;

- (xvii) "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;
- (xviii) "phytosanitary certificate" means a certificate issued in the model format prescribed under the International Plant Protection Convention of the Food & Agricultural Organization and isssued by an authorized officer at the country of origin of consignment or re-export;
- (xix) "plant" means a living plants and parts thereof including seed and germplasm;
- (xx) "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.
- (xxi) "Plant Protection Adviser" means the Plant Protection Adviser to the Government of India, Directorate of Plant Protection, Quarantine and Storage;
- (xxii) "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-III or Schedule-III as the case may be;
- (xxiii) "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;
- (xxiv) "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;
- (xxv) "regulated article" means any article the import of which is regulated by this order;
- (xxvi) "schedule" means a Schedule to this Order;
- (xxvii) "seeds" mean seeds of agricultural and horticultural crops and forest plant species produced by sexual reproduction and shall include naked seeds (cones) produced by gymnosperms and seed sprouts meant for propagation or consumption.
- (xxviii)"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.
- (xxix) "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;.

(xxx) "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;

## CHAPTER II General conditions for import

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

- (1) No consignment of plants and plant products and other regulated articles (hereinafter referred to as 'consignments') shall be imported into India without a valid permit issued under this Order.
- (2) No categories of plant materials 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) Every applications for a permit under this clause shall be made at least one month in advance to the Issuing Authority as listed in Schedule-X, in Form PQ 01 for the import of plants and plant products for consumption and processing and in form PQ 02 for import of seeds and plants for propagation covered under Schedule-V, VI and VII.
- (4) Commercial 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, except the trial material of the same as specified in Schedule-XII of Plant Quarantine Order.
- (5) A fee of Rs.150/- shall be payable along with the application for the import of seeds, fruits and plants for consumption and Rs.300/- for application for the import of seeds and plants for sowing or planting and the fee shall be payable in the form of Demand Draft payable to the Competent Authority having jurisdiction.
- (6) The Issuing Authority as listed in Schedule-X shall issue permit in quadruplicate in form PQ 03 for import of plants and plant products for consumption and in form PQ 04 for import of seeds and plants for sowing or planting, if he is satisfied that the applicant meets all the necessary conditions. One copy of import permit shall be forwarded to the exporter in advance to facilitate incorporation of import permit number in the phytosanitary certificate issued by the exporting country. The import permit shall be issued subject to such restrictions and conditions prescribed under Schedule-V, VI and VII.
- (7) No import permits shall be issued for consignments other than those listed in Schedule-V, VI and VII, unless the pest risk analysis (PRA) is carried out in accordance with the guidelines issued by the Plant Protection Adviser (PPA) based on the international standards and subject to such restrictions and conditions specified there of. For this purpose the importer shall file an Import PRA request form with PPA. The process of PRA involves the categorization of pests associated with the commodity into quarantine pests; evaluation of their introduction potential; critical assessement 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 a period of six months from the data of issue and valid for successive shipment provided the exporter and importer, bill of entry, country of origin and phytosanitary certificate are the same for the entire consignment. The issuing authority may, on request, extend the period of validity for a further period of six months after charging Rs. 200/- and Rs. 100/- as revalidation fee for propagation and consumption plant material respectively 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. The quantity mentioned in the import permit if exceeds by up to 10% maybe allowed by charging additional inspection fee and import permit fee provided the excess quantity reflected in the phytosanitary certificate from the country of exporting. The import permit will become invalid if quantity exceeds more than 10% of the quantity of import permit. Suppression of the facts or any material information while issue of import permit is liable to be cancelled or with drawn.
- (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) An orange and green colour tag shall be issued in form PQ 05 in the case of permits issued for import of seeds and plants for sowing or planting so as to facilitate the identification of consignments at the time of their arrival at the point of entry.
- (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) All consignments of seeds and plants for propagation and regulated articles such as live insects, microbial cultures, bio-control agents and soil shall only be imported into India through regional plant quarantine stations of Amritsar, Chennai, Kolkata, Mumbai or New Delhi or through any other points of entry as may be notified from time to time for this purpose, provided that no import of germplasm/transgenic plant material and genetically modified organisms shall be permitted through New Delhi Airport.

- (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, 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.
- (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 any where in India

(20) No consignment shall be permitted import unless accompanied by a Phytosanitary Certificate issued by an authorized officer at the country of origin in the form PQ 21 or at the country of reexport in form PQ 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.

- (21) No consignment packed with the packaging material specified in clause 2(xiii) of this order shall be permitted import unless appropriately treated. The treatments shall include heat-kiln treatment at  $56^{0}$  C for a minimum of 30 hrs or Methyl Bromide fumigation at 48 g/cum for 32 hours or chemical impregnation of wood with wood preservatives such as copper chrome arsenic or any other approved treatment as per international standards and the treatment shall be endorsed in phytosanitary certificate.
- (22) No article packed with packaging materials shall be released by the proper officers of customs unless the consignment is accompanied by a phytosanitary certificate in respect of said packing material;

Provided that if no phytosanitary certificate is furnished in respect of said packaging material, the proper officer of customs shall grant out of charge only after clearance is obtained from local plant quarantine authorities, who shall grant clearance from the quarantine angle and may, if deemed fit, subject the said packaging material to treatment at the expense of importer.

Provided further nothing contained in this clause shall be applicable to packaging materials in respect of bonafide passenger baggage containing goods other than plants and plant products.

- 4. Import of soil, etc. No import of soil, earth, compost, sand, plant debris along with plants, fruits and seeds shall be permitted except under the following conditions: -
  - (i) The consignments of soil, earth, clay and similar material for any microbiological, soilmechanics, or mineralogical investigations and peat for horticultural purposes may be permitted through specified air or sea ports or land custom station, on applications made for that purpose;
  - (ii) The application for the purpose referred to in (i) above shall be made to the Plant Protection Adviser, at least one month in advance, in form PQ 06 along with a registration fee of Rs. 200/- by a bank draft drawn in favour of Accounts Officer, Directorate of Plant Protection, Quarantine & Storage, N.H.IV., Faridabad-121001.
  - (iii) The Plant Protection Adviser 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

- (iv) The consignments soil, peat or sphagnum moss etc., shall be inspected, fumigated, disinfected or disinfested by the importer from an agency approved by the Plant Protection Adviser under the supervision of an officer duly authorized by Plant Protection Adviser.
- 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 research/experimental purpose without valid permit issued by the Director, National Bureau of Plant Genetic Resources, New Delhi -110012.
- (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 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 microorganisms, 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. Permit required for import of live insects and microbial cultures -

- (1) No Consignment of live insects, microbial cultures or bio-control agents shall be permitted into India without valid import permit issued by the Plant Protection Adviser.
- (2) Every application for permit to import insects or microbial cultures including algae or biocontrol agents, shall be made in the form PQ12 at least two months in advance to Plant Protection Adviser along with a fee of Rs. 200/- 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 Plant Protection Adviser shall issue the permit in Form PQ13 in triplicate, if satisfied of the purpose for which import is made and subject to such conditions imposed thereon. A yellow-green colour tag or label in the form PQ14 shall be issued which shall be affixed on the parcel at the time of export.

(4) All the consignments of insects, microbial cultures and bio-control agents shall be permitted only through specified points of entry. 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.

## 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 offload 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. Permit for import of timber –

- (1) No consignment of timber shall be permitted import unless the following conditions and requirements are met with, namely:-
  - (a) The timber shall be stripped off its bark, either be squared or rounded and accompanied by an official statement that the wood has been appropriately fumigated/treated and such treatment shall be endorsed in the phytosanitary certificate issued at the country of origin or re-export, as the case may be;
  - (b) The timber shall be marked 'kiln-dried' or with any internationally recognized mark.
- (2) All the consignments of timber shall be inspected on board prior to unloading at the port of arrival by an officer duly authorised by PPA and, if necessary, fumigated/treated on board before unloading.

Provided that the above conditions shall not apply for containerized cargo, which shall be inspected by an authorized PQ officer after unloading of the containers from the ship at the port/container freight station or Inland Container Depots under the jurisdiction of concerned Plant Quarantine Station.

## 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 not be permitted to be imported except when specifically authorized or covered under import permit issued by an appropriate issuing authority and subject to such restrictions and conditions specified in this Chapter.
- (2) Every consignment of plant species herein specified in Schedule-V and VI shall be accompanied by a Phytosanitary Certificate issued by the authorized officer at country of origin or Phytosanitary Certificate-reexport issued by the country of re-export along with attested copy of original phytosanitary certificate, 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 as supported by documentary evidence thereof.
- (3) General conditions shall apply to all consignments including in respect of those mentioned in Schedule V, VI and VIII.

#### CHAPTER IV Post-entry Quarantine

#### 11. Post-entry Quarantine -

- (1) Plants and seeds, which require post-entry quarantine as laid down in Schedule II 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 postentry 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 permit and the phytosanitary certificate in relation 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.
- (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) Not with standing such repeal, an import permit issued by any competent authority, which is in force immediately before the commencement of this Order and which is consistent with this Order, shall continue in force 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

#### <u>PQ Form 01</u>

## Application for permit to import plants/plant products for consumption or processing

То	1		
10			
(Issuing Authority)			
(			
I/We hereby make an application, in ac	cordance with	provisions of c	lause 3 of the Plant
Quarantine (Regulation of Import into India)			
the Destructive Insects & Pests Act, 1914 (2 c			
plants/plant products for consumption/process	, <b>1</b>	-	-
1. Name & address of Importer	2. Name & ad	dress of export	er
3. Country of origin/re-export	4. Foreign po	rt of shipment	
5. Approximate date of arrival of shipment			
6. Point of entry	7. Means of co	onveyance	
8- Description of plants/plant products	9. Quantity	10. No of	11. Mode of packing
(Common /botanical name)	(Wt./Volume)	packages	
12. Whether transgenic or not?			
14. Purpose of import			
15. Particulars of documents, if any			
attached.			
Declaration			

I/We hereby declare that the information furnished above is correct and complete in all respects and undertake to pay to pay to an officer duly authorized by PPA, the prescribed fees towards inspection, fumigation, treatment or supervision and abide by the instructions/guidelines issued by him.

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

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

(Name & Signature of

Importer or

(Seal)

his authorized Agent)

Application for permit to import plants/plant materials for sowing/planting/propagation

То		

(Issuing Authority)

I/We hereby make an application, in accordance with provisions of clause 3 of the Plant Quarantine (Regulation of Import into India) Order, 2003 made under Sub-section (1) of Section 3 of the Destructive Insects & Pests Act, 1914 (2 of 1914) for permission to import following plants/plant material for sowing/planting/propagation:

	F8	1			
1. Name & address of Importer		2. Name & ac	2. Name & address of exporter		
_			-		
			0.11		
3. Country of origin/re-export		4. Foreign po	ort of shipmen	t	
5. Approximate date of arrival of	shipment				
6. Point of entry	1	7. Means of c	onvevance		
8- Description of plants/plant	9.Variety/	10. Quantity	11. No of	12.Mode of packing	
	-			12. Wode of packing	
materials (Common /botanical	hybrid	(Wt./Nos)	packages		
name)					
13. Whether transgenic or not?					
14. Name of location of post-entr	ry				
quarantine facility, where applicable?					
Americano monte, successive appresentes					
15 Durnoss of import					
15. Purpose of import					
16. Particulars of documents, if a	iny				
attached.					

## Declaration

I/We hereby declare that the information furnished above is correct and complete in all respects and undertake to pay to pay to an officer duly authorized by PPA, the prescribed fees towards inspection, fumigation, treatment or post-entry quarantine inspection of the above consignment and abide by the instructions/guidelines issued by him.

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

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

Seal

(Name & Signature of Importer or his authorized Agent)

Government of India Ministry of Agriculture						
Ministry of Agriculture (Department of Agriculture & Cooperation)						
Directorate of Plant Protection, Quarantine & Storage,						
		, (				
Permit for Import of Plants/P	'lant prod	ucts for Consun	nption/Processi	ng		
Permit No		Date	e of issue			
			id up to			
In accordance with the provisions of	clause 3 (6	6) of the Plant Qu	arantine (Regul	ation of Import		
into India) Order, 2003 issued under Sub-sec	. ,					
Act, 1914 (2 of 1914), I hereby grant permis	ssion to im	port the following	ng plants/plant p	roducts for		
consumption/processing as detailed below:						
1. Name and address of importer	2.	Name and addres	ss of exporter			
3. Country of Origin/Re-export	4.	Point of entry				
5. Description of plant/plant products		6. Quantity	7 No. of	8. Mode of		
(Common/Scientific Name)		(Wt./vol.)	packages	packing		
9. The above permission is granted subject to		-	, ·	1 1 /		
(1) The consignment of plants/plant produ	ucts shall t	be free from soil,	weed species ar	nd plants		
debris.	d hay a Dha	to conitomy Contif	Casta /Dharta asa	Cartificate		
(2) The consignment shall be accompanie						
re-export issued by an authorized offic as the case may be, with an additional				)		
(a)(b)						
(b) (c)						
(d)						
or that above specified pests do not occur in the country or state of origin.						
(3) The permit is not transferable and value						
on the phytosanitary certificate issued			e-export, as the c	case may be.		
Date	Seal	Name				
Place:		Signature				
		Designation	•.			
of Issuing Authority						

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

#### Permit for Import of Plants/Plant materials for Sowing/Planting/Propagation

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

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

Valid up to

In accordance with the provisions of clause 3 (6) 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 plants/plant materials for sowing/planting/propagation as detailed below:

1. Name and address of importer		2. Name a	nd address of ex	porter	
3. Country of Origin/Re-export		4. Point of	f entry		
5 Description of Plant species (Common/botanical name)	6. Variety/l	nybrid	7. Quantity (Wt./nos.)	8. No. of packages	9. Mode of packing

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

(1) the consignment of plants/plant materials 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:

i	a)	
	~	

b)\_\_\_\_\_ c)\_\_\_\_\_

. or that above specified pests do not occur in the country or state of origin. (ii) Certified that the plants/plant materials 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

(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.

Date:		Name
Place:	(Seal)	Signature
		Designation of Issuing Authority

## **ORANGE/GREEN COLOUR TAG**

Face of Tag

Permit No.
Valid up

to
Valid up

This package contains perishable plants/plant materials.
Rush and deliver
To
Officer-In-Charge,
Plant Quarantine and Fumigation Station
Airport/Seaport/Land custom station

**Reverse of Tag** 

**Directions for sending plants/planting materials** 

Under this tag only materials covered under above Permit should be booked

Any other material may be confiscated

Place inside the package the importer's name and address, Invoice and official phytosanitary certificate issued by authorized officers in the country of origin. In case of imports by Sea, rush all documents to consignee by aid

Attach Tag securely to consignment

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

То				
The Plant Protection Adviser				
to the Government of India,				
Directorate of Plant Protection, Qua	rantine &			
Storage,				
NH-IV, Faridabad, (Haryana)-1210				
I/We hereby make an applicat		-		
Quarantine (Regulations of Import i				
			import soil/peat or Sphagnum moss or	
other growing media of plant origin				
1. Name & Address of the imp	orter	2. Name and ad	ddress of exporter	
3. Country of origin		4. Foreign port	t of shipment	
5. Approximate date of import				
6. Point of entry		7. Means of conveyance		
9 Description of energine modily		10 Nf	11 Mada of modeling	
8. Description of growing media	9. Quantity	10 .No of	11. Mode of packing	
(soil/peat or Sphagnum-moss etc.)		packages		
12 Specific numbers of import				
12 Specific purpose of import				
Declaration				
	4 <b>CC</b>	1	the Diant Durther Adaminent the	
• • •		• •	the Plant Protection Adviser the	
prescribed fees towards inspection,	0	reatment of the co	onsignment and ablde by the	
instructions/guidelines issued by hir	11.			
Data				
Date Place:				
		(Signatu	are & Name of the	
			or or his authorized agent)	
		importe	i of fils authorized agent)	

19

Government of India Ministry Agriculture Department of Agriculture & Co-operation, Directorate of Plant Protection, Quarantine & Storage, NH-IV, Faridabad (Haryana) - 121001.								
Permit for impor	rt of soil/peat or	Sphagnum	moss/ot	her growing media	of plant origin			
Permit No								
In accordance wit India) Order, 2003 issue 1914 (2 of 1914), I here soil/peat/ <i>Sphagnum</i> mos	d under Sub-secti by grant permission	ion (1) of So on to impor	ection 3 t the foll	owing consignment of	sects & Pests Act,			
1. Name and address of importer     2. Name and address of exporter								
3. Country of origin			4. Point of entry					
5. Description of consig	nment	6. Quantit	у	7. No of Packages	8. Mode of Packing.			
9.The above permission	9.The above permission is granted subject to the following conditions:							
<ul> <li>(1) The imported consignment shall be accompanied by an official certificate issued by an authorized officer in the country of origin stating that         <ul> <li>(a)</li> <li>(b)</li> </ul> </li> </ul>								
<ul> <li>c)</li></ul>								
Date		Name	&					
Place:	Signature: Designation							

## Application For Permit To Import Germplasm/Transgenics/Genetically Modified Organisms (GMO's) For Research Purpose.

(GMO's) For Resear	ch Purpose.	
То		
The Director,		
National Bureau of Plant Genetic Resources,		
Pusa Campus, New Delhi-110012		
I hereby apply for a permit in accordance with provisions of clau		
into India) Order, 2003 issued under the Sub-section (1) of Section (3)		
<ol> <li>1914), authorizing the import of plants/planting materials for research j</li> <li>Name and address of the applicant</li> </ol>	burposes as per details gi	ven below:
1. Ivanie and address of the applicant		
2. Exact description of Seeds/Planting Material s to be		
imported:		
(a) Common and botanical name:		
(b) Germplasm/variety/hybrid/composite/synthetic		
provenance/clone/others		
(c) Form of material required (seed/rooted plants/		
scions/ tubers/cuttings/bulbs in vitro cultures		
(d) Parentage, if known		
3. Place of collection/origin of material to be imported		
(country/state)		
4 Whether transgenic/GMO or not?		
[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.)		
(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		
Declaration		
I hereby declare that the germplasm under import has no com	nercial value/exclusive	ownership and may be shared
freely for research purposes.		
Place: Date: Signa	ture of the Applicant &	Address
Ear further information contact Tal No 01/11/5792607 5720275	and of the reprictant &	

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

National Bureau of Plant Genetic Resources (ICAR) New Delhi 110012						
Permit For Import Of Ge	ermplas			ied Organisms	For Research	
Permit No		Pur	pose. Date of	issue		
1 cmint 100				p to		
In accordance with the provisi	ions of c	clause 6 (2) of t				
India) Order 2003 issued unde						
I hereby grant permission to in specified						
1. Name and address of impor	rter		2. Name and addre	ess of exporter		
3. Country of origin			Point of Entry			
4. Description of germplasm/		5. Variety to	6. Quantity	7. No of	8. Mode of	
transgenic/Genetically modi	fied	be imported	(Weight/Nos.)	Pakages	Packing	
organism (Botanical name)		<u> </u>				
9. The above permission is gra	nted sul	oject to followi	ng conditions:-			
<ul> <li>(1) The consignment of germp</li> <li>(2) (i) The consignment shal</li> <li>(re-export issued by an a may be with additional can a)</li> </ul>	ll be aco authoriz	companied by red officer in th	a Phytosanitary Center country of origin	rtificate/Phytosa	anitary Certificate	
(b)						
or that the above spe					n anan (ata alt	
<ul><li>(ii) Certified that the germp which were inspected on found free from:</li></ul>						
(3) The consignment shall be	grown i	n an approved i	post-entry quarantin	e facility establ	ished 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 transfera						
the phytosanitary certificate is			origin or re-export a	is the case may	be.	
Place: New Delhi	Seal					
Date:		Signatu				
		Director		(' D		
		Nationa	l Bureau of Plant G	enetics Resource	ces	

Г

Face of the Tag or Label

## YELLOW/GREEN TAG OR LABEL

Permit No.	
Valid upto_	

This package contains germplasm, which is highly perishable. Do not open the package

Rush And Deliver To

Director National Bureau of Plant Genetic Resources NEW DELHI –110012

**Reverse of the Tag or Label** 

## **Directions for Sending/Mailing germplasm**

The consignments of germplasm shall be addressed only to the Director National Bureau of Plant Genetic Resources, New Delhi-110012.

Under this tag or label only permitted material shall be booked and any other material denied entry and shall be confiscated and destroyed.

Place inside the package the importer's name and address, Invoice and Phytosanitary Certificate.

Attach the Tag or paste the Label securely to the package.

## Face of Label

Red/White I	Label
Permit no.:	
Valid up to:	
This package contains:	
Transgenic lines of plants/genetically engineered microorganisms.	
Do not open except at the bio-safety laboratory of the National Bureau of Plant Genetic Resources in the presence of Research Scientist and Plant Quarantine Authority.	
Rush And Deliver	
To:	
Director	
National Bureau of Plant Genetic Resources NEW DELHI –110012	

#### **Reverse of the Label**

## Directions for mailing transgenic lines of plants/genetically engineered or modifid microorganisms:

Under this label only material covered under the Permit should only be shipped and any other material shall be confiscated and destroyed. The packaging should be confirmed with bio-safety regulations. The inner container should carry name and description of the transgenic line or microorganism and should be hermetically sealed. The outer container shall carry the Consignee's name and address and the Invoice and placed inside secured package. Paste Red/White label on the face of each package.

Do not write any thing on the label. Do not place any delivery address outside package. Write the foreign shippers' name on outside of package and full postage.

## Application for Permit to import live insects/mites/nematodes/microbial cultures including algae/bio-control agents

algae/bio-coi	ntrol agents	
То		
The Plant Protection Adviser to the		
Government of India,		
Directorate of Plant Protection, Quarantine &		
Storage,		
NMV-IV, Faridabad (Haryana)-121001)		
	e with provisions of Clause 7 of Plant Quarantine	
Regulation of Import Order, 2003, made under Sub Insects & Pests Act, 1914 (2 of 1914) for a permissi nematodes/ microbial cultures/ biocontrol agents for below:	on to import of following Insects/ mites/	
1. Description of insects/mites/nematodes/		
microbial cultures/ biocontrol agents intended to		
import (common /scientific names)		
2. Taxon (Class/order/family/ sub-family tribe/		
races or strains)		
3. Stages of the organism		
4. Number of specimens or units		
5. Host species, if any		
(Common/Scientific Name)		
6. Mode of packing & no. of packages and		
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		
<b>Declaration</b> 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 th Date:	is regard.	
Place		

(Seal)

(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/mites/nematode s/microbial cultures including algae/bio- control agents				
	Permit No Date of			
issue			Valid up	
to				
In accordance with pr India) Order, 2003 issued und 1914 (2 of 1914), I hereby gr cultures/ biocontrol agents a 1. Name & Address of Impor	1) of Section 3 of t	he Destructive Ins ing insects/mites/r	ects & Pests Act,	
2 Country of origin		2 Doint of Entr	47 Y	
3. Country of origin		3. Point of Entr	ſy	
5. Description of organism (Common/Scientific Name)	6. Taxon (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:         (1) No substitute is permitted for the kind or organism permitted for import under this permit.         (2) The consignment shall be accompanied by an official certificate issued by an appropriate authority in the country of origin for freedom from:         (a)         (b)         (b)         (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.         (4) The permittee shall intimate the Plant Protection Adviser of any change of address and comply with his instructions.         Date:				
		Stamp of Organiz	zation	

Face of label

## **BLUE/VIOLET LABEL**

Permit No.

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

This package contains: Live insects/mites/nematodes/microbial Cultures/bio-control agents. Do not open except in the presence of plant quarantine authority

RUSH AND DELIVER TO Officer-in-charge Plant Quarantine Station at\_\_\_\_\_

## **Reverse of the Label**

# Directions for mailing live insects/mites/nematodes/microbial cultures including algae/bio/control agents

Under this label only material covered under this Permit should be shipped and any other material be denied entry.

Place within the package the Consignee's name and address and Invoice.

Paste securely the Blue/Violet label on the face of each package.

Do not write anything on this label.

Do not place any delivery address outside package. Place on outside of package name and address of foreign shipper.

### Application For Quarantine Inspection And Clearance Of Imported Plants/Plant Products and Others (Cargo).

Others (Cargo).			
	For PQ Office's use:		
То	Receipt No.	Regis	stration No.
	Date of Receipt	Date	of Registration.
Import into India) Order, 2003 is I/We, file herewith an application imported plants/ plant products a	sued under Destructive Inse n for Plant Quarantine inspe	cts and ction/t	, , , , , , , , , , , , , , , , , , , ,
Description of Consignment:			
1. Name & address of importer	2. Name & address of Exp	porter	[] Import Permit No: dt
3. Consignment	4. Quantity (Wt./vol.)		[] Phytosanitary Certificate No:dt
(Common/botanical name)	4. Quantity (WL/VOL)		[] Fumigation Certificate, if any
5. No. of pieces/ packages/ containers	6. Distinguishing marks		[] Certificate of origin, if any
			[] Bill of Entry No:dt
6. Nature of packing material	shipment		[] Shipping/Airway bill [] Invoice/packing list
Means of conveyance & date of arrival	10. Point of entry		N.B.: Tick out the documents enclosed.
11. Date and place of inspection	12. Shipping/Airway Bill	No.	For PQ Office Use:
	& Date		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		Date:
	Sowing/ planting/ consumption		Signature of PQ staff
<ol> <li>I/we hereby declare that to the and correct.</li> <li>I/We abide by the provisions 2002 and the instructions issued</li> </ol>	of the Plant Quarantine (Re	gulatio	

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

(Signature of 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.

For P Q Off	ïce Use:			
	Assessment of	fees:	Receipt of payment:	
Commodity		Particulars of fees	Received from M/s	
	No. of pieces	(in Rs)	an amount of Rs	
		1. PEQ fees:		
		2. Inspection:	(Rs) (in words)	
		Fees	by cash /DD /BC /PO /T.R.No.	
		1005		
		3. Others:	Dt:	
			drawn on	
			(Name of the bank & branch)	
			towards inspection fees.	
		TOTAL:		
(Rupees		)		
	(In words)		Date:	
Date: by	Assessed by	Checked	Sign. of Cashier Sign. of DDO/	
by	Sign. of staff	Sign. of S/O	Accountant	
	Sign. of Stuff	Sign. of 5/0	The count and	
<i>Quarantine Order</i> (1) The goods listed on this Plant Quarantine Entry form are ordered into Quarantine and are to be				
•		-	-	
Iorwarde	a to this office u	nder escort by Custo	ms for inspection/treatment and further orders.	
(2) The imp	porter/authorized	l agent of the i	mporter is hereby directed to present the	
goods/co	ntainers/vessel	lying at	for	
inspectio	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 im	porter/authorized	l agent of impor	ter is advised to contact this office after	
day(s) for further orders.				
Place:			(Sign. and Designation of Authority)	
			(- 6	

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       (Common/botanical name)         2. Quantity (Wt./nos.)       3. Number of packages/containers and mode of packing         4. Country of origin/re-export and foreign port of shipment       5. Distinguishing marks
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       Image: Common/botanical name)         1. Name of the consignment (Common/botanical name)       Image: Common/botanical name)         2. Quantity (Wt./nos.)       Image: Common/botanical name)         3. Number of packages/containers and mode of packing       Image: Common/botanical name)         4. Country of origin/re-export and foreign port of shipment       Image: Common/botanical name)
1. Name of the consignment (Common/botanical name)         2. Quantity (Wt./nos.)         3. Number of packages/containers and mode of packing         4. Country of origin/re-export and foreign port of shipment
2. Quantity (Wt./nos.)         3. Number of packages/containers         and mode of packing         4. Country of origin/re-export         and foreign port of shipment
3. Number of packages/containers and mode of packing         4. Country of origin/re-export and foreign port of shipment
and mode of packing         4. Country of origin/re-export and foreign port of shipment
4. Country of origin/re-export 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 bill no. and date
10.Date of sampling/inspection/ fumigation or treatment
Date: Name
Place:     Signature       (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		
(Common/botanical name)		
2. Quantity (Wt/nos.)		
3. Number of packages/containers		
4. Country of origin		
& 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		
no. & date		
9 Date of sampling/inspection/		
fumigation or treatment		
Nature of N	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		
ScheduleVIII, 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

Го	
т <i>(</i> ;	

(Inspection Authority)

I/We hereby make an application, in accordance with provisions of Clause11(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

## **Description of Consignment**

## Declaration

- (i) I/We hereby declare that the information furnished above is correct to the best of my/our knowledge and belief.
- (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.
- (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

Date:_	
Place:	

(Signature of importer)

(Emblem)				
(Name of Organisatio)				

## **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.

Name
Signature
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/Wa M/s					
I/We M/sfurnish 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.					
<ul> <li>(2) To intimate the inspection authority/officerof 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.</li> </ul>					
(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 caped glass vials, labels, etc., for the purpose of					
<ul> <li>carrying out inspection.</li> <li>(10) To abide the decision of inspection authority/ officer of the PQ about destruction etc.</li> <li>(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.</li> </ul>					
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		To:				
Plant Protection Organisation		Plant Protection orrganisation(s)				
of		of				
<b>Description Of Consignme</b>	ent					
Name and address of export	er					
	<u> </u>					
Declared name and address	of consignee					
Number and description of	nackages					
Distinguishing marks	рискидез					
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 pla	ants or plant pr	oduct	s 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 consid	lered	to conform to the current phytosanitary regulations			
at the importing country						
Desinfestation and/ or Disinfection Treatment						
Date		Temperature:				
Duration:		Chemical (active ingredient)				
Treatment		Concentration				
Additional						
information:						
Additional declarations :						
Place of issue:	Stamp of		Name &			
	Organization					
Date of issue		-	Signature of authorized officer			
NT C' ' 1 1' 1 '1' ' ' 1	1 *					

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

# PQ Form 22

# MODEL PHYTOSANITARY CERTIFICATE FOR RE-EXPORT

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

Plant Protection Organisation	To: Plant Protection Organisation(s)			
of	of			
(Country of import)	(Country(ies) of re-export)			
Description of Consignment				
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				
	oducts described above were imported into(countrycovered by Phytosanitary Certificate no			
	ch is attached to this Certificate. That they are* packed { }			
	er, that based on the original Phytosanitary Certificate []			
	sidered to conform with the current phytosanitary			
	hat during storage in(country of re-			
	een subjected to the risk of infestation or infection.			
*Insert tick in appropriate boxes				
Desinfestation	and/or Disinfection Treatment			
Date	Duration and temperature			
Treatment	Concentration			
Chemical active	Additional			
ingredients	information			
Additional declarations:				
Place of issue				
(Stamp of	Name &			
Date of issue Organisation)	Ssignature of authorized officer			
No financial liability with respect to this ce	ertificate shall attach to (Name of Plant Protection			

Organisation) ...... Or to any of its officers or representatives\*.

\* Optional clause

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

	Seaports		Airports		Land Frontier Stations
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 (WB)	3.	Attari Rly. Stn.(Punjab)
4.	Calicut (Kerala)	4.	Chennai (TN)	4.	Attari Wagha Border
					Check post (Punjab)
5.	Chennai (Tamil Nadu)	5.	Cochin (Kerala)	5.	Bongaon (WB)
6.	Cochin (Kerala)	6.	Hyderabad (AP)	6.	Gede Road Rly. Stn. (WB)
7.	Cuddalore (TN)*	7.	Mumbai (Maharashtra)	7.	Karimganj (Assam)
8.	Goa* (Goa)	8.	Palam (New Delhi)	8.	Kishanganj (WB)
9.	Gopalpur (Orissa)*	9.	Patna (Bihar)	9.	Moreh (Manipur)
10.	Haldia (WB)*	10.	Tiruchirapalli (TN)	10.	Panitanki (WB)
11.	Jamnagar (Gujarat)*	11.	Trivandrum (Kerala)	11.	Raxual (Bihar)
12.	Beypore (Kerala)*	12.	Varanasi (UP)	12.	Rupehiya (UP)
13.	Kakinada (AP)			13.	Sonauli
14.	Kand la (Gujarat)				
15.	Karwar (Karnataka)*				
16.	Krishnapatnam (AP)*				
17.	Machlipatnam (AP)*				
18.	Mandvi (Gujarat)*				
19.	Mangalore (Karnataka)*				
20.	Mumbai (Maharashtra)				
21.	Mundra (Gujarat)*				
22.	Nagapatnam (TN)*				
23.	Nova Shiva				
	(Maharashtra)				
24.	Navlakhi (Gujarat)*				
25.	Okha (Gujarat)*				
26.	Paradeep (Orissa)*				
27.	Pondicherry*				
28.	Porbander (Gujarat)*				
29.	Rameshwram ((TN)				
30.	Tiruvananthapuram				
31.	(Kerala) Tuticorin (TN)				
	. ,				
32. 33.	Veraval (Gujarat)*				
	Visakhapatnam (AP) Vizhinjam (Kerala)*				
34.	v izininjani (Kerala)				

\* For import of food grains and timber only

# SCHEDULE-I I

[See clause 2 (xxi)]

# List of Inland Container Depots and Container Freight Stations for Import of Plants and Plant Products.

		d Plant Pro	
Place	State	Status	Jurisdiction of PQ Station
1. Tughlakabad	Delhi	ICD	National Plant Quarantine Station, Rangpuri (Delhi)
2. Patparganj	Delhi	CFS	National Plant Quarantine Station,
p	2 • • • •	012	Rangpuri (Delhi)
3. Ballabhgarh	Haryana	CFS	National Plant Quarantine Station,
			Rangpuri (Delhi)
4. Gurgaon	Haryana	CFS	National Plant Quarantine Station,
8	5		Rangpuri (Delhi)
5. Rewari	Haryana	CFS	National Plant Quarantine Station,
	5		Rangpuri (Delhi)
6. Panipat	Haryana	ICD	Regional Plant Quarantine Station,
Ĩ	5		Amritsar
7. Jallandhar	Punjab	CFS	Regional Plant Quarantine Station,
	_		Amritsar
8. Amritsar	Punjab	CFS	Regional Plant Quarantine Station,
	_		Amritsar
9. Bhatinda	Punjab	CFS	Regional Plant Quarantine Station,
			Amritsar
10. Ludhiana	Punjab	ICD	Regional Plant Quarantine Station,
(Dhandari Kalan)			Amritsar
11. Moradabad	Uttar	ICD	National Plant Quarantine Station,
	Pradesh		Rangpuri (Delhi)
12. Kanpur	Uttar	ICD	National Plant Quarantine Station,
	Pradesh		Rangpuri (Delhi)
13. Rudarpur	Uttar	CFS	National Plant Quarantine Station,
	Pradesh		Rangpuri (Delhi)
14.Agra	Uttar	ICD	National Plant Quarantine Station,
	Pradesh		Rangpuri (Delhi)
15. Dadri (G.Noida)	Uttar	ICD	National Plant Quarantine Station,
	Pradesh		Rangpuri (Delhi)
16. Sharanpur	Uttar	CFS	National Plant Quarantine Station,
	Pradesh		Rangpuri (Delhi)
17. Varanasi	Uttar	CFS	Plant Quarantine Station, Varanasi
10.14	Pradesh		(UP)
18. Meerut	Uttar	CFS	National Plant Quarantine Station,
	Pradesh		Rangpuri (Delhi)
19. Sabarmati	Gujarat	ICD	Plant Quarantine Station, Kandla
Ahmedabad	Creix	OD0	
20. Ahmedabad	Gujarat	CFS	Plant Quarantine Station, Kandla
21. Surat	Gujarat	ICD	RPQS, Mumbai
22. Kandla	Gujarat	ICD	Plant Quarantine Station, Kandla
23. Jodhpur	Rajasthan	CFS	Plant Quarantine Station, Kandla
24. Jaipur	Rajasthan	CFS	Plant Quarantine Station, Kandla

25.Bhiwari	Rajasthan	CFS	Regional Plant Quarantine Station, Mumbai
26. Kota	Rajasthan	CFS	Regional Plant Quarantine Station, Mumbai
27.Sanath Ngar (Hyderabad)	Andhra Pradesh	ICD	Plant Quarantine Station, Hyderabad
28. Gunt ur	Andhra Pradesh	ICD	Plant Quarantine Station, Visakhapattnam
29. Chirala	Andhra Pradesh	ICD	Plant Quarantine Station, Visakhapattnam
30. Anaparti	Andhra Pradesh	ICD	Plant Quarantine Station, Visakhapattnam
31. Kakinada	Andhra Pradesh	ICD	Plant Quarantine Station, Visakhapattnam
32. Vishakhapattanam	Andhra Pradesh	ICD	Plant Quarantine Station, Visakhapattnam
33. Wadibunder (Mumbai)	Maharashtra	ICD	Regional Plant Quarantine Station, Mumbai
34. Chinchwad (Pune)	Maharashtra	ICD	Regional Plant Quarantine Station, Mumbai
35. Bhandup (Mumbai)	Maharashtra	CFS	Regional Plant Quarantine Station, Mumbai
36. J.N.Port (Mumbai)	Maharashtra	CFS	Regional Plant Quarantine Station, Mumbai
37. Mulamd (Mumbai)	Maharashtra	ICD	Regional Plant Quarantine Station, Mumbai
38. Nava Seva (Mumbai)	Maharashtra	CFS	Regional Plant Quarantine Station, Mumbai
39. Jalgaon	Maharashtra	CFS	Regional Plant Quarantine Station, Mumbai
40. Aurangabad	Maharashtra	CFS	Regional Plant Quarantine Station, Mumbai
41. Nagpur	Maharashtra	ICD	Regional Plant Quarantine Station, Mumbai
42. Dronagiri	Maharashtra	CFS	Regional Plant Quarantine Station, Mumbai
43. Miraj	Maharashtra	ICD	Regional Plant Quarantine Station, Mumbai
44.Whitefield (Bangalore)	Karnatka	ICD	Regional Plant Quarantine Station, Chennai
45. Coimbatore	Tamilnadu	ICD	Plant Quarantine Station, Tiruchi
46. Minjur (Chennai)	Tamilnadu	CFS	Regional Plant Quarantine Station, Chennai
47.Virugambakkam (Chennnai)	Tamilnadu	CFS	Regional Plant Quarantine Station, Chennai
48. Numbal (Chennai)	Tamilnadu	CFS	Regional Plant Quarantine Station, Chennai
49. Tiruvottiyur	Tamilnadu	CFS	Regional Plant Quarantine Station,

(Chennai)			Chennai
50. Manali (Chennai)	Tamilnadu	CFS	Regional Plant Quarantine Station,
			Chennai
51. Tirupur	Tamilnadu	CFS	Plant Quarantine Station, Tiruchi
52. Tuticorin	Tamilnadu	CFS	Plant Quarantine Station, Tuticorin
53. Salem	Tamilnadu	CFS	Plant Quarantine Station, Tiruchi
54. Singanallur	Tamilnadu	CFS	Plant Quarantine Station, Tiruchi
55. Kolkata	West	ICD	Regional Plant Quarantine Station,
	Bengal		Kolkata
56. Siliguri	West	CFS	Regional Plant Quarantine Station,
	Bengal		Kolkata
57. Malanpur (Gwaliar)	Madhya	CFS	National Plant Quarantine station,
	Pradesh		Rangapuri (Delhi)
58. Indore	Madhya	CFS	Regional Plant Quarantine Station,
	Pradesh		Mumbai
59. Cochin	Kerala	CFS	Plant Quarantine Station, Cochin
60. Raxaul	Bihar	CFS	Plant Quarantine Station, Patna

# **SCHEDULE-III** List of Foreign Post Offices for Import of Plants and Plant Products.

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

Note:\*Authorised for import of seeds/plants for sowing/planting/propagation.

# SCHEDULE-IV

# [See clause 3 (2)] 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 (Musa spp.)	Rhizomes/ Suckers	Central & South America, Hawaii, Philippines and Cameroon	Due to incidence of destructive pests such as Moko wilt ( <i>Burkholderia</i> <i>solanacearum</i> ) race 2 and Cameroon marbling (phytoplasmas)
2.	Cassava or tapioca (Manihot esculenta)	Seed/Stem cuttings	Africa & South America	Due to incidence of destructive pests such as: Super elongation ( <i>Sphaceloma</i> <i>manihoticola</i> ), Cassava bacterial blight ( <i>Xanthomonas campestris</i> pv. <i>manihotis</i> ) - American strains, Cassava witches' broom ( <i>phytoplasma</i> ) and several cassava viruses.
3.	Cocoa ( <i>Theobroma cacao</i> ) and plants species belong to Sterculiaceae, Bombacaceae and Tiliaceae.	plants species belong toBud wood/ GraftsSterculiaceae, BombacaceaeRoot stock/Saplings		Due to incidence of destructive pestssuch as: Swollen shoot virus and relatedvirus strains of cocoa, Witches' broom(Crinipellis ( Marasmius) perniciosaWatery pod rot ( Monilia(Moniliopthora) roreri)Mealy pod (Trachysphaera fructigena)Mirids (Sahlbergia singularis &Distantiella theobroma), Cocoa moth(Acorocercops cramerella), Cocoacapsid (Sahlbergiella theobroma),Cocoa beetle (Steirastoma brevi),Seedling damping-off (Phytophthoracactorum), Chestnut downy mildew(Phytophthora katsurae) and Black podof cocoa (Phytophthora megakarya).

4.	Cocoyam or Dasheen or Taro (Arvi) ( <i>Colocasia esculenta</i> ) and other edible aeroids	Plants/ Corms/Cormlets/ 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 campestric</i> pv. di <i>effenbachiae</i> ).
5.	Coconut ( <i>Cocos nucifera</i> ) and related species of Cocoideae	Seed nuts/Seedlings /Pollen/Tissue cultures etc.	Africa (Cameroon, Ghana, Nigeria, Togo and Tanzania), North America (Florida in USA, Mexico); Central America and Caribbean (Cayman Islands, Bahmas, Cuba, Dominican Republic, Haiti, Jamaica) Philippines and Gaum Brazil (Atlantic Coast), Trinidad, Tobago, Greneda, 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 coco-</i> <i>philus</i> ), Red ring ( <i>Rhadinaphelenchus</i> <i>cocophilus (palmarum</i> ), South American Palm weevil ( <i>Rhyncophorus</i> <i>palmarum</i> ), Leaf minor ( <i>Promecotheca</i> <i>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</i> <i>citricolor</i> , syn. <i>Omphalia flavida</i> ), Coffee berry disease ( <i>Colletotrichum</i> <i>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>Phytomonas leptovasorum</i> ) and Coffee viruses (coffee ring spot, leaf rugosity, leaf curl, leaf crinkle and mosaic

				viruses), Coffee berry borer ( <i>Hypothenemus hampei, Sophronica</i> <i>ventralis</i> ) and Coffee thrips ( <i>Diarthrothrips coffeae</i> ).
7.	Date palm ( <i>Phoenix dactylifer</i> a)	Seeds/ Off-shoots (suckers)	Algeria and Morocco USA (Florida)	Due to incidence of destructive pests such as: Bayood ( <i>Fusarium oysporum</i> <i>f.sp. albedinis</i> ) and Palm lethal yellowing ( <i>Phytoplasmas</i> )
<b>8.</b>	Forest plant species: (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.
	(ii) Elm <i>(Ulmus spp.)</i>	(ii) Plants/ planting material	North America (USA and Canada) and Europe and Russia	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</i> <i>luteolus</i> ) -vector of Elm phloem necrosis.
	(iii) Oak (Quercus spp.)	(iii) Seeds/ Root grafts	United States of America	Due to incidence of destructive Oak wilt ( <i>Ceratocystis fagacearum</i> ) and Oak bark beetles ( <i>Pseudopityophthorus</i> spp.)
	(iv) Pine ( <i>Pinus spp.</i> ) and other coniferous species	(iv) (a) Seeds/ Saplings	North America (Canada, USA and Mexico).	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</i> <i>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.)
		(iv) (b) Logs with bark or wood (sawn or round), wood chips or saw dust.	North America (Canada & USA), Asia (China, Hong Kong, Japan, Korea, Republic of Taiwan)	Due to destructive Pine wood nematode (Bursaphelenchus xylophilus)
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</i> ( <i>Angiosorus</i> ) solani], Potato purple-top wilt & stolbur ( <i>phytoplasmas</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 and Andean potato weevil ( <i>Premnotrypes</i> spp.)
11.	Rubber (Hevea spp.)	seeds/plants/ budwood and any other plant material	Tropical America (Area extending 231/2 degrees North land 231/2 degrees South of the equator (Tropics of Capricorn and Cancer) and includes	Due to incidence of destructive South American Leaf Blight of Rubber ( <i>Microcyclus ulei</i> )

12.	Sugarcane (Saccharum spp.)	Cuttings or setts of planting	adjacent islands and longitude 30 degree West land 120 degrees East including part of Mexico, North of the Tropic of Cancer) 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; Sheffied's virus A and B etc., Sweet potato witches' broom ( <i>phytoplasmas</i> ) and seed bruchid ( <i>Mimosestes mimosae</i> )
14	Yam (Dioscorea spp.)	Tubers for planting or propagation	West Africa and Caribbean region	Due to incidence of destructive Yam mosaic virus/ green banding virus

# SCHEDULE-V [See clause 3 (3)(6) and 10 and 11 (3)]

List of plants and plant materials restricted import only by 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	Authorized to import
1.	Banana, Plantain and Abaca ( <i>Musa</i> spp.).	(i) Rhizomes/ Suckers	<ul> <li>Freedom from:</li> <li>(a) Moko wilt (<i>Burkholderia</i> solanacearum Race-2)</li> <li>(b) Black leaf streak (<i>Mycosphaerella fijiensis</i> var. difformis)</li> <li>(c) Cameroon marbling (<i>Phytoplasmas</i>)</li> <li>(d) Rhizome rot (<i>Erwinia</i> chrysanthemi pv. paradisiaca)</li> <li>(e) Banana weevil (Hawaii) (<i>Cosmopolites pruinosus</i>),</li> <li>(f) Cane weevil (West Indies) (<i>Metamasius hemipterus</i>),</li> <li>(g) Banana weevil (East African), (<i>Temnoschoita nigroplagiata</i>).</li> </ul>	<ul> <li>(i) Growing of imported consignment under post-entry quarantine for a period of 9-12 months.</li> <li>(ii) Hot water treatment of rhizomes at 54 ° C for 10 min before planting.</li> </ul>	Shall only be imported by Director, National Research Center on Banana, Tiruchi (Tamil Nadu).
		(ii) Tissue cultured plants	Certified that the tissue culture plants tested and found free from viruses and phytoplasmas	The above conditions shall not apply.	Commercial imports subject to prior approval of
			affecting banana.		DAC.
2.	Cassava or tapioca ( <i>Manihot</i> <i>esculenta</i> )	(i) Stem Cuttings	Freedom from: (a) Super elongation (Sphaceloma manihoticola)	(i) Post-entry quarantine for a period of one year.	Shall only be imported by Director, Central

			<ul> <li>(b) Bacterial leaf spot (<i>Xanthomonas</i> campestris.pv. cassavae)</li> <li>(c) Cassava bacterial blight (<i>Xanthomonas campestris</i> pv. manihotis) - American strains.</li> <li>(d) Cassava viruses (viz. common mosaic, brown streak, leaf vein mosaic, red mottle and yellow vein banding</li> <li>(e) Cassava witches' broom (phytoplasma)</li> <li>(f) Shoot fly (Carpolonchaea chalybea)</li> <li>(g) Mite (Mononychellus spp.)</li> <li>(h) Thrip (Frankliniella willamsi)</li> </ul>	<ul> <li>(ii) Hot water dipping of cuttings at 50 ° C for 30 min. before planting.</li> </ul>	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	(i) Grafts/ Bud wood/ Plants	<ul> <li>Freedom from:</li> <li>(a) Mal secco (Deuterophoma tracheiphila)</li> <li>(b) Stubborn or little leaf (Spiroplasma citri)</li> <li>(c) Cancrosis B (Xanthomonas campestris pv. aurantifolii)</li> <li>(d) Citrus tatter leaf (Capillo</li> </ul>	Post-entry quarantine for a period of one year.	Shall only be imported by Director, National Research Centre on Citrus, Nagpur, (Maharashtra).

		<ul> <li>(ii) Seeds for propagation</li> <li>(iii) Tissue cultured plants</li> </ul>	<ul> <li>virus)</li> <li>(e) Citrus witche's broom (<i>Phytoplasmas</i>)</li> <li>(f) Satsuma dwarf virus</li> <li>(g) Sweet orange scab (<i>Elsinoe</i> <i>australis</i>) and Tryon's scab (<i>Sphaceloma fawcetti</i>i var. <i>scabiosa</i>)</li> <li>(h) Citrus burrowing nematode (<i>Radopholus citrophilus</i>)</li> <li>(i) Florida red scale (<i>Chrysomphalus aonidium</i>)</li> <li>(j) Citrus bud mite (<i>Eriophyes</i> <i>sheldoni</i>)</li> <li>(k) Citrus rust mite (<i>Phyllocoptruta oleivora</i>)</li> <li>As stated above at ©</li> <li>Certified that the tissue-cultured plants are obtained from mother-</li> </ul>	The above condition shall not apply. Same as above.	Same as above. Commercial imports permitted
			stock indexed or tested and maintained virus-free.		subject to prior approval of DAC.
4.	Cocoa ( <i>Theobroma</i> <i>cacao</i> ) and related species.	Seeds (beans)/pods/bud wood/rootstock	Freedom from (a) Swollen shoot virus and related strains (b) Witches' broom ( <i>Crinipellis ( Marasmius)</i> perniciosa) (c) Watery pod rot ( <i>Monilia</i> ( <i>Moniliopthora) roreri</i> ) (d) Mealy pod ( <i>Trachysphaera</i>	Post-entry quarantine for a period of one year	Shall only be imported by the Director, CPCRI, Kasaragod, Kerala

			<ul> <li>fructigena)</li> <li>(e) Mirids (Sahlbergia singularis &amp; Distantiella theobroma)</li> <li>(f) Cocoa moth (Acorocercops cramerella)</li> <li>(g) Cocoa capsid (Sahlbergiella theobroma)</li> <li>(h) Cocoa beetle (Steirastoma brevi)</li> <li>(i) seedling damping-off (Phytophthora cactorum)</li> <li>(j) Chestnut downy mildew (Phytophthora katsurae)</li> <li>(k) Black pod of cocoa (Phytophthora megakarya)</li> </ul>		
		(ii) Tissue- cultured plants	Certified that the tissue cultured plants are produced in vitro are obtained from mother stock tested and maintained free from cocoa viruses by appropriate authority at the country of origin.	The above conditions shall not apply	
5.	Coconut (Cocos nucifera) & related species of Cocoidae	Seed nuts/ Seed lings/Pollen	<ul> <li>Freedom from:</li> <li>a) Palm lethal yellowing (phytoplasma) and related strains</li> <li>b) Cadang cadang &amp; Tinangaja (viroid)</li> <li>c) Lethal boll rot</li> </ul>	<ul> <li>(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</li> </ul>	Shall only be imported by Director, CPCRI, Kasaragod, Kerala

		(ii) Embryo- cultures	<ul> <li>(Marasmiellus coco philus)</li> <li>d) Red ring (Rhadinaphelenchus cocophilus (palmarum)</li> <li>e) South American Palm weevil (Rhyncophorus palmarum)</li> <li>f) Leaf minor (Promecotheca cumingi)</li> <li>g) Palm kernel borer (Pachymerus spp)</li> <li>Certified that the embryo cultures are obtained from seed</li> </ul>	approved by Plant Protection Adviser. (ii) Post-entry quarantine in offshore island facility at Andaman & Nicobar Islands for one reproductive cycle or five years period.	Same as above.
			nuts collected from mother trees tested and found free from viroids.	The above conditions shall not apply.	
6	Coffee ( <i>Coffea</i> spp.) and related species of Rubiaceae	Seeds (beans)& berries (freshly harvested)/ Grafts / Bud wood / Seedlings/ Rooted cuttings.	<ul> <li>Freedom from: <ul> <li>(a) American leaf spot (<i>Mycena citricolor</i>, syn. <i>Omphalia flavida</i>)</li> <li>(b) Coffee berry disease <ul> <li>(<i>Colletotrichum coffeanum var. virulens</i>)</li> </ul> </li> <li>(c) Tracheomycosis (<i>Gibberella xylariodes</i>, syn <i>Fusarium xylarioids</i>)</li> <li>(d) Powdery rust (<i>Hemeleia coffeicola</i>)</li> <li>(e) Halo blight (<i>Pseudomonas syringae</i> pv. garcae)</li> <li>(f) Leaf spot (<i>Pseudomonas cichorii</i>)</li> </ul> </li> </ul>	Post entry quarantine for oneyear period.	Shall only be imported by the Director, Central Coffee Research Institute, Balehonnur, Chikmagalur (Karnataka).

		(ii) Tissue cultured plants	<ul> <li>(g) Phloem necrosis (<i>Phytomonas leptovasorum</i>)</li> <li>(h) Coffee viruses (coffee ringspot, leaf rugosity, leaf curl, leaf crinkle and mosaic viruses)</li> <li>(i) Coffee berry borers (<i>Hypothenemus hampei</i>, <i>Sophronica ventralis</i>)</li> <li>(j) Coffee thrips (<i>Diarthrothrips coffeae</i>)</li> <li>Certified that the tissue cultured plants tested virus -free</li> </ul>	The above condition shall not apply.	Same as above.
7.	Cotton (Gossypium spp.)	Seeds for sowing	<ul> <li>(i) Freedom from:</li> <li>(a) Witches' broom (<i>Collectotrichum gossypii</i> var. <i>cephalosporioides</i>)</li> <li>(b) Bacterial blight (<i>Xanthomonas campestris</i> pv. <i>malvacearum</i> (African strain)</li> <li>(c) (<i>Anthonomus grandis &amp;</i> other <i>Anthonomus spp.</i>)</li> <li>(d) Seed bruchids (<i>Amblycerus</i> spp.,<i>Megacerus spp.</i>, <i>Spermophagus spp.</i>)</li> </ul>	<ul> <li>(i) The seed shall be given acid delinting treatment at the country of origin prior to shipment</li> <li>(ii) The seed shall be fumigated with suitable fumigant at the country of origin and treatment to be endorsed on phytosanitary certificate.</li> </ul>	Shall be imported by Director, Central Cotton Research Institute, Nagpur, (Maharashtra).
8.	Forest plant species (i) Chestnut ( <i>Castanea</i> spp.)	(i) Seeds/ Fruits/ Grafts and other planting material	Freedom from: Chestnut blight or canker ( <i>Cryphonectria</i> ( <i>Endothia</i> )	Post-entry quarantine for a period of one year.	Shall be imported by Director, Forest Research Institute,

(ii) Elm ( <i>Ulmus</i> spp.)	(i) Seeds/Plants	<ul> <li><i>parasitica</i>)-American strain</li> <li>Freedom from: <ul> <li>(a) Dutch elm disease</li> <li>(<i>Ceratocystis ulmi</i>) -</li> <li>American and European strains</li> </ul> </li> <li>(b) Elm mottle virus,</li> <li>(c) Elm bark beetles <ul> <li>(Scolytidae)</li> </ul> </li> <li>(d) White -banded elm leaf hopper (<i>Scaphoidous luteolus</i>) - Vector of Elm phloem necrosis</li> <li>(e) Seed Bruchid (<i>Bruchidius spp.</i>)</li> </ul>	<ul> <li>(i) Post-entry quarantine for a period of one year.</li> <li>(ii) Fumigation of planting material prior to dispatch at the country of origin and the treatment shall be endorsed on the phytosanitary certificate.</li> </ul>	Dehradun or any other research institute under Indian Council of Forestry Research and Education. Shall be imported 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	<ul> <li>Freedom from:</li> <li>(a) Oak wilt (<i>Ceratocystis fagacearum</i>)</li> <li>(b) Oak bark beetles <ul> <li>(<i>Pseudopityophthorus</i> spp.)</li> </ul> </li> <li>(c) Seed Bruchids (<i>Bruchidius spp.</i>)</li> </ul>	<ul> <li>(i) Post-entry quarantine for a period of one year</li> <li>(ii) Fumigation of planting material prior to dispatch at the country of origin and the treatment shall be endorsed on the phytosanitary certificate</li> </ul>	Shall be imported by 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	<ul> <li>(i) Freedom from:</li> <li>(a) Pine rusts (Stalactiform blister rust(<i>Cronartium coleosporioides</i>), Comandra</li> </ul>	(h) Post-entry quarantine for a period of one year.	Shall be imported by Director, Forest Research Institute, Dehradun or any

		<ul> <li>blister rust (<i>C. comandrae</i>), sweet fern blister rust (<i>C. comptoniae</i>); Southern fusiform rust (<i>C. fusiforme</i>))</li> <li>(b) Western gall rust (<i>Endocronartium harknessii</i>)</li> <li>(c) Brown spot needle blight (<i>Mycosphaerella dearnesii</i>, syn. <i>Scirrhia acicola</i>)</li> <li>(d) Seedling die-back and pitch canker (<i>Fusarium moniliforme</i> f.sp. <i>subglutinans</i>).</li> <li>(e) Needle cast (<i>Lophodermium</i> spp.)</li> <li>(f) Pine wood nematode</li> </ul>	(ii) Fumigation of planting material prior to dispatch at the country of	other research institute under Indian Council of Forestry Research and Education
(v) Poplar	(i) Stem cuttings/	<ul> <li>spp.)</li> <li>(f) Pine wood nematode (Bursaphelenchus xylophilus)</li> <li>(g) Seed chalcid (Eurytoma sciromatis)</li> <li>(h) Seed Bruchids (Bruchidius spp.)</li> <li>Freedom from:</li> </ul>	Planting material prior to dispatch at the country of origin and the treatment shall be endorsed on the phytosanitary certificate.	Shall be imported
Populus spp.)	Plants	<ul> <li>(a) Hypoxylon canker (Hypoxylon mammatum)</li> <li>(b) Poplar rust (Melampsora medusae)</li> <li>(c) Septoria canker of poplar (Mycosphaerella populorum, syn. Septoria musiva)</li> <li>(d) Gummosis (Euitypa armeniacae)</li> <li>(e) Poplar mosaic virus</li> </ul>	a period of one year.	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	<ul> <li>Freedom from:</li> <li>(a) Bacterial blight (Xanthomonas juglandis)</li> <li>(b) Bark canker (Erwinia nigrifluens)</li> <li>(c) Gummosis (Euitypa armeniacae)</li> <li>(d) Codling moth (Carpocapsa pomonella)</li> </ul>	Post-entry quarantine for a period of one year	Shall be imported by Director, Forest Research Institute, Dehradun or any other research institute under Indian Council of Forestry Research and Education.
9.	Groundnut (Arachis spp.)	Seeds/ Stem cuttings/Plants	<ul> <li>Free from <ul> <li>(a) Scab (Sphaceloma arachidis)</li> <li>(b) Bacterial wilt (Burkholderia solanacearum) (African strains)</li> <li>(c) Peanut stripe virus</li> <li>(d) Peanut stunt virus</li> <li>(e) Tobacco streak virus</li> <li>(f) Seed Bruchid (Stator pruininus)</li> <li>(g) Testa Nematode</li> <li>(Aphelenchoides arachidis)</li> </ul> </li> </ul>	<ul> <li>(i) Post-entry quarantine for a period of 6 weeks</li> <li>(ii) Permitted to import only as decorticated seeds.</li> </ul>	Shall only be imported by Director National Research Center on Groundnut, Junagadh, Gujarat State and Director General, International Crops Research Institute for Semi-Aried Tropics, Patancheru, Andhra Pradesh State.
10.	Potato ( <i>Solanum</i> <i>tuberosum</i> ) and other tuber bearing species of Solanaceae	(i) Tubers and other planting material	<ul> <li>(i) Freedom from:</li> <li>(a) Potato tuber nematode (<i>Ditylenchus destructor</i>)</li> <li>(b) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(c) Potato cyst nematodes [<i>Globodera (Heterodera)</i> rostochiensis &amp; Globodera pallida]</li> <li>(d) Gangrene (<i>Phoma exigua</i> var. foveata)</li> </ul>	Post-entry quarantine for a period of two growth seasons.	Shall only be imported by Director, Central Potato Research Institute, Simla, Himachal Pradesh.

	<ul> <li>(e) Potato wart (Synchytrium endobioticum)</li> <li>(f) Potato smut [Thecaphora (Angiosorus) solani]</li> <li>(g) Bacterial ring rot (Clavibacter michiganensis subsp. sepedonicus)</li> <li>(h) Potato purple-top wilt &amp; stolbur phytoplasmas</li> <li>(i) Potato viruses viz. Andean potato latent, Andean potato mottle, Arracacha B virus, Potato deforming mosaic, 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</li> <li>(j) Colarado potato beetle (Leptinotarsa decemlineata)</li> <li>(k) Andean potato weevil (Premnotrypes spp.)</li> </ul>		
(ii) True seed/micro tubers (in vitro) of potato/tissue- cultured plants	The true seed/micro-tubers (in vitro) of potato are obtained from plants tested and certified free from viruses and viroids of potato and other tuber bearing Solanaceous plant species.	The above condition shall not apply.	Same as above. The commercial import subject to the approval of DAC and subject to the conditions specified there of.

11.	Rice (Oryza sativa) Rubber (Hevea spp.)	(i) Seeds for sowing Seed/ Saplings/ Bud wood.	<ul> <li>(i) Freedom from: <ul> <li>(a) Granary weevil</li> <li>(<i>Sitophilus granarius</i>)</li> </ul> </li> <li>(b) White tip nematode <ul> <li>(<i>Aphelenchoides besseyi</i>)</li> </ul> </li> <li>(c) Leaf streak <ul> <li>(<i>Pseudomonas avenae</i>)</li> </ul> </li> <li>(d) Sheath brown rot <ul> <li>(<i>Pseudomonas fuscovaginae</i>)</li> <li>(e) Seedling rot <ul> <li>(<i>Pseudomonas glumae</i>)</li> </ul> </li> <li>(f) Bacterial halo blight <ul> <li>(<i>Pseudomonas syringae</i></li> <li>pv. <i>oryzae</i></li> </ul> </li> </ul> </li> <li>(i) Freedom from: <ul> <li>(a) South American leaf blight</li> </ul></li></ul>	Seed soaking overnight and hot water treatment at 52 deg C for 10 min. (i) Post-entry quarantine for a period of one year.	Shall only be imported by Director, NBPGR, New Delhi/Director, Directorate of Rice Research Hyderabad Shall only be permitted import by
	200	bud wood.	<ul> <li>(a) South American Icar onght</li> <li>(SALB) (Microcyclus ulei syn. Dothidella ulei)</li> <li>(b) Shot hole borer (Xyleborus ferrugineus)</li> </ul>	<ul> <li>(ii) The consignment of seed and other planting material shall be treated with suitable systemic fungicide prior to dispatch of the consignment at the country of origin and the treatment shall be endorsed on phytosanitary certificate.</li> </ul>	the Director, Rubber Institute, Kottayam, (Kerala).
13.	Sugarcane ( <i>Saccharum</i> spp.)	(i) Cuttings of setts for planting	<ul> <li>Freedom from:</li> <li>(a) Fiji virus of sugarcane</li> <li>(b) Gummosis (<i>Xanthomonas vasculorum</i>)</li> <li>(c) Sugarcane white leaf (<i>phytoplasmas</i>)</li> <li>(d) Sereh</li> </ul>	<ul> <li>(i) Growing of consignment under post-entry quarantine for a period of one year.</li> <li>(ii) Hot water treatment of dormant sets at 52 ° C</li> </ul>	Shall only be imported by Director, Sugarcane Breeding Institute, Coimbatore (Tamil Nadu).

			<ul> <li>(e) Sugarcane downy mildew (<i>Peronosclerospora</i> sacchari)</li> <li>(f) Mottled stripe (<i>Pseudomonas</i> rubrisubalbicans)</li> <li>(g) Sugarcane viruses viz. bacilliform, mild mosaic, mosaic &amp; streak</li> <li>(h) American sugarcane borer (<i>Diatraea saccharalis</i>)</li> </ul>	for 20 min. followed by dipping in systemic fungicide solutions viz. Benlate at 0.2% just prior to planting. (iii) All packages and packing material shall be 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	<ul> <li>Freedom from:</li> <li>(a) Scab (<i>Elsinoe batatas</i>)</li> <li>(b) Scurf (<i>Moniliochaetes infuscans</i>)</li> <li>(c) Foot rot (<i>Plenodomus destruens</i>)</li> <li>(d) Soil rot (<i>Streptomyces ipomoeae</i>)</li> <li>(e) Bacteria wilt (<i>Pseudomonas batatae</i>)</li> <li>(f) Sweet potato viruses viz. Russet crack; feathery mottle; internal cork;</li> </ul>	<ul><li>(i) Post-entry quarantine for one growth season.</li><li>(ii) Freedom from soil.</li></ul>	Shall only be imported by Director, Central Tuber Crops Research Institute, Sreekaryam (Kerala).

		(ii) True seed/ Tissue-cultured plants	<ul> <li>chlorotic leaf spot; vein mosaic; mild mottle and yellow dwarf, vein clearing; chlorotic stunt; Sheffied's virus A and B etc.</li> <li>(g) Sweet potato witches' broom (<i>phytoplasmas</i>)</li> <li>(h) Seed bruchid (<i>Mimosestes</i> <i>mimosae</i>)</li> <li>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</li> </ul>	The above conditions shall not apply.	Same as above.
1.5			Solanaceous plant species.		
15.	Tobacco ( <i>Nicotiana</i> spp.)	(i) Seed for sowing	<ul> <li>Freedom from:</li> <li>(a) Blue mould (<i>Peronospora</i> tabacina)</li> <li>(b) Broomrape (<i>Orobanche</i> cumana)</li> <li>(c) Tobacco cyst nematode (<i>Heterodera tabacum</i>)</li> </ul>	Post-entry consignment for a period of one growth season.	Shall be imported by Central Tobacco Research Institute, Rajahmundry (AP)
16.	Wheat ( <i>Triticum</i> spp.)	(i) Seeds for sowing	<ul> <li>(i) Freedom from:</li> <li>(a) Dwarf bunt (<i>Tilletia</i> contraversa)</li> <li>(b) Ergot (<i>Claviceps purpurea</i>)</li> <li>(c) Spike rot (<i>Pseudomonas</i> atrofaciens)</li> <li>(d) Granary weevil (<i>Sitophilus</i> granarius)</li> </ul>	Post-entry quarantine for one growth season.	Shall only be imported by the Director, National Bureau of Plant Genetic Resources, New Delhi.
17.	Yam ( <i>Dioscorea</i> spp)	(i) Tubers for planting or	<ul><li>(i)Freedom from:</li><li>(a) Yam mosaic virus/ green</li></ul>	(i) Growing of consignment under post-	Shall only be imported by

propagation	<ul> <li>banding virus</li> <li>(b) Crown gall (<i>Agrobacterium tumefaciens</i>)</li> <li>(c) Weevil (<i>Palaeopus</i> spp.)</li> </ul>	entry quarantine for one growth season. (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.	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 Clause 3 (3) (6), 10 and 11 (3)] List of plants/plant materials permitted import with additional declarations and special conditions

S. No.	Plant species	Category of plant material	Additional declarations required to be incorporated into Phytosanitary Certificate	Special conditions of import
1.	Allium species (onion, garlic, leek, shallot, etc.)	(i) Seeds/bulbs for sowing or planting	<ul> <li>Freedom from:</li> <li>(a) Smut (Urocystis cepulae)</li> <li>(b) Slippery skin (Pseudomonas cepacia)</li> <li>(c) Marginal necrosis (Pseudomonas marginalis pv. marginalis)</li> <li>(d) Pod and stem blight (Phomopsis longicolla)</li> <li>(e) Onion yellow dwarf virus - poty virus</li> <li>(f) Stem and bulbs nematode (Ditylenchus dipsaci)</li> <li>(g) Onion maggot (Hylemia antiqua)</li> </ul>	Freedom from soil.
		(ii) Bulbs for consumption	<ul> <li>(i) Freedom from:</li> <li>(a) Smut (<i>Urocystis cepulae</i>)</li> <li>(b) Stem bulb nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(c) Onion maggot (<i>Hylemia antiqua</i>)</li> </ul>	Fumigation by methyl bromide @ 16 gms/cu.m for 12hrs at 28 ° 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.
2.	Anthurium (Anthurium spp.) & other aroids (Dieffenbachia, Caladium, SyngoniumAgla onemaSpathiph	(i) Cuttings/saplings for planting	<ul> <li>(i) Freedom from:</li> <li>(a) Bacterial blight (<i>Xanthomonas axonopodis pv. dieffenbachiae</i>)</li> <li>(b) Dasheen mosaic virus</li> </ul>	Post-entry quarantine for a period of 45-60 days.

	yllum, Monstera Phylodendron)			
		(ii) Tissue cultured plants	(ii) Certified that the tissue cultured plants produced from stock tested and maintained virus-free.	The above conditions shall not apply.
		(iii) Cut flowers (Anthrium spp.)	Freedom from: Bacterial blight ( <i>Xanthomonas axonopodis pv. dieffenbachiae</i> )	Same as above.
3.	Barley (Hordeum spp.)	(i) Seeds for sowing	<ul> <li>(i) Freedom from:</li> <li>(a) Glume rot (<i>Pseudomonas syringe pv. atrofaciens</i>)</li> <li>(b) Barley viruses viz. Stripe mosaic (Hordeivirus), yellow dwarf (Luteovirus), yellow mosaic (Bymovirus), yellow striate mosaic (Cytorhabdovirus)</li> <li>(c) Ergot (<i>Claviceps purpurea</i>)</li> <li>(d) Granary weevil (<i>Sitophilus granarius</i>)</li> </ul>	(i) Commercial import of seed for sowing subject to prior approval of DAC.
		(ii) Grains for consumption	(ii) As at © and (d) above	(ii) Fumigation with Methyl bromide @ 32 gm/cu. m at @ 28 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.
4.	Beans (Vigna (Phaseolus) spp.).	(i) Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Scab (<i>Elsinoe phaseoli</i>)</li> <li>(b) Downy mildew of lima bean (<i>Phytophthora phaseoli</i>)</li> <li>(c) Pod and stem blight (<i>Phomopsis</i>)</li> </ul>	

			<ul> <li>longicolla)</li> <li>(d) Bacterial wilt (<i>Curtobacterium</i> flaccumfaciens pv. flaccumfaciens)</li> <li>(e) Faba bean necrotic yellows virus</li> <li>(f) Bean bruchid (<i>Acanthoscelides obtectus</i>)</li> </ul>	
		(ii) Seeds for consumption or processing	Freedom from: Bean bruchid ( <i>Acanthoscelides obtectus</i> )	Fumigation with Methyl bromide @32 gm/cu m for 24 hrs at 28 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.
5.	Beet Root (Beta vulgaris)	Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Downy mildew (<i>Peronospora farinosa</i>)</li> <li>(b) Silvering disease (<i>Curtobacterium flaccumfaciens pv. betae</i>)</li> <li>(c) Bacterial blight (<i>Pseudomonas syringae pv. aptata</i>)</li> <li>(d) Beet cyst nematode (<i>Heterodera schachtti</i>)</li> <li>(e) Beetroot rust (<i>Uromyces spp.</i>)</li> <li>(f) Beet yellows necrotic virus (rhizomania).</li> </ul>	Freedom from soil.
6.	Berseem (Trifolium alexandrium) & Clovers	Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Northern anthracnose (<i>Kabatiella caulivora</i>)</li> <li>(b) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(c) Black stem, leaf spot (<i>Phoma medicaginis var. pinodella</i>)</li> <li>(d) Sclerotinia wilt (<i>Sclerotinia trifoliorum</i>)</li> </ul>	<ul><li>(i) Commercial import subject to prior approval of DAC.</li><li>(ii) Freedom from soil.</li></ul>

7.	Broad bean (Vicia faba) & Vetches (V. villosa)	(i) Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Leaf &amp; pod spot (<i>Ascochyta fabae</i>)</li> <li>(b) Soybean cyst nematode (<i>Heterodera glycines</i>)</li> <li>(c) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(d) Broad bean viruses viz. mottle, necrosis, strain (Comovirus), true mosaic, wilt virus 1 &amp; 2 (Fabavirus)</li> </ul>	
		(ii) Seeds for consumption or processing	<ul> <li>Freedom from:</li> <li>(a) Stem &amp; bulb nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(b) Soybean cyst nematode (<i>Heterodera glycines</i>)</li> </ul>	Fumigation with Methyl bromide @ 32 gm/cu. m at @ 28 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.
8.	Cacti	Plants for propagation	Freedom from: (a) Cactus cyst nematode ( <i>Cactodera cactii</i> ) (b) Cactus virus X. & 2 (Carlavirus)	<ul><li>(i) The plants shall be grown in post-entry quarantine facility for a period of 45-60 days.</li><li>(ii) Freedom from soil.</li></ul>
9.	Carnation (Dianthus spp)	(i) Cuttings/Saplings for sowing/ planting	<ul> <li>(i) Freedom from:</li> <li>(a) Bacterial wilt and stem cracking (Burkholderia caryophilli)</li> <li>(b) Slow wilt (Erwinia chrysanthemi pv. dianthicola)</li> <li>(c) Rust (Uromyces dianthi)</li> <li>(d) Smut (Sorosporium spaonariae)</li> <li>(e) Downy mildew (Peronospora dianthi, P. dianthicola)</li> <li>(f) Carnation viruses viz. Cryptic virus 1 &amp; 2,</li> </ul>	Post-entry quarantine facility for a period of 45-60 days.

	(ii) Seeds/ Cut flowers	As above at ©, (d) and (e).	Above conditions shall not apply.
	(ii) Tissue cultured plants	Certified that the tissue-cultured plants obtained from mother stock tested and maintained free from all viruses affecting carnation.	The above conditions shall not apply.
Carrot (Daucus carota)	Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Bacterial blight (<i>Xanthomonas hortorum pv. carotae</i>)</li> <li>(b) Carrot viruses (mottle dwarf, red leaf &amp; yellow leaf).</li> </ul>	
Chicory & Endive (Cichorium spp.)	Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Bacterial blight (<i>Pseudomonas cichorii</i>)</li> <li>(b) Bidens mottle virus,</li> <li>(c) Chicory yellow mottle virus</li> <li>(d) Anthracnose (<i>Marssonina panottoniana</i>)</li> </ul>	Commercial import subject to prior approval of DAC.
Chrysanthemu m (Dendranthemu m spp.)	(i) Cuttings (rooted/ un-rooted) for planting.	<ul> <li>Freedom from:</li> <li>(a) Fasciation (<i>Rhodococcus fascians</i>)</li> <li>(b) Foliar nematodes (<i>Aphelenchoides fragariae</i>, <i>A. ritzemabosi</i>)</li> <li>(c) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(d) South American leaf miner (<i>Liriomyza huidobrensis</i>)</li> <li>(e) Burdock leaf miner (<i>Amauromyza maculosa</i>)</li> <li>(f) White rust (<i>Puccinia horiana</i>)</li> </ul>	<ul> <li>(i) Post-entry quarantine for a period of 45-60 days.</li> <li>(ii) Free from soil contamination.</li> </ul>
	carota) Chicory & Endive (Cichorium spp.) Chrysanthemu m (Dendranthemu	Carrot (Daucus carota)Seeds for sowingCarrot (Daucus carota)Seeds for sowingChicory & Endive (Cichorium spp.)Seeds for sowingChicory & Endive (Cichorium spp.)Seeds for sowingChrysanthemu m (Dendranthemu(i) Cuttings (rooted/ un-rooted) for planting.	plantsobtained from mother stock tested and maintained free from all viruses affecting carnation.Carrot (Daucus carota)Seeds for sowingFreedom from: (a) Bacterial blight (Xanthomonas hortorum pv. carotae) (b) Carrot viruses (mottle dwarf, red leaf & yellow leaf).Chicory & Endive (Cichorium spp.)Seeds for sowingFreedom from: (a) Bacterial blight (Pseudomonas cichorii) (b) Bidens mottle virus, (c) Chicory yellow mottle virus, (c) Chicory yellow mottle virus, (d) Anthracnose (Marssonina panottoniana)Chrysanthemu m m spp.)(i) Cuttings (rooted/ un-rooted) for planting.Freedom from: (a) Fasciation (Rhodococcus fascians) (b) Foliar nematodes (Aphelenchoides fragariae, A. ritzemabosi) (c) Stem and bulb nematode (Ditylenchus dipsaci) 

		(ii) Tissue-cultured plants.	<ul> <li><i>ligulicoa, syn. Ascochyta chrysanthemi</i>)</li> <li>(h) Chrysanthemum viruses viz. chlorotic mottle, stunt, vein chlorosis, virus B.</li> <li>Certified that the tissue-cultured plants obtained from mother stock tested and maintained free from all viruses as stated above at (h).</li> </ul>	The above conditions shall not apply.
13.	Citrus spp (lemon, lime, orange, grapefruit, mandarins, etc. and other rutaceous)	Fresh fruits for consumption	Country specific(i) Australia(a) Aspidiotus nerii (aucuba scale)(b) Bactrocera aquilonis(c) Bactrocera jarvisi(d) Bactrocera neohumeralis(e) Bactrocera tryoni (Queensland fruit fly)(f) Ceratitis capitata (Mediterranean fruit fly)(g) Epiphyas postvittana (light brown apple moth)(h) Guignardia citricarpa (citrus black spot)(i) Pseudococcus calceolariae (scarlet mealybug)(j) Unaspis citri (citrus snow scale)(ii) Canada(a) Metcalfa pruinosa (frosted moth bug)(b) Pseudococcus comstocki (Comstock mealybug)(c) Pseudococcus jackbeardsleyi (Jack Beardsley mealybug)	

	(iii) Chile	
	(a) Aspidiotus nerii (aucuba scale)	
	(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)	
	(c) <i>Pseudococcus calceolariae</i> (scarlet	
	mealybug)	
	(d) Selenaspidus articulatus (West Indian red	
	scale)	
	(e) Unaspis citri (citrus snow scale)	
	(iv) China	
	(a) Aspidiotus nerii (aucuba scale)	
	(b) <i>Bactrocera tsuneonis</i> (Japanese orange fly)	
	(c) <i>Ceroplastes japonicus</i> (tortoise wax scale)	
	(d) Guignardia citricarpa (citrus black spot)	
	(e) Oraesia excavata (fruit piercing moth)	
	(f) <i>Pseudococcus calceolariae</i> (scarlet mealybug)	
	(g) <i>Pseudococcus comstocki</i> (Comstock	
	mealybug)	
	(h) Pseudococcus jackbeardsleyi (Jack	
	Beardsley mealybug)	
	(i) Unaspis citri (Citrus snow scale)	
	(j) Unaspis yanonensis (arrowhead scale)	
	(v) France	
	(a) Aspidiotus nerii (aucuba scale)	
	(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)	
	(c) Ceroplastes japonicus (tortoise wax scale)	
	(d) Metcalfa pruinosa (frosted moth)	
	(e) Pseudococcus calceolariae (scarlet	
	mealybug)	

(f) Unaspis yanonensis (arrowhead scale)	
(vi) Iran	
(a) Aspidiotus nerii (aucuba scale)	
(vii) Italy	
(a) Aspidiotus nerii (aucuba scale)	
(b) Ceratitis capitata (Mediterranean fruit fly)	
(c) Ceroplastes japonicus (tortoise wax scale)	
(d) Metcalfa pruinosa (frosted moth bug)	
(e) <i>Pseudococcus calceolariae</i> (scarlet	
mealybug)	
(viii) New Zealand	
(a) Aspidiotus nerii (aucuba scale)	
(b) <i>Epiphyas postvittana</i> (light brown apple	
moth)	
(c) Guignardia citricarpa (citrus black spot)	
(d) Panonychus citri (citrus red mite)	
(e) <i>Pseudococcus calceolariae</i> (scarlet	
mealybug)	
(f) Unaspis citri (citrus snow scale)	
(ix) South Africa	
(a) Aspidiotus nerii (aucuba scale)	
(b) Ceratitis capitata (Mediterranean fruit fly)	
(c) Ceratitis rosa (Natal fruitfly)	
(d) <i>Cryptophlebia leucotreta</i> (false codling moth)	
(e) Guignardia citricarpa (citrus black spot)	
(f) <i>Pseudococcus calceolariae</i> (scarlet	

			mealybug)	
			(x) USA	
			<ul> <li>(a) Anastrepha fraterculus (South American fruitfly)</li> <li>(b) Anastrepha ludens (Mexican fruit fly)</li> <li>(c) Anastrepha serpentina (sapodilla fruit fly)</li> <li>(d) Anastrepha striata (guava fruit fly)</li> <li>(e) Anastrepha suspensa (caribbean fruit fly)</li> <li>(f) Aspidiotus nerii (aucuba scale)</li> <li>(g) Ceratitis capitata (Mediterranean fruit fly)</li> <li>(h) Epiphyas postvittana (light brown apple moth)</li> <li>(i) Metcalfa pruinosa (frosted moth bug)</li> <li>(j) Panonychus citri (citrus red mite)</li> <li>(k) Pseudococcus calceolariae (scarlet mealybug)</li> <li>(n) Pseudococcus jackbeardsleyi (Jack Beardsley mealybug)</li> <li>(n) Selenaspidus articulatus (West Indian red scale)</li> <li>(o) Unaspis citri (citrus snow scale)</li> </ul>	
14.	Cocoa (Theobroma cacao)	Beans (fermented & dried) for processing or industrial use	<ul> <li>Freedom from:</li> <li>(a) Chocolate moth (<i>Ephestia elutella</i>)</li> <li>(b) Mediterranean flour moth (<i>Ephestia kuehniella</i>)</li> <li>(c) Tropical nut borer (<i>Hypothenemus obscurus</i>)</li> <li>(d) Black pod of cocoa (<i>Phytophthora megakarya</i>)</li> <li>(e) Chestnut downy mildew (<i>Phytophthora</i></li> </ul>	The consignment shall be fumigated with Methyl bromide @ 16g/m3 for 24 h at 28 ° 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

			katsurae)	Protection Adviser.
15.	Chick Pea (Cicer aeriatinum)	(i) Seeds for sowing	Freedom from: Pod & stem blight ( <i>Phomopsis longicolla</i> )	Commercial import of seeds for sowing subject to prior approval of Department of Agriculture & Cooperation.
		(ii) Seeds for consumption		Fumigation with Methyl bromide @ 32 gm/cu. m at @ 28 ° 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.
16.	Coffee (Coffea spp.) and related species of Rubiaceae	Coffee beans for consumption or processing	Freedom from: Coffee Berry Borers ( <i>Hypothenemus hampei</i> , <i>Sophranica ventralis</i> ).	Fumigation with Methyl bromide @ 32 gm/cu. m at @ 28 ° 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.
17.	Cotton (Gossypium spp.)	Raw cotton bales for industrial use.	(g) Freedom from: Cotton boll weevils ( <i>Anthonomus grandis, A. peninsularis and A. vestitus</i> )	Fumigation with Methyl bromide @ 24 gm/cu. m for 24 h at 28 °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.
18.	Cowpea (Vigna	(i) Seed for sowing	Freedom from:	Commercial import of seeds

	spp.)	(ii) Seed for consumption	<ul> <li>(a) Bruchids (<i>Bruchidium spp., Stator spp.</i>)</li> <li>(b) Cowpea seed-borne viruses (bromo virus, poty virus, comovirus, carmovirus)</li> </ul>	for sowing subject to prior approval of Department of Agriculture & Cooperation. Fumigation with Methyl bromide @ 32 gm/cu. m at 28 ° 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.
19.	Cucumber (Cucumis sativus) & related species	Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Angular leaf spot (<i>Pseudomonas syringae pv. lachrymans</i>)</li> <li>(b) Fusarial wilts (<i>Fusarium oxysporum f.sp. cucumerinum, Fusarium oxysporum f.sp. melonis</i>)</li> <li>(c) Black spot (<i>Phomopsis sclerotoides</i>)</li> <li>(d) Septoria leaf spot (<i>Septoria cucurbitarum</i>)</li> <li>(e) Cucumber seed-borne viruses viz. yellow, necrotic stunt, soil-borne mosaic, leaf spot, green mottle mosaic, cryptic virus.</li> </ul>	
20.	Date palm (Phoenix dactylifera)	(h) Suckers for planting	Freedom from:         (a) Bayood (Fusarium oysporum f.sp. albedinis)         (b) Palm lethal yellowing (Phytoplasmas)         (c) Texas root rot (Phymatotrichum omnivorum)         (d) American palm weevil (Rhyncophorus palmarum)	<ul> <li>(i) Commercial import subject to prior approval of Department of Agriculture &amp; Cooperation.</li> <li>(ii) Post-entry quarantine for a period of one year.</li> </ul>

		<ul><li>(ii) Tissue cultured plants for propagation</li><li>(iii) Fresh/dry fruits for consumption</li></ul>	Freedom from: Palm kernel borer ( <i>Pachymerus lacerdae</i> )	The above condition at (ii) shall not be applicable. Fumigation with Methyl bromide @ 16 gm/cu m for 24 hrs at 28 ° 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.
21.	Flower bulbs: (a) Dahlia spp.	Tubers for planting or propagation	Freedom from: Dahlia mosaic & other viruses affecting Dhalia	(i) Post-entry quarantine for one growth season.
	(b) Calla lilly (Zantedeschia spp.)	<ul> <li>(i) Corms for propagation or planting</li> <li>(ii) Tissue-cultured plants</li> </ul>	<ul> <li>Freedom from:</li> <li>(a) Bacterial leaf spot (<i>Xanthomonas</i> campestris pv. zantedeschiae)</li> <li>(b) Zantadeschia mosaic virus</li> <li>Certified that tissue-cultured plants tested and found free from Zantadeschia mosaic virus.</li> </ul>	<ul><li>(ii) Freedom from soil</li><li>Same as above.</li><li>The above conditions shall not apply.</li></ul>
	(c) Gladiolus spp.	Corms/ Corm lets for planting or propagation	Freedom from: (a)Smut (Urocystis gladiolicola) (b)Rusts (Uromyces gladioli & U. transversalis) (c) Corm rot (F. oxysporum f.sp. gladioli) (d) Hard rot (Septoria gladioli) (e) Scab & neck rot (Burkholderia marginalis) (e) Base rot (Burkholderia gladioli pv.	Same as above

		gladioli)	
(d) Heliconia spp.	Rhizomes for propagation	Freedom from: (a) Moko wilt ( <i>Burkholderia solanacearum</i> Race 2)	Same as above.
 (e) Hyacinthus spp.	Bulbs for propagation or planting	<ul> <li>Freedom from:</li> <li>(a) Bacterial blight or yellow slime (<i>Xanthomonas hyacinthi</i>)</li> <li>(b) Hyacinth mosaic virus (Poty virus)</li> <li>(c) Stem &amp; bulb nematode (<i>Ditylenchus dipsaci</i>)</li> </ul>	Same as above.
 (f) Iris spp. (bulbous and rhizomatous varieties)	(i) Bulbs/ rhizomes for planting or propagation	<ul> <li>Freedom from:</li> <li>(a) Fusarial rot (<i>Fusarium oxysporum f.sp. gladioli</i>)</li> <li>(b) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(c) Sclerotinia rot (<i>Sclerotinia bulborum</i>)</li> <li>(d) Iris virus (Potyvirus)</li> </ul>	Same as above.
(g) Lilly (Lillium spp.)	(j) Bulbs for planting	<ul> <li>Freedom from:</li> <li>(a) Fusarium wilt (<i>Fusarium oxysporum f.sp. lilii</i>)</li> <li>(b) Anthracnose (<i>Colletotrichum lilii</i>)</li> <li>© Bacterial leaf spot (<i>Burkholderia gladioli pv. gladioli</i>)</li> <li>(d) Lilly viruses (lilly rosette, lilly symptom less, tulip breaking and lilly curl stripe)</li> </ul>	Same as above.
	(ii) Tissue-cultured plants	Certified that tissue-cultured plants are tested and found virus-free.	The above condition shall not apply.
 (h) Narcissus	Bulbs for planting	Freedom from:	(i) Post-entry quarantine for

	(Narcissus spp.)		<ul> <li>(a) Basal rot (<i>Fusarium oxysporum f. sp. narcissi</i>)</li> <li>(b) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(c) Narcissus fire (<i>Botryotinia polyblastis</i>)</li> <li>(e) Leaf scorch (<i>Stagnospora curtissi</i>)</li> <li>(f) Narcissus bulb flies (<i>Merodona equesteris, Eumerus strigatus &amp; E, tubuculatus</i>)</li> <li>(g) Narcissus viruses</li> </ul>	<ul> <li>one growth season</li> <li>(iv) Freedom from soil</li> <li>(v) Hot-water treatment of bulbs at 48.9 ° C for 30 min followed by suitable fungicidal treatment and the treatment shall be endorsed on the phytosanitary certificate.</li> </ul>
	(h) Tulipa spp.	Bulbs for planting or propagation	<ul> <li>Freedom from:</li> <li>(a) Bulb and stem nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(b) Yellow pustule &amp; hellfire (<i>Curtobacterium flaccumfaciens pv. oortii</i>)</li> <li>(c) Tulipa viruses viz. band breaking, chlorotic blotch, virus x and other seed borne viruses.</li> </ul>	Same as above.
	(j) Ornamental Zinger (Zingiber mioga)	Rhizomes for propagation	<ul> <li>(i) Freedom from:</li> <li>(a) Leaf blight ((<i>Xanthomonas campestris pv. zingibericola</i>)</li> </ul>	<ul><li>(i) Post-entry quarantine for one growth season.</li><li>(ii) Freedom from soil.</li></ul>
22.	Grapevine (Vitis spp.)	Rooted stock/ Bud wood (Stem cuttings) /Saplings.	<ul> <li>(i) Freedom from:</li> <li>(a) Grapevine Phylloxera or vine louse (Viteus vitifoliae, syn. Daktulosphaira vitifoliae)</li> <li>(b) Rust (Phakopsora vitis)</li> <li>(c) Dead arm (Cryptosporella viticola syn. Phomopsis viticola)</li> <li>(d) Cown gall (Agrobacterium vitis)</li> <li>(e) Gummosis (Pantoea agglomerans)</li> <li>(f) Hairy root (Agrobacterium rhizogenes)</li> <li>(g) Pierce's disease (Xylella fastidiosa)</li> <li>(h) Bacterial necrosis (Xylophilus ampelinus)</li> <li>(i) Grapevine viruses: Luteovirus, Nepovirus, Closterovirus, Trichovirus, Potyvirus.</li> </ul>	<ul> <li>(j) Post-entry quarantine for a period of one year.</li> <li>(ii) Commercial imports subject to prior approval of Department of Agriculture &amp; Cooperation</li> </ul>

Grape	Fresh fruits for consumption	Country specific Quarantine pests :         (i)Australia         (a) Aspidiotus nerii (aucuba scale)         (b) Bactrocera tryoni (Queensland fruit fly)         (c) Ceratitis capitata (Mediterranean fruit fly)         (d) Epiphyas postvittana (light brown apple moth)         (e) Frankliniella occidentalis (Westeran flower thrips)	
		<ul> <li>(f) <i>Pseudococcus calceolariae</i> (scarlet mealy bug)</li> <li>(ii)Canada</li> </ul>	
		<ul> <li>(a) Frankliniella occidentalis (Westeran flower thrips)</li> <li>(b) Peridroma saucia (pearly underwing moth)</li> <li>(c) Spodoptera frugiperda (fall armyworm)</li> </ul>	
		(iii)Chile	
		<ul> <li>(a) Aspidiotus nerii (aucuba scale)</li> <li>(b) Ceratitis capitata (Mediterranean fruit fly)</li> <li>(c) Frankliniella occidentalis (western flower thrips)</li> <li>(d) Peridroma saucia (pearly underwing moth)</li> <li>(e) Pseudococcus calceolariae (scarlet mealybug)</li> <li>(f) Selenaspidus articulatus (West Indian red scale)</li> </ul>	
		(iv)China	
		(a) Aspidiotus nerii (aucuba scale)	

(b) Daviduance a grupia (naculty underwing moth)	
(b) <i>Peridroma saucia</i> (pearly underwing moth)	
(c) <i>Pseudococcus calceolariae</i> (scarlet	
mealybug)	
moury oug)	
(v)France	
(a) Aspidiotus nerii (aucuba scale)	
(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)	
(c) Frankliniella occidentalis (Western flower	
thrips)	
(d) <i>Peridroma saucia</i> (pearly underwing moth)	
(e) <i>Pseudococcus calceolariae</i> (scarlet	
mealybug)	
(	
(vi) Iran	
(a) Aspidiotus nerii (aucuba scale)	
(vii) Italy	
(a) Arabic mosaic virus (hop barebine)	
(b) Aspidiotus nerii (aucuba scale)	
(c) Ceratitis capitata (Mediterranean fruit fly)	
(d) Frankliniella occidentalis (Western flower	
thrips)	
(e) Peridroma saucia (pearly underwing moth)	
(f) Phytonemus pallidus (strawberry mite)	
(g) Pseudococcus calceolariae (scarlet	
mealybug)	
mearyouz)	
(viii) New Zealand	
(a) Aspidiotus narii (quauba scala)	
(a) Aspidiotus nerii (aucuba scale)	

(b) Calepitrimerus vitis (mite, grape leaf rust)	
(c) Epiphyas postvittana (light brown apple	
(c) Epiphyas posiviliana (light brown apple moth)	
(d) Frankliniella occidentalis (Western flower	
() P = (i + i) (i +	
(e) Panonychus citri (citrus red mite)	
(f) Pseudococcus calceolariae (scarlet	
mealybug)	
(g) Pseudococcus longispinus (long-tailed	
mealybug)	
(ix) South Africa	
(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)	
(b) <i>Ceratitis rosa</i> (Natal fruitfly)	
(c) <i>Frankliniella occidentalis</i> (western flower	
thrips)	
(d) <i>Pseudococcus calceolariae</i> (scarlet	
mealybug)	
(e) <i>Scirtothrips aurantii</i> (South African citrus	
thrips)	
(x) U.S.A.	
(a) Anastrepha fraterculus (South American	
fruit fly)	
(b) Aspidiotus nerii (aucuba scale)	
(c) <i>Ceratitis capitata</i> (Mediterranean fruitfly)	
(d) Epiphyas postvittana (light brown apple	
moth)	
(e) Frankliniella occidentalis (Western flower	
thrips)	
(f) Panonychus citri (citrus red mite)	
(g) Peridroma saucia (pearly underwing moth)	
(h) <i>Pseudococcus calceolariae</i> (scarlet	

			<ul> <li>mealybug)</li> <li>(i) Seelaspidus articulatus (West Indies red scale)</li> </ul>	
		(ii) Raisins (dried grapes) for consumption.		Fumigation with Methyl bromide @ 16 gms /cu. m for 24 hrs at 28 ° 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
23.	Hops (Humulus spp.)	(i) Cuttings (rooted/ un-rooted)/Saplings	<ul> <li>Freedom from:</li> <li>(a) Downy mildew (<i>Pseudoperonospora humuli</i>)</li> <li>(b) Hops cyst nematode (<i>Heterodera humuli</i>)</li> <li>(c) Hop viruses</li> </ul>	<ul><li>(i) Post-entry quarantine for a period of 6 months.</li><li>(ii) Freedom from soil.</li></ul>
		(ii) Dried flower cones (hops) in bales for industrial processing.	As above at (b).	Fumigation with Methyl bromide @ 16 gms /cu. m for 24 hrs at 28 ° 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.
24.	Lucerne or Alfa alfa (Medicago spp.)	Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Yellow leaf blotch (<i>Pyrenopeziza medicaginis</i>)</li> <li>(b) Sclerotinia wilt (<i>Sclerotinia trifoliorum</i>)</li> <li>(c) Bacterial wilt (<i>Corynebacterium</i></li> </ul>	Commercial import subject to prior approval of Department of Agriculture & Cooperation.

			<i>michiganense pv. insidiosum</i> ) (d) Alfalfa cryptic virus, alfalfa mosaic virus.	
25.	Maize (Corn) (Zea mays)	(i) Seeds for sowing.	<ul> <li>Freedom from: <ul> <li>(a) Stewart's wilt (<i>Pantoea stewartii sub sp. stewartii</i>)</li> <li>(b) Nebraska wilt (<i>Clavibacter michiganensis sub sp. nebraskensis</i>)</li> <li>(c) Southern corn blight (<i>Drechslera maydis</i> Race T)</li> <li>(d) Ergot (<i>Claviceps gigantea</i>)</li> <li>(e) Tropical rust (<i>Physopella zeae</i>)</li> <li>(f) Anthracnose (<i>Kabatiella zeae</i>)</li> <li>(g) Larger grain borer (<i>Prostophonus truncatus</i>)</li> <li>(h) Maize weevil (<i>Sitophilus zeamais</i>)</li> <li>(i) Maize viruses</li> </ul></li></ul>	(i) Commercial import shall be subject to prior approval of Department of Agriculture & Cooperation.
		(ii) Grain for consumption or processing	<ul> <li>Freedom from:</li> <li>(a) Ergot (<i>Claviceps gigantea</i>)</li> <li>b) Larger grain borer (<i>Prostophonus truncatus</i>)</li> <li>© Maize weevil (<i>Sitophilus zeamais</i>)</li> </ul>	<ul> <li>(i) The above condition shall not apply.</li> <li>(ii) Fumigation with methyl bromide @ 32g/cu. m for 24 hrs., at 28 ° 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.</li> <li>.</li> </ul>
26.	Oil palm (Elaeis guineensis) and related species	(i) Seeds/ Pollen/ Seed sprouts	<ul> <li>(i) Freedom from</li> <li>(a) Vascular wilt (Fusarium oxysporum f.sp. elaeidis)</li> <li>(b) Freckle (<i>Cercospora elaedis</i>)</li> <li>(c) Red ring (<i>Rhadinaphelenchus cocophilus</i>)</li> </ul>	(i)Commercial import of seeds (nuts) /seed sprouts subject to prior approval of Department of Agriculture & Cooperation.

			<ul> <li>and its vector <i>Rhyncophorus palmarum</i></li> <li>(d) Lethal bud rot or sudden wilt [Marchites sorpresiva (phytoplasmas)]</li> <li>(e) Fatal wilt or hart rot (<i>Phytomonas staheli</i>)</li> <li>(f) Leaf mottle virus</li> <li>(g) Cadang cadang and related viroids</li> <li>(h) Palm kernel borer (<i>Caryobruchus spp. and Pachymerus spp.</i>)</li> </ul>	(ii) Consignment will be grown under post-entry quarantine for a period of 10-12 months.
27.	Orchids: (Aranda, Catteleya, Cymbidium, Dendrobium Lawlio- catteleya, Mokara, Odontoglosum, Phalaenopsis,	(i) Saplings	<ul> <li>Freedom from:</li> <li>(a) Bacterial leaf spots (<i>Burkholderia gladioli pv. gladioli &amp; Erwinia chrysanthemi</i>)</li> <li>(b) Blossom blights (<i>Colletotrichum coccodes &amp; Phyllostica capitalensis</i>)</li> <li>© Orchid viruses such as cymbidium mosaic, vanilla mosaic &amp; necrosis, Odontoglosum ring spot and orchid fleck etc.</li> </ul>	Post-entry quarantine for a period of 45-60 days.
	Vanda, Vanila etc.	(ii) Tissue-cultured plants	Certified that the tissue-cultured plants are obtained from mother stock tested and maintained virus-free.	The above condition shall not apply.
28.	Ornamental Palm species: (Arikuryoba, Borasus,Caryot a, Carypha, Chamaeodorea, Chrysalidocorp us, Dictyosperma, Washingtonia,	Seeds/ Seed sprouts	<ul> <li>(i) Freedom from:</li> <li>(a) Bactrial blight (<i>Acidovorax avenae sub sp. avenae</i>)- For Carypha spp only</li> <li>(b) Mosaic (Poty virus)- For Washingtonia spp only</li> <li>(C Red ring nematode (<i>Rhadinaphelenchus cocophilus</i>)</li> <li>(ii) Certified that the seeds/seed sprouts</li> </ul>	Post-entry quarantine for a period of 10-12 months.
	Roystonia,		collected from mother palms free from Cadang	

	Hyophorbe, Pritchardia, Sabal, Syogrus, Trachycorpus, Vietchia, Mascarena		cadang (viroids)	
29.	Pea (Pisum spp)	(i) Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Pod and stem blight (<i>Phomopsis logicolla</i>)</li> <li>(b) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)</li> <li>(c) Pea cyst nematode (<i>Heterodera goettingiana</i>)</li> <li>(d) Bruchids (<i>Bruchidius spp. Specularis impressithorax</i>)</li> <li>(e) Pea viruses viz. early-browning, enation mosaic, green mottle, mild mosaic, seed-borne mosaic (Potyvirus)</li> </ul>	<ul> <li>(j) Freedom from soil.</li> <li>(ii) Seed shall be appropriately treated with suitable fungicide and treatment shall be endorsed on the phytosanitary certificate.</li> </ul>
		(ii) Seeds for consumption or processing	As above at (b), (c) and (d).	Fumigation with Methyl bromide @ 32 gm/cu. m at @ 28 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.
30.	Pelargonium (Pelargonium spp.)	Seeds/Cuttings/ Saplings for planting or propagation	<ul> <li>Freedom from:</li> <li>(a) Bacterial spot (<i>Xanthomonas campestris pv. pellargonii</i>)</li> <li>(b) Pelargonium viruses viz. flower break virus, leaf curl virus, vein clearing virus and zonate spot virus.</li> </ul>	Post-entry quarantine for a period of 45-60 days.
31.	Pepper/ Chillies	Seeds for sowing	Freedom from:	

	(Capscium spp.)		<ul> <li>(a) Bacterial scab (<i>Xanthomonas campestris pv. vesicatoria</i>)</li> <li>(b) Pepper viruses viz. mild mosaic, mild mottle, ring spot, severe mosaic and veinal mottle.</li> </ul>	
32.	Pome Fruits: (Apple, Pear (Pyrus spp.) Quince (Cydonia spp.) and Nectarine (Amygdalus spp)).	(i) Cuttings/ Saplings/ Bud wood for planting or propagation	<ul> <li>(i) Freedom from:</li> <li>(a) Fire blight (<i>Erwinia amylovora</i>)</li> <li>(b) Crown gall (<i>Agrobacterium tumefaciens</i>)</li> <li>(c) Hairy root (<i>A rhizogenes</i>)</li> <li>(d) Apple and pear rusts (<i>Gymnosporangium spp</i>) non asiatic</li> <li>(e) Apple chlorotic leaf spot, apple mosaic, apple scar skin, apple stem grooving viruses.</li> <li>(f) Seed chalcid (<i>Megastigmus spermotrophus</i>)</li> <li>(g) Viruses/phytoplasmas affecting Pomidae.</li> </ul>	<ul> <li>(i) Post-entry quarantine for a period of 1-2 years.</li> <li>(ii) Commercial imports subject to prior approval of Department of Agriculture &amp; Cooperation (Ministry of Agriculture).</li> </ul>
		(ii) Tissue cultured plants	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.
	Pome fruits (Apple, Pear etc)	Fresh fruits for consumption	<ul> <li>Country specific Quarantine Pests</li> <li>(i) Australia</li> <li>(a) Bactrocera tryoni (Queensland fruit fly)</li> <li>(b) Ceratitis capitata (Mediterranean fruit fly)</li> <li>(c) Cydia pomonella (codling moth)</li> <li>(d) Epiphyas postvittana (light brown apple moth)</li> <li>(e) Pseudococcus calceolariae (scarlet</li> </ul>	

mealybug)	
mearyoug)	
(ii) Canada	
<ul><li>(a) <i>Cydia molesta</i> (oriental fruit moth)</li><li>(b) <i>Erwinia amylovora</i> (fireblight)</li></ul>	
(c) <i>Pandemis heparana</i> (apple brown tortrix)	
(d) <i>Peridroma saucia</i> (pearly under wing	
moth)	
(e) Pseudococcus comstocki (Comstock mealy	
bug)	
(f) <i>Rhagoletis pomonella</i> (apple maggot)	
(iii) Chile	
(a) Ceratitis capitata (Mediterranean fruit fly)	
(iv) China	
(a) Adoxophyes orana (summer fruit tortrix)	
(b) <i>Cydia funebrana</i> (red plum maggot)	
(c) Cydia inopinata (Manchurian fruitmoth)	
(d) Cydia molesta (Oriental fruit moth)	
(e) <i>Cydia pomenalla</i> (Codling moth)	
(f) Pandemis cerasana (Common twist moth)	
(g) <i>Pandemis heparana</i> (apple brown tortrix)	
(h) <i>Peridroma saucia</i> (Pearly underwing moth)	
(v) France	
(a) Adoxophyes orana (summer fruit tortrix)	
(b) Ceratitis capitata (Mediterranean fruit fly)	
(c) <i>Cydia funebrana</i> (red plum maggot)	
(d) Cydia molesta (oriental fruit moth)	
(e) <i>Cydia pomonella</i> (codling moth)	
(f) Erwinia amylovora (fire blight)	

	<ul><li>(g) <i>Pandemis heparana</i> (apple browntortrix)</li><li>(h) <i>Peridroma saucia</i> (pearly underwing moth)</li></ul>	
	(i) <i>Pseudococcus calceolariae</i> (scarlet	
	mealybug)	
	mearyoug)	
	(vi) Iran	
	(a) <i>Cydia pomonella</i> (codling moth)	
	(vii) New Zealand	
	(a) Cydia molesta (oriental fruit moth)	
	(b) <i>Cydia pomonella</i> (Codling moth)	
	(c) <i>Epiphyas postvittana</i> (light brown apple	
	moth)	
	(d) <i>Erwinia amylovora</i> (fire blight)	
	(e) <i>Pseudococcus calceolariae</i> (scarlet mealy	
	-	
	bug)	
	(viii) South Africa	
	(a) Ceratitis capitata (Mediterranean fruit fly)	
	(b) <i>Ceratitis rosa</i> (Natal fruit fly)	
	(c) <i>Cydia molesta</i> (Oriental fruit moth)	
	(d) <i>Cydia pomenella</i> (Codling moth)	
	(e) Erwinia amylovora (fire blight)	
	(f) <i>Pseudococcus calceolariae</i> (scarlet mealy	
	bug)	

			(ix) U.S.A.	
			<ul><li>(a) <i>Ceratitis capitata</i> (Mediterranean fruit fly)</li><li>(b) <i>Cydia pomonella</i> (codling moth)</li></ul>	
			(c) <i>Epiphyas postvittana</i> (light brown apple	
			(c) 2pppinger position (inght of on in appro- moth)	
			(d) Erwinia amylovora (firteblight)	
			(e) <i>Pseudococcus calceolariae</i> (scarlet mealy bug)	
			(f) <i>Pseudococcus comstocki</i> (Comstock mealy	
			bug)	
			(g) Rhagoletis omonella (apple maggot)	
			(x) Italy	
			(a) Adoxophyes orana (summer fruit tortrix)	
			(b) <i>Ceratitis capitata</i> (Mediterranean fruit fly)	
			(c) <i>Cydia funebrana</i> (red plum maggot)	
			<ul><li>(d) <i>Cydia molesta</i> (oriental fruit moth)</li><li>(e) <i>Erwinia amylovora</i> (fireblight)</li></ul>	
			(f) <i>Pandemis cerasana</i> (common twist moth)	
			(g) <i>Pandemis heparana</i> (apple brown tortrix)	
			(h) Peridroma saucia (pearly underwing	
			moth)	
			(i) <i>Pseudococcus calceolariae</i> (scarlet mealy	
33.	Rape/Mustard	(i) Seeds for sowing	bug) Freedom from:	Commercial import of seeds
55.	(Brassica spp)	(I) Seeds for sowing	(a) Light leaf spot ( <i>Gloeosporium</i>	for sowing subject to prior
	(Drassica spp)		concentricum)	approval of Department of
			(b) Raphanus leaf spot ( <i>Xanthomonas</i>	Agriculture & cooperation.
			campestris pv. raphanai)	
			(c) Bacterial leaf spot ( <i>Pseudomonas syringae</i>	
			pv. maculicola)	
		(ii) Seeds for	Nil	

34.	Rice (Oryza	consumption (ii) Grain for	Freedom from:	<ul> <li>(j) The above condition shall not apply.</li> <li>(ii) Devitalization of seed just prior to export and the treatment to be endorsed on phytosanitary certificate</li> <li>Fumigation with Methyl</li> </ul>
	sativa)	consumption	(a) Granary weevil (Sitophilus granarius)	bromide @ 32 gm/cu. m at @ 28 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
35.	Rose (Rosa spp.)	Rooted cuttings/ Grafts/ Bud wood/Saplings for planting	<ul> <li>Freedom from:</li> <li>(a) Crown gall (Agrobacterium tumefaciens)</li> <li>(b) Hairy root (A. rhizogenes)</li> <li>(c) Brand canker (Coniothyrium wernsdorfiae)</li> <li>(d) Brown canker (Cryptosporella umbrina)</li> <li>(e) Downy mildew (Peronospora sparsa)</li> <li>(f) Rust (Phragmidium spp.)</li> <li>(g) Rose streak virus</li> <li>(h) Rose wilt virus</li> </ul>	<ul><li>(i) Post-entry quarantine for a period of 18 months and buddings for 90 days.</li><li>(ii) Freedom from soil for rooted cuttings.</li></ul>
36	Small fruit plant species:			
	(a) Blue berry & Cranberry (Vaccinium spp.)	(i) Cuttings (rooted/unrooted / Grafts/Bud wood/Saplings for planting.	<ul> <li>Freedom from:</li> <li>(a) Leaf rust (<i>Pucciniastrum myrtili</i>)</li> <li>(b) Red leaf (<i>Exobasidium vaccinii</i>)</li> <li>(c) Red gall (<i>Synchytrium vaccinii</i>)</li> <li>(d) Witches'broom (<i>Pucciniastrum goeppertianum</i>)</li> <li>(e) Straw berry weevils (<i>Anthonomus signatus</i>)</li> </ul>	<ul> <li>(i) Commercial imports are subject to prior approval of Department of Agriculture &amp; Cooperation</li> <li>(ii) Post-entry quarantine for a period of 9-12 months;</li> </ul>

	<ul> <li>(ii) Seeds for sowing</li> <li>(iii) Tissue-cultured plants</li> </ul>	<ul> <li>&amp; A. bisignifer)</li> <li>(f) Blue berry viruses viz., blue berry mosaic, shoe-string, red (necrotic) ring spot, leaf mottle, peach rosette and tomato ring spot</li> <li>(g) Phytoplasmas (blueberry stunt, witches'broom and cranberry false blossom</li> <li>Freedom from: <ul> <li>(a) Mummy berry (<i>Monilia vacciniicorymbasi</i>)</li> <li>(b viruses affecting blueberry &amp; cranberry as per item (f) above.</li> </ul> </li> <li>Certified that the tissue-cultured plants are obtained from mother stock tested/indexed and maintained virus-free.</li> </ul>	<ul> <li>(v) Freedom from soil</li> <li>(vi) 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</li> <li>As per conditions (i) and (ii) stated above.</li> </ul>
(b) Gooseberry &Currants (Ribes spp)	(i) Cuttings (rooted/un- rooted)/Bud wood/Grafts/Saplings	<ul> <li>Freedom from:</li> <li>(a) American (gooseberry) mildew <ul> <li>(Sphaerotheca mors-u-vae)</li> </ul> </li> <li>(b) European (gooseberry) mildew <ul> <li>(Microsphaeria grassulariae)</li> </ul> </li> <li>(c) Leaf spot (Anthracnose) (Pseudopeziza ribis)</li> <li>(d) Cluster cup rust (Puccinia pringsheimiana)</li> <li>(e) Black pustule (Plowrightia ribesia)</li> <li>(f) Cane blight (Botryosphaeria ribris)</li> <li>(g) Viruses viz., black current reversion, gooseberry vein banding, raspberry ring spot, arabis mosaic, and strawberry latent ring spot.</li> </ul>	<ul> <li>(i) Commercial imports subject to prior approval of Department of Agriculture &amp; Coperation.</li> <li>(ii) Post-entry quarantine for a period of 9-12 months.</li> <li>(iii) Freedom from soil</li> <li>(iv) Dormant cuttings shall be appropriately fumigated or treated at the country of origin and the treatment shall be endorsed on phytosanitary</li> </ul>

	(ii) Seed for sowing	Freedom from seed-borne viruses such as raspberry ring spot, arabis mosaic and strawberry latent ring spot.	certificate.
	(iii) Tissue-cultured plants.	Certified that the tissue-cultured plants are obtained from mother stock tested/indexed and maintained virus-free.	As per condition (i) and (ii).
	plants.		As per condition (i).
© Raspberry (Rubus spp.)	(i) Cuttings (rooted/un- rooted)/Bud wood / Grafts/Saplings.	<ul> <li>Freedom from:</li> <li>(a) Crown gall (Agrobacterium tumaefaciens)</li> <li>(b) Hairy root (A. rhizogenes)</li> <li>© Rusts (Gymnoconia nitens, Kuehneola uredinalis, Phragmedium bulbosum, P. rubi-</li> </ul>	(i) Commercial imports subject to prior approval of Department of Agriculture & Cooperation.
		idaeli, P. violacearum & Pucciniastrum americanum) (d) Downy mildew (Peronospora rubi)	(ii) Post-entry quarantine for a period of 9-12 months.
		<ul><li>(e) Straw berry weevils (Anthonomus signatus &amp; A. bisignifer)</li></ul>	(iii) Freedom from soil
		(f) Viruses such as raspberry ring spot, leaf mottle, leaf spot, bushy dwarf, leaf curl, raspberry (black) necrosis, vein chlorosis & yellow dwarf, arabis mosaic and straw berry shoestring.	(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	Freedom 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	Certified that the tissue-cultured plants are obtained from mother stock tested/indexed and maintained virus-free.	
			As per condition (i).
(a) Straw berry			

	(Fragaria spp.)			
		Stem (runner) cuttings	Freedom from:	(i) Commercial imports subject
		(rooted/un-rooted) for	(a) Phomopsis blight ( <i>Phomopsis obscurens</i> )	to prior approval of
		planting.	(h) Red stele ( <i>Phytophthora fragariae</i> )	Department of Agriculture &
			(i) Crown rot ( <i>Phytophthora cactorum</i> ) (i) Appular loaf apot ( <i>Yanthomonas francariae</i> )	Cooperation.
			<ul> <li>(j) Angular leaf spot (<i>Xanthomonas fragariae</i>)</li> <li>(k) American dagger nematode (<i>Xiphinema americanum</i>)</li> <li>(l) Leaf blotch (<i>Gnomonia fragariae</i>)</li> <li>(m) Straw berry weevils (<i>Anthonomus signatus &amp; A. bisignifer</i>)</li> <li>(n) Straw berry viruses viz., mottle, vein banding, crinkle leaf (rhabdovirus), mild yellow edge, latent ring spot (nepovirus), latent C, and raspberry ring spot (tomato black ring spot virus).</li> <li>(o) Aster yellows, straw berry green petal, phyllody &amp; yellows (phytoplasmas).</li> </ul>	<ul> <li>(iv) Post-entry quarantine for a period of 9-12 months.</li> <li>(v) Freedom from soil</li> <li>(vi) Dormant cuttings shall be appropriately fumigated or treated at the country of origin and the treatment shall be endorsed on phytosanitary certificate.</li> </ul>
		(ii) Seeds for sowing	Freedom from seed-borne viruses such as arabis mosaic, raspberry ring spot & straw berry latent ring spot.	
		(ii) Tissue-cultured plants for planting.	Certified that tissue-cultured plants are obtained from mother stock indexed/tested and maintained virus-free.	The above condition at (i) and (ii)
				The above condition at (i)
37.	Sorghum (Sorghum spp.)	Seeds for sowing	Freedom from: (a) Bacterial blight ( <i>Burkholderia</i> <i>andropogoni</i> )	Commercial import of seeds for sowing subject to prior approval of Department of
			<ul> <li>(b) Bacterial leaf streak (<i>Xanthomonas</i> vasicola pv. holcicola)</li> <li>(c) Milo disease (<i>Periconia circinata</i>)</li> </ul>	Agriculture & Cooperation

			<ul> <li>(d) Striga weed (<i>Striga harmonthica</i>)</li> <li>(e) Sorghum viruses viz. chlorotic spot, mosaic</li> </ul>	
38.	Soybean (Glycine spp.)	(i) Seed for sowing	<ul> <li>(i) Freedom from:</li> <li>(a) Downy mildew (<i>Peronospora manshurica</i>)</li> <li>(b) Stem canker (<i>Diaporthe phaseolorum var. caulivora</i>)</li> <li>(c) Root and stem rot (<i>Phytophthora megasperma var. sojae</i>)</li> <li>(d) Pod and stem blight (<i>Phomopsis longicolla</i>)</li> <li>(e) Soybean cyst nematode (<i>Heterodera glycines</i>)</li> <li>(f) Bacterial wilt (<i>Curtobacterium flaccunfaciens pv. flaccunfaciens</i>),</li> <li>(g) Soybean viruses viz. mosaic, dwarf, crinkle leaf, chlorotic mottle,cucumber mosaic, stunt, poty, tobacco ring spot, tobacco streak, tobacco black ring.</li> <li>(h) Bruchids (<i>Bruchidius spp.</i>)</li> </ul>	<ul> <li>(i) Commercial import of seeds for sowing subject to prior approval of Department of Agriculture &amp; Coperation</li> <li>(ii) Freedom from soil.</li> </ul>
		(ii) Seeds for consumption/ processing	Devitalisation of seed at the country of origin just prior to export and the particulars of treatment to be endorsed on PSC.	
39.	Stone fruits (Prunus spp.) such as plum, peach, cherry, apricot, almond	(i) Stones (Seeds)/ Grafts/ Bud wood/Cuttings.	<ul> <li>(i) Freedom from:</li> <li>(a) Crown gall (<i>Agrobacterium tumefaciens</i>)</li> <li>(b) Hairy root (<i>A. rhizogenes</i>)</li> <li>(c) Bacterial die back of peach (<i>Pseudomonas syringae pv. persicae syn. P. morsprunorum</i>)</li> <li>(d) Black knot (<i>Dibotryan morbosum</i>)</li> <li>(e) Gummosis (<i>Euitypa armeniaceae</i>)</li> <li>(f) Brown rot (<i>Monilinia fructicola</i>)</li> </ul>	<ul> <li>(i) Post-entry quarantine for a period of 1-2 years</li> <li>(ii) Commercial imports are subject to prior approval of Department of Agriculture &amp; Cooperation.</li> <li>(iii) Plants cuttings shall be appropriately fumigated or treated against insect</li> </ul>

	<ul> <li>(American strain_)</li> <li>(g) Blossom blight &amp; fruit rot (<i>M. laxa</i>)</li> <li>(h) Scab (<i>Venturia cerasi</i>, <i>V. carpophila</i>)</li> <li>(i) Cherry leaf spot (<i>Blumeriella jaapii</i>)</li> <li>(j) Plum weevil (<i>Conotrachelus menuphar</i>)</li> <li>Stone viruses viz. Prunus necrotic ring spot, Prunus virus S</li> </ul>	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	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	<ul> <li>(i) Freedom from:</li> <li>(a) Oriental fruit moth (<i>Cydia molesta</i>)</li> <li>(b) Gypsy moth (<i>Lymantria dispar</i>)</li> <li>(c) Mediterranean fruit fly (<i>Ceratitis capitata</i>)</li> <li>(d) Manchurian fruit moth (<i>Cydia inopinata</i>)</li> <li>(e) Cherry fruitworm (<i>C. packardi</i>)</li> <li>(f) Plum moth (<i>C. prunivora</i>)</li> <li>(g) Mexican fruitflies (<i>Rhagoletis spp.</i>)</li> <li>(h) Peach fruit moth (<i>Carposina niponenosis</i>)</li> <li>Freedom from: <ul> <li>(a) Mediterranean flour moth (<i>Ephestia kuehniella</i>)</li> <li>(b) Apricot chalcid</li> </ul> </li> </ul>	
(iv) Dry fruits for consumption		Fumigation with Methyl bromide@ 16gm/cu. m for 24hrs at 28 ° C and above under NAP and the treatment shall be endorsed on the phytosanitary certificate or by

40.	Sunflower (Helianthus spp.)	(i) Seeds for sowing	<ul> <li>(i) Freedom from:</li> <li>(a) Downy mildew (<i>Plasmopara halstedii</i>)</li> <li>(b) Leaf spot (<i>Septoria helianthi</i>)</li> <li>(c) Broomrape (<i>Orobanche cumana</i>)</li> <li>(d) Sunflower viruses viz. crinkle, mosaic, yellow blotch</li> <li>(e) Bruchid (<i>Bruchidius spp.</i>)</li> <li>(f) Larger Dermestid beetle (<i>Trogoderma versicolor</i>)</li> <li>.</li> </ul>	<ul> <li>any other fumigant/substance in the manner approved by the Plant Protection Adviser.for this purpose</li> <li>(i) Commercial import of seeds for sowing subject to prior approval of Department of Agricultue &amp; Cooperation.</li> <li>(ii) Seed treatment with metalaxyl @ 2% at the country of origin prior to shipment and the treatment shall be endorsed on phytosanitary certificate.</li> </ul>
		(ii) Seeds for consumption or processing		<ul> <li>(i) The above conditions shall not apply.</li> <li>(ii) Devitalisation of seed at the country of origin prior to export and the particulars of treatment to be endorsed on phytosanitary certificate.</li> </ul>
41.	Timber logs (i) Chest nut (Castanea spp)	Logs with bark	Freedom from: (a) Chest nut blight ( <i>Cryphonectria parasitica</i> )-American strain	The timber shall be fumigated with Methyl bromide @ 32 gm/cu. m at 28 ° C and above 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

	(ii) Elm (Ulmus spp)		Freedom from: (a) Dutch elm disease ( <i>Ceratocystis ulmi</i> )- American & European strains (p) Elm bark beetle ( <i>Scolytidae</i> )	Protection Adviser for this purpose. Same as above.
	(iii) Oak (Quercus spp)		Freedom from: (a) Oak wilt ( <i>Ceratocystis fagacearum</i> ) (q) Oak bark beetles ( <i>Pseudopityopthorus spp</i> )	Same as above.
	(iv) Pine wood (Pinus spp)		<ul> <li>Freedom from:</li> <li>(a) Branch and trunk cankers (<i>Atropellis piniphila, A. pinicola</i>)</li> <li>(b) Pine wood nematode (<i>Bursaphelenchus xylophilus</i>)</li> <li>(c) Cerambicid vector (<i>Monochamus spp.</i>)</li> <li>(d) Pine beetles (Scolytidae) and pine weevils (<i>Pissodes spp.</i>)</li> <li>(e) Sirex wasp (<i>Sirex spp</i>)</li> </ul>	Same as above.
42.	Tobacco (Nictiana tabaccum	Leaves (un- manufactured) in bales	<ul> <li>(i) Freedom from:</li> <li>(a) Chocolate moth (<i>Ephestia elutella</i>)</li> <li>(b) Blue mould (<i>Peronospora hyoscyami f.sp. tabacina</i>)</li> </ul>	Fumigation with ALP (Phosphine) @ 3 tablets per tonne for 5-7 days.
43.	Tomato (Lycopersicon esculentum)	Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Bacterial canker (<i>Clavibacter</i> michiganensis sub sp. michiganensis)</li> <li>(r) Bacterial leaf spot (<i>Pseudomonas syringae</i> pv. tomato)</li> <li>(s) Bacterial pustule (<i>Pseudomonas syringae</i> pv. punctulens)</li> <li>(d) Potato spindle tuber (viroid)</li> </ul>	

44.	Watermelon (Citrullus lanatus).	(i) Seeds for sowing	<ul> <li>Freedom from:</li> <li>(a) Bacterial fruit blotch (<i>Acidovorax avenae subsp. citrulli</i>)</li> <li>(b) Angular leaf spot (<i>Pseudomonas syringae pv. lachrymans</i>)</li> <li>(c) Soft rot (Xanthomonas melonis)</li> <li>(d) Watermelon viruses viz. chlorotic stunt, curly mottle, mosaic virus 2.</li> </ul>	Commercial import subject to prior approval of Department of Agriculture & Cooperation.
		(ii) Seeds for consumption	Nil	<ul> <li>(j) The above condition shall not apply.</li> <li>(ii) Devitalized by heat treatment at the country of origin and the treatment shall be endorsed on phytosanitary certificate</li> </ul>
45.	Wheat (Triticum spp.)	Grains for consumption or processing	<ul> <li>(i) Freedom from:</li> <li>(a) Granary weevil (<i>Sitophilus granarius</i>)</li> <li>(b) Confused flour beetle (<i>Tribolium confusum</i>)</li> <li>(c) Ergot (<i>Claviceps purpurea</i>)</li> <li>(d) Dwarf bunt (<i>Tilletia contraversa</i>)</li> </ul>	Fumigation with Methyl bromide @ 32 gm/cu. m at @ 28 ° 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.

#### **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 issued by the exporting country, the inspection conducted by inspection authority and fumigation, if required including all other general conditions.

S.No.	Plants/plant material	S. No.	Plants/plant materials
	A. Spices and Condiments	41.	Soap nut
1.	Black pepper (Piper niagrum)	42.	Paneer dodi
2.	Caraway ( <i>Carum caraway</i> )	43.	Black cumin
3.	Chinese cassia (Cassia cinnnamomum)	44.	Howbar
4.	Cloves	45.	Ratton jot
5.	Cinnamom (Cinnamomum cinnamomum)	46.	Banaba
6.	Garcinia (Garcinia combojia)	47.	Gandh Roots
7.	Popy seed (Papavera somnifera)	48.	Griffonia simplifolia
8.	Small cardamom ( <i>Eliteria cardamomum</i> )	49.	Rhodiola
9.	Large cardamom (Amomum subulatum)	50.	Willow bark
10.	Dry Ginger (Zingiber officinalis)		Narcotics & Bevarages
11.	Long Pepper (Piper longum)	51.	Betel nut (Areca catechu)
12.	Staraniseed	52.	Tea (including green tea)
13.	Coriander (Coriandrum sativum)	53.	Tea Seed Powder
14.	Cumin ( <i>Cuminum cyminum</i> )	54.	Roasted Coffee beans
15	Celary (Apium graviolens)	55.	Cocoa powder
16.	Spearmint	56.	Betel nut (Areca catechu)
17.	Fenugreek (Trigonella Foenum- graekam)		Timber logs & Timber Products
18.	Fennel	57.	Agar wood
19.	Bay leaf	58.	Ash logs
20.	Oreganum	59.	Beech logs
21.	Laurel	60.	Rubber wood
22.	All Spice (Pumento sp)	61.	Bamboo sticks
	B. Dry fruits & Nuts	62.	Rattan (Cane)
23.	Pistachio	63.	Gurjan logs
24	Cashew nuts (Raw)	64.	Keruing logs
25	Figs (dried)	65.	Merbau logs
	C. Medicinal Herbs	66.	Padauk logs
26.	Gall nuts	67.	Maple logs
27.	Cubebs (Piper cubeba)	68.	Selaganbatu logs
28.	Gallangal Roots	69.	Sal logs
29.	Kachura	70.	Pyinkado logs
30.	Kava Roots	71.	Teak Logs
31.	Kola nuts	72.	Veneer & Plywood
32.	Rosemary		Miscellaneous Plant Products
33.	Thyme	73.	Copra (dried kernel of coconut)
34.	Liquorice	74.	Animal feeds
35.	Neem	75.	Hop pellets

36.	Nutmeg & Mace ( <i>Mrystica aravens</i> )	76.	Hemp fibres
37.	Pacific yew	77.	Spanish moss
38.	Guggal	78.	Sisal fibres
39.	Mulati	79.	Jute fibres
40.	Korean Gensing roots	80.	Dry plant material

# SCHEDULE-VIII [See Clause 3 (12) and 8 (1)] List of Quarantine Weed Species

1. Abutilon theophrasti	32. Echium plantagineum
2. Agrostemma githago	33. Emex australis
3. Alectra sp.	34. Emex spinosa
4. Allium vineale	35. Froelichia floridana
5 Ambrosia artemisiifolia	36. Helianthus californicus
6. Ambrosia maritima	37. H. ciliaris
7. Ambrosia psilostachya	38. H. petiolaris
8. Ambrosia trifida	39. H. scaberrimus
9. Ammi visnaga	40. Heliotropium amplexicaule
10, Apera-spica-venti	41. Ipomoea coccinea
11. Arceuthobiumoxycedri	42. Leersia japonica
12. Avena sterilis	43. Lolium rigidum
13. Baccharis halimifolia	44. Matricaria perforatum
14. Bromus diandrus	45. Mimosa pigra
15. Bromus rigidus	46. Orobanche cumana
16. Bromus secalinus	47. Phalaris paradoxa
17. Cardus pycnocephalus	48. Polygonum cuspidatum
18. Cenchrus tribuloides	49. P. perfoliatum
19.Centaurea diffusa	50. Proboscidea lovisianica
20. C. maculosa	51. Raphanus raphanistrum
21. C. melitensis	52. Rumex crispus
22. C. solstitialis	53. Salsola vermiculata
23. Chondrilla juncea	54. Senecio jacobaea
24. Cichorium endivia	55. Solanum carolinense
25. C. pumilum	56. Striga hermonthica
26. C. spinosum	57. Thesium australe
27. Cordia curassavica	58. T.humiale
28. Cuscuta australis	59. Vicia villosa
29. Cynoglossum officinale	60. Viola arvensis
30. Desmodium tortuosum	61. Xanthium spinosum
31. Echinochloa crus-pavonis	

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

S. No.	Particular of import	Nos./ Weight/ Volume	Fees
(1)	(2)	(3)	(4)
1.	Plants / planting materials including cuttings, saplings, budwood, tissue culture of plant origin etc., requiring Post Entry Quarantine.	<ul><li>(i) Upto 10 nos.</li><li>(ii) Above 10 nos.</li></ul>	Rs. 250/- Rs. 250/- plus @ Rs. 1.60 per plant.
2.	Plants / planting materials including bulbs, tubers, corms, rhizomes, etc., requiring Post Entry Quarantine.	<ul><li>(i) Upto 100 nos.</li><li>(ii) Above 100 nos.</li></ul>	Rs. 100/- Rs. 100/- plus @ Rs. 0.40 per plant.
3.	Mushroom spawn culture/corm lets of ornamentals bulbs, size up to 2.5 cm diameter requiring Post-entry Quarantine and seeds for sowing.	<ul> <li>(i) Up to 1 kg</li> <li>(ii) Above 1 kg up to</li> <li>100 kg</li> <li>(iii) Above 100 kg up to</li> <li>500 kg</li> <li>(iv) Above 500 kg</li> </ul>	Rs. 100/- Rs. 100/- plus Rs. 50/- per additional kg Rs. 5050/-plus Rs. 15/- per additional kg Rs. 11050/-plus Rs. 5/- per additional kg
6.	Plant material such as seeds/fruits/nuts for consumption Note: Fraction of Kg/Tonne may be rounded off to the nearest unit.	<ul> <li>(i) Up to 2 kg.</li> <li>(ii) Above 2 kg up to 100 kg.</li> <li>(iii) Above 100 kg up to 1000 kg.</li> <li>(iv) Above 1000 kg</li> </ul>	Rs. 50/- Rs. 50/- plus Rs. 5/- per additional kg. Rs. 550/- plus Rs. 2/- per additional kg. Rs. 2500/- plus Rs.75/- per additional tonne except in case of pulses; Rs. 2500/- plus Rs. 50/- per additional tonne in case of pulses.

#### B. FUMIGATION/DISINFECTION/DISINFESTATION/SUPERVISIONCHARGES

1.	2.	3.	4.
1.	Plants / Planting materials/	(A) On volume basis	
	Planting products/Dry	(i) Upto 5 cu.m	Rs. 600/-
	fruits/ Fresh fruits/	(ii) Above 5 cu.m	Rs. 600/- plus Rs. 300/- per
	Vegetables/ Seeds/ soil/		additional 5 cu.m or part thereof.
	earth/clay.		
		(B) On container basis	
		(i) 20' container	Rs. 2400/-
		(33 cu.m)	Rs. 4500/-
		(ii) 40' Container	
		(66 cu.m)	

# **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. (1)	Issuing Authority (2)	Jurisdiction (3)	Authorized to issue permits for (4)
1.	Plant Protection Adviser to the Government of India, Ministry of Agriculture, Directorate of Plant Protection, Quarantine & Storage, NH-IV, Faridabad, Haryana-121001	All notified points of entry	All kinds of plants/plant materials and other items as: soil, peat, insects, microbial cultures, biocontrol agents etc.
2.	Director, National Bureau of Plant Genetic Resources, PUSA Campus, New Delhi- 110012	New Delhi	All kinds of import of plant germplasm for public/private sectors Institutions/ in the country.
3.	Joint Director (PP) Plant Quarantine Division, Directorate of Plant Protection, Quarantine and Storage, NH-IV, Faridabad- 121001, Haryana.	All notified points of entry	All kinds of plants/plant materials
4.	Deputy Director (PP/Ent.), National Plant Quarantine Station, Rangpuri New Delhi-110037.	<ul> <li>(i) New Delhi Airport</li> <li>(ii) All Notified points</li> <li>of entry in Northern</li> <li>Zone in the States of</li> <li>Delhi, Haryana,</li> <li>Himachal Pradesh, J&amp;K,</li> <li>Rajasthan, U.P. and</li> <li>Uttaranchal.</li> </ul>	Import of all kind of plants/ plant materials for sowing, planting propagation and consumption
5.	Deputy Director(PP/Ent.), Regional Plant Quarantine Station, Ajnala Road, Near Airforce Station, Raja Sansi Airport, Amritsar-143101	<ul> <li>(i) Amritsar Airport</li> <li>(ii) All notified points of entry bordering Pakistan in the States of Punjab &amp; UT Chandigarh</li> </ul>	Import of all kind of plants/ plant materials for sowing, planting, propagation and consumption
6.	Deputy Director (PP/Ent.), Regional Plant Quarantine Station ,GST Road, near Trident Hotel, Meenambakam, Chennai-21	<ul> <li>(i)Chennai</li> <li>Airport/Seaport</li> <li>(ii)All notified points of entry in Southern Zone</li> <li>in the States of Andhra</li> <li>Pradesh, Karnataka,</li> <li>Kerala, Tamil Nadu,</li> <li>UTs A&amp;N Islands,</li> <li>Lakshadeep and</li> <li>Pondicherry.</li> </ul>	. Import of all kind of plants/ plant materials for sowing, planting, propagation and consumption
7.	Deputy Director (PP/Ent.),	(i)Mumbai	Import of all kind of plants/ plant

	Regional Plant Quarantine Station, Haji Bunder Road, Sewri, Mumbai-400 014	Airport/Seaport (ii)All points of entry notified in Western Zone in the States of Goa, Gujarat, M.P., Chhatisgarh, Maharastra and UT Dadra & Nagar Haveli, Daman & Diu.	materials for sowing, planting, propagation and consumption.
8.	Deputy Director (PP/Ent.), RegionalPlant Quarantine Station,F.B.Block Sector III, Salt Lake City,Kolkata-24	<ul> <li>(i) Kolkata Airport/Seaport</li> <li>(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.</li> </ul>	Import of all kind of plants/ plant materials for sowing, planting, propagation and consumption.
9.	Plant Protection officer (E/PP) Plant Quarantine Station, 24 Paraganas, Bongaon (W.B)	Concerned Port of Entry	Import of Plants and Plant materials for consumption only.
10.	Plant Protection Officer (PP/E), Plant Quarantine Station, 25-A Hariyala Plot, Down Area Bhavnagar- 364001/ Kandla	Concerned Port of Entry	Import of Plants and Plant materials for consumption only.
11.	Plant Protection Officer (E/PP), Plant Quarantine Station, Willingdon Island, Cochin.	Concerned Port of Entry	Import of Plants and Plant materials for consumption only.
12.	Plant Protection Officer (E/PP), Plant Quarantine Station, Panitanki-Naxalbari, Rath Khola, P.O. Naxalbari, Distt. Darjeeling (W.B.)	Concerned Port of Entry	Import of Plants and Plant materials for consumption only.
13.	Plant Protection Officer (PP/E), Plant Quarantine Station, Gede Road, Nadiad (W.B.) – 741 503	Concerned Port of Entry	Import of Plants and Plant materials for consumption only.
14.	Plant Protection Officer	Concerned Port of Entry	Import of Plants and Plant

	(PP/E) Plant Quarantine		materials for consumption only.
	Station,		materials for consumption only.
	355, Beach Road,		
	Tuticorin – 628 001(T.N.)		
15.	Plant Protection Officer	Concerned Port of Entry	Import of Plants and Plant
15.	(PP/E), Plant Quarantine	Concerned Fort of Entry	materials for consumption only.
	Station,		materials for consumption only.
	T.C. No. 28/419,		
	Krishanmurari Road, Kaitha		
	Mukku P.O.,		
	Thiruananthpuram – 695 024		
16.	Plant Protection Officer	Concerned Port of Entry	Import of Plants and Plant
10.	(PP/E) Plant Quarantine	Concerned Fort of Entry	materials for consumption only.
	Station, Harbour,		materials for consumption only.
	Vishakhapatnam –35		
17.	Senior Plant Pathologist	Concerned Port of Entry	Import of Plants and Plant
17.	Plant Quarantine Station,	Concerned Fort of Entry	materials for consumption only.
	Cargo Air Terminal Complex,		inaterials for consumption only.
	Begampet, Hyderabad –16		
	Begunipet, Hyderabad 10		
18.	Deputy Director (E),Central	Concerned Port of Entry	Import of Plants and Plant
	Integrated Pest Management		materials for consumption only.
	Centre, Kormangla Road,		
	White field, Bangalore – 70		
19.	Plant Protection Officer (E),	Concerned Port of Entry	Import of Plants and Plant
	Central Integrated Pest		materials for consumption only.
	Management Centre,		
	16-Professor colony,		
	Bhanwar Kua Main Road,		
	Indore-452001		
20.	Plant Protection Officer (E),	Concerned Port of Entry	Import of Plants and Plant
	Central Integrated Pest		materials for consumption only.
	Management Centre		
	B-16, Mahanagar Extension		
	Lucknow-226020		
21.	Plant Protection Officer (E),	Concerned Port of Entry	Import of Plants and Plant
	Central Integrated Pest		materials for consumption only.
	Management Centre, New		
		1	1
	Punai Chowk Near Dr. Dutta		
	Punai Chowk Near Dr. Dutta House, Patna – 800 023		

# SCHEDULE-XI

#### [See clause 2 (xi)] List of Inspection Authorities for Certification of Post entry quarantine facilities and inspection of growing plants

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

			Research Complex for Goa, Ele Farm, Ele, Old Goa-403 402.
11.	Gujarat	Entire State	Head, Division of Plant Pathology, Gujarat Agricultural University, Dantiwada.
12.	Haryana	Entire State	Head, Division of Plant Pathology, Haryana Agricultural University, Hissar.
13.	Himachal Pradesh	Entire State(Agriculture)	Dead, Division of Plant Pathology, Himachal Pradesh Krishi Vishva Vidyalaya, Palampur.
14.	Himachal Pradesh	Entire State (Horticulture and Forestry)	Head, Division of Plant Pathology, Dr. Y.S. Parmar University of Horticulture and Forestry, Solan.
15.	Jammu & Kashmir	Entire State	Head, Division of Plant Pathology, Sher-e-Kashmir Agricultural University of Science and Technology, Srinagar/Jammu
16.	Karnataka,	Shimoga, Chitterdurga, South Kanada, Chickmaglur, Kolar, Bangalore, Hassan, Coorg, Mandya, Mysore	Head, Division of Plant Pathology, University of Agricultural Sciences, Bangalore 560067.
17.	Karnataka	Belgaon, Bellary, Bidar, Bijapur, Dharwar, Gulbarga, Raichur and Uttar Kannada	Head, Division of Plant Pathology, Dharwar University of Agricultural Sciences, Dharwar.
18.	Kerala	Entire State	Head, Division of Plant Pathology, Kerala Agricultural University, Trichur.
19.	Laskshadweep	Entire Union Territory	Head, Division of Plant Pathology, Kerala Agricultural University, Trichur.
20.	Madhya Pradesh	All districts of state except Raipur, Durg, Rajnandgaon, Bilaspur, Rajgarh, Surguja and Bastar	Head, Division of Plant Pathology, Jawahar Lal Nehru Krishi Vishva Vidyala, Jabalpur.
21.	Madhra Pradesh	Raipur, Durg, Rajnandgaon,	Head, Division of Plant Pathology, Indira Gandhi Krishi Vishva Vidyalaya,

		Bilaspur, Rajgarh, Surguja and Bastar	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, Narender 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, Hessarghata, Bangalore, Karnataka.

# SCHEDULE-XII

# [See clause 3 (4)]

Quantities of seeds permitted for trial purpose/accession to gene bank of National Bureau of Plant Genetic Resources.

Crop Species	Initial Trials (Kg)	Multi- location Trials (MLT)(Kg)	Agronomic Trials (AT)(Kg)	MLT+ AT (Kg)	Accession To gene bank (Gm)
1. Black gram	3.0	6.0	14.0	20.0	700
2. Castor	3.0.	6.0	9.0	15.0	500
3. Chick pea	15.0	30.0	70.0	100.0	1000
4. Cowpea	5.0	10.0	20.0	30.0	400
5. Green gram	3.0	6.0	14.0	20.0	120
6. Lentil	5.0	10.0	20.0	30.0	60
7. Linseed	5.0	10.0	15.0	25.0	15
8. Maize	5.0	10.0	10.0	20.0	900
9. Minor millet	2.0	4.0	6.0	10.0	15
10. Niger	2.0	4.0	4.0	8.0	15
11. Pearl millet	1.0	2.0	3.0	5.0	25
12. Peas	15.0	30.0	70.0	100.0	900
13. Pigeon pea	3.0	6.0	14.0	20.0	300
14. Rajmah	15.0	20.0	30.0	50.0	1000
15. Rape/ Mustard	1.0	2.0	3.0	5.0	10
16. Safflower	2.0	4.0	6.0	10.0	90
17. Sesamum	1.0	2.0	3.0	5.0	7
18. Sorghum	2.0	4.0	6.0	10.0	90
19. Soybean	10.0	20.0	55.0	75.0	500

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