**SCHEDULE - VI**

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

**List of plants/plant materials permitted to be imported with additional declarations and special conditions (Consolidated upto SeventhAmendment 2017, dated 24th August, 2017)**

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| **Sl. No.** | **Plant species** | **Category of plant**  **Material** | **Country of**  **Origin** | **Additional declarations required to be**  **incorporated into Phytosanitary Certificate** | **Special conditions of import** |
| **(1)** | **(2)** | **(3)** | **(4)** | **(5)** | **(6)** |
| 1. | *Abelmoschus esculentus*  (Okra) | Seeds for sowing | 1. China 2. Italy 3. Philippines 4. Thailand 5. Japan 6. Bangladesh 7. Malaysia | Nil | Free from quarantine weed seeds. |
| 1. France 2. Taiwan | Free from *Phomopsis longicolla* (phomopsis seed  decay) | Free from quarantine weed seeds. |
| (x) USA | Free from:   1. *Phomopsis longicolla* 2. *Helicoverpa zea* 3. *Cercospora abelmoschi* | 1. Free from quarantine weeds seeds 2. Free from soil contamination 3. Seed crop inspection and certification for free from (a) by a competent authority at the country of origin. |
| 2. | *Abies* spp. (Firwood) | (i) Wood with/ without bark | Europe  (except Portugal) | Free from:   1. *Ips typographus* (Spruce bark beetle) 2. *Pityogenes chalcographus* (Bark beetle, six dentated) 3. *Tomicus piniperda* (Pine beetle) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export. |

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|  |  | (ii) Wood with/ without bark | North America | Free from:   1. *Dendroctonus rufipennis* (Spruce beetle) 2. *Dioryctria abietivorella* (Fir cone worm) 3. *Dryocoetes confuses* (Western balsam bark beetle) 4. *Pityokteines sparsus* (Balsam fir bark beetle) 5. *Polygraphus rufipennis* (Foureyed spruce bark beetle 6. *Tomicus piniperda* (Beetle, pine) 7. *Bursaphenchus xylophilus* (Pine wood nematode) 8. Adelges piceae (Balsam woolly adelgid) 9. Choristoneura fumiferana (spruce budworm) 10. Choristoneura freemani (Western spruce budworm) 11. Choristoneura lambertiana (Sugar pine tortrix) 12. *Gilpinia hercyniae* (Spruce sawfly) 13. *Heterobasidion annosum* 14. Heterobasidion parviporum 15. *Hylurgops palliatus* (Lesser spruce shoot beetle) 16. *Lambdina fiscellaria* (Eastern hemlock looper) 17. *Melanophila drummondi* (Flat headed fir borer) 18. *Monochamus obtusus* (Obtuse sawyer) 19. *Neonectria fuckeliana* (Flute canker of radiata pine) 20. *Orgyia pseudotsugata* (Douglas-fir tussock moth) 21. *Otiorhynchus singularis* (Clay coloured weevil) 22. *Phellinus weirii* (Laminated root rot) 23. *Phytophthora cryptogea* (Tomato foot rot) 24. *Scolytus ventralis* (Fir engraver) 25. *Sirococcus conigenus* (Sirococcus blight of conifers) 26. *Leptographium procerum* (White pine root decline) (aa) *Phytophthora ramorum* [Sudden oak death (SOD)] (bb) *Rhizobium rhizogenes* (Gall) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 3. | *Abutilon hybridum* | Seeds for sowing | 1. Asia 2. Europe 3. USA | Nil | Free from quarantine weed seeds. |
| 4. | *Acacia* spp. (Wattles) | Seeds for sowing | Australia | Free from:   1. *Pantomorus cervinus* (rose beetle) 2. *Atelocauda digitata* 3. *Fusarium oxysporum* f. sp*. passiflorae* | Free from quarantine weed seeds. |
| 5. | *Acacia auriculiformis* | Seeds for sowing | Australia | Nil | Free from quarantine weed seeds. |
| 6. | *Acacia mangium* | Seeds for sowing | Australia | Nil | Free from quarantine weed seeds. |
| 7. | *Acer* spp. | Tissue cultured plants | Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. *Xylella fastidiosa* (Pierce's disease of grapevines) 2. Sowbane mosaic virus | Nil |

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| 8. | *Achillea* spp. | Seeds for sowing | Europe | Nil | Free from quarantine weed seeds. |
| 9. | *Achillea millefolium* | Dry flowers for  decoration | Thailand | Nil | Free from quarantine weed seeds. |
| 10. | *Aconitum hetrophyllum*  *(Atees)* | Dried roots for  consumption | Pakistan | Nil | Free from soil and other plant debris |
| 11. | *Aconitum napellus* | Dry plant material (All plant parts) for  medicinal purpose | China | Nil | Free from quarantine weed seeds. |
| 12. | *Actea* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 13. | *Actinida* spp. (Kiwi fruit ) | Budwoods/ plants for propagation | USA | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Epiphyas postvittana* (apple moth) 3. *Platynota stultana* (leaf roller) 4. *Armillaria mellea* (armillaria root rot) 5. *Calonectria crotalaria* 6. *Phaeoacremonium aleophilum* 7. *Phytophthora cryptogea* (foot rot) 8. *Pseudomonas viridiflava* 9. *Rhizobium rhizogenes* (bacterial gall) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month. |
| 14. | *Actinida arguta*  (Kiwi berrry) | Fresh fruits for consumption | New Zealand | Free from:   1. *Aspidiotus nerii (aucuba scale)* 2. *Paracoccus caraticus (mealy bug)* 3. *Pseudococcus calseolariae (Citrophilus mealybug)* 4. *Botryosphaeria dothidea (Dothierella rot)* 5. *Diaporthe actinidae* (Phomopsis rot) 6. *Diaporthe perniciosa (phomopsis canker)* 7. *Phytophthora cryptogea (Tomato foot rot).* | Nil |
| 15. | *Actinidia chinensis* and  *A. deliciosa*  (Kiwi) | (i) Fruits for consumption | (i) Italy | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Pseudomonas syringae pv. Actinidiae* (bacterial canker of kiwi fruit) 4. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) | 1. Pest-free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 3 ½ hrs at 210C or above or equivalent thereof or 3. Pre-shipment/ In-transit cold treatment at 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days plus in-transit refrigeration against Mediterranean fruit fly. |

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|  |  |  | (ii) Iran | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato | Nil |
| (iii) New Zealand | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Paracoccus cavaticus* (mealy bug) 3. *Pseudococcus calceolariae* (citrophilus mealy bug) 4. *Botryosphaeria dothidea* (Dothierella rot) 5. *Diaporthe actinidae* (Phomopsis rot) 6. *Diaporthe perniciosa* (Phomopsis canker) 7. *Phytophthora cryptogea* (tomato foot rot) | Nil |
| (iv) Chile | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Trialeurodes vaporariorum* (glasshouse whitefly) 3. *Brevipalpus chilensis* 4. *Pseudomonas syringae pv. actinidiae* (bacterial canker of Kiwi fruit) | Nil |
| (v) France | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceroplastes rusci* (fig wax scale) 3. *Lobesia botrana* (grape berry moth) 4. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 5. *Phytophthora cryptogea* (tomato foot rot) | Methyl bromide fumigation @ 32 g/m3 for 3 ½ hrs at 210C or above or equivalent thereof or pre-shipment cold treatment at 1.110C to 4.440C for 4 days or 5.00C to 8.330C for 6 days against grape berry moth. |
| (vi) Australia | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Helix aspersa* (common snail) 3. *Phaeoacremonium aleophilum*   (Petri disease)   1. *Phytophthora cryptogea* (tomato foot rot) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) | Nil |

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|  |  |  | (vii)Greece | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Botryosphaeria dothidea* (canker of almond) 3. *Ceratitis capitata* (Mediterranean fruit fly) 4. *Lobesia botrana* (grape berry moth) 5. *Phytophthora cryptogea* (tomato foot rot) 6. *Pseudomonas viridiflava* (bacterial leaf blight of tomato (USA)) | Pre-shipment coldtreatment at 00C or below for 13 days or above; 0.550C or below for 14days or above; 1.10C or below for 18 days or above plus in- transit refrigeration or Methyl bromide fumigation @ 32 g/m3 for 3 ½ hrs at 210C orabove or equivalent thereof.  The treatment should be endorsed on Phytosanitary Certificate issued at the countryof origin/re-export. |
|  |  | (ii) Plant for propagation | Thailand | Nil | 1. Post-entry quarantine growing for a period of 10-12 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (iii) Budwoods/ plants for propagation | USA | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Epiphyas postvittana* (apple moth) 3. *Platynota stultana* (leaf roller) 4. *Armillaria mellea* (armillaria root rot) 5. *Calonectria crotalaria* 6. *Phaeoacremonium aleophilum* 7. *Phytophthora cryptogea* (foot rot) 8. *Pseudomonas viridiflava* 9. *Rhizobium rhizogenes* (bacterial gall) | 1. Free from soil 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for a period of 6-9 month. |
| 16. | *Adiantum* spp. (Adiantum) | Plants for propagation | Asia | Nil | Post-entry quarantine growing for 45 days period. |
| 17. | *Adonis vernalis* | (i) Seeds for sowing | Germany | Nil | Free from quarantine weeds seeds |
| 18. | *Aeschynomene falcata/ Aeschynomene americana* (Joint vetch) | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 19. | *Agapanthus* spp. | (i) Plants for propagation | Netherlands | Nil | Post-entry quarantine growing for 45 days period. |
| (ii) Tissue cultured plants | 1. Italy 2. New Zealand 3. UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from nerine X potexvirus | Nil |

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|  |  |  | (iv) France | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tomato spotted wilt virus 2. Odontoglossum ring spot virus 3. Impatiens necrotic spot virus 4. Cacao yellow mosaic virus   (f) Arabis mosaic virus | Nil |
| (v) Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  tomato spotted wilt virus | Nil |
| (vi) Any country except Italy, New Zealand, UK, France, Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 20. | *Agastache spp.* | (i) Tissue culture plants | (i) Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from Nerine latent virus. | Nil |
| 1. Costa Rica 2. USA | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 21. | *Agave* spp. | Tissue cultured plants | (i) Finland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from cactus X virus. | Nil |
| (ii) Any country except Finland | Certified that the tissue cultured plants were obtained  from mother stock tested and maintained free from virus | Nil |
| 22. | *Agave sisalana*  (Sisal) | (i) Suckers/ Plants for propagation | USA | Free from   1. *Siphophorus acupunctatus* 2. Cactus virus X | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 month |
| (ii) Seeds for sowing | 1. Brazil 2. Mexico | Nil | Free from quarantine weed seeds. |
| 23. | *Ageratum* spp. | Seeds for sowing | 1. Australia 2. Europe | Nil | Free from quarantine weed seeds. |
| 24. | *Agropyron cristatum*  (Crested wheat grass) | Seeds for sowing | USA | Free from *Pseudomonas syringae* pv. *atropurpurea* | Free from quarantine weed seeds. |
| 25. | *Agrostis stolonifera*  (Creeping bentgrass) | Seeds for sowing | USA | Free from:   1. *Anguina agrostis* (bentgrass nematode) 2. *Monographella nivalis* (foot rot: cereals) 3. *Sclerotinia homoeocarpa* (dollar spot: grasses) | Free from quarantine weed seeds. |
| 26. | *Ajuga spp.* | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |

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| 27. | *Albizia lebbeck*  (Acacia) | Plants for propagation | (i) Asia | Nil | Post-entry quarantine growing for 45 days period. |
| (ii) USA | Free from *Pleiochaeta setosa* (lupin leaf spot) | Post-entry quarantine for a period of 45 days. |
| 28. | *Alcea* spp. (Hollyhock) | Seeds for sowing | 1. USA 2. Europe 3. Asia | Nil | Free from quarantine weed seeds. |
| 29. | *Alchemilla* spp.  (Lady‟s mantle) | Seeds for sowing | Europe | Nil | Free from quarantine weeds seeds. |
| 30. | *Allamanda* spp.  (Allamanda) | Plants for  propagation | Any Country | Nil | Post-entry quarantine growing for 45 days period. |
| 31. | *Allium* species (Onion, garlic, leek, shallot, etc.) | (i) Seeds/bulbs for sowing or planting | Any Country | Free from:   1. Smut (*Urocystis cepulae*) 2. Slippery skin (*Pseudomonas cepacia*) 3. Dry rot (*Embellisia allii*) 4. Marginal necrosis (*Pseudomonas arginalis* pv.   *marginalis*)   1. Pod and stem blight (*Phomopsis longicolla*) 2. Stem and bulbs nematode (*Ditylenchus dipsaci*) 3. Onion maggot (*Hylemia antiqua*) | Free from soil. |
| (ii) Bulbs for consumption | Any Country | Free from:   1. Smut (*Urocystis cepulae*) 2. Dry rot (*Embellisia allii*) 3. Stem and bulbs nematode (*Ditylenchus dipsaci*) 4. Onion maggot (*Hylemia antiqua*) | Fumigation with Methyl bromide at 16 g/m3 for 12 hrs. at 210C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| (iii) Tissue cultured plants | 1. Israel 2. USA 3. Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from Iris yellow spot virus | Nil |
| (iv) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from leek white stripe virus | Nil |
| 1. Argentina 2. Australia 3. New Zealand 4. Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from leek yellow stripe virus | Nil |

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|  |  |  | (ix) Any country except Israel, USA, Netherlands, Italy, Argentina, Australia,  New Zealand, Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 32. | *Allium schoenoprasum*  (Chive) | Seeds for sowing | France | Nil | Free from soil and quarantine weed  seeds. |
| 33. | *Alnus* spp. (Alder) | Wood with/without bark | (i) USA | Free from *Rosalia funebris* (Alder banded borer) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment duly approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| (ii) Europe | Nil | Fumigation with Methyl bromide  at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 34. | *Alocasia* spp. | Tissue cultured plants | 1. Cook Island, 2. Fiji, 3. Solomon   Islands,   1. Vanuatu 2. Western   Samoa | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from taro bacilliform virus | Nil |
| (vi) Any country except Cook Island, Fiji, Solomon Islands, Vanuatu and Western Samoa | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 35. | *Aloe vera* | (i) Plants for propagation | 1. USA 2. Europe | Nil | Post-entry quarantine growing for a period of 45 days. |

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|  |  | (ii) Tissue cultured plants | Any Country | Certified that the tissue cultured plants obtained from mother stock tested and maintained free fromviruses. | Nil |
| 36. | *Alpinia* spp. | Tissue cultured plants | (i) Taiwan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from alpinia mosaic virus. | Nil |
| (ii) Any country except Taiwan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 37. | *Alpinia galangal*  (Galanga) | Vegetable for  consumption | Thailand | Free from *Pseudococcus jackbeardsleyi* (Jack beardsley mealybug) | Nil |
| 38. | *Alpinia katsumadai* | Dried fruits for consumption | 1. China 2. South-Korea | Nil | Free from soil and other plant debris. |
| 39. | *Alstromeria* spp. | (i) Plants for propagation | The Netherlands | Free from:   1. Arabis mosaic virus (hop bare-bine) 2. Freesia mosaic virus 3. Tobacco rattle virus (spraing of potato) | Post-entry quarantine growing for a period of 45 days. |
| (ii) Tissue cultured plants | (i) Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus. | Nil |
| (ii) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Arabis mosaic virus 2. Tobacco rattle virus | Nil |
| (iii) Any country  except UK,  Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| (iv) The  Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Arabis mosaic virus (hop bare-bine) 2. Freesia mosaic virus 3. Tobacco rattle virus (spraing of potato) | Nil |
| 40. | *Alternanthera ocipus* | (i) Plants for propagation | Japan | Nil | 1. Free from soil and other plant debris. 2. Post-entry quarantine for a period of 60 days. |
| (ii) Tissue culture plants | Japan | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 41. | *Althaea* spp. | Seeds for sowing | Australia | Nil | Free from quarantine weeds seeds. |
| 42. | *Alyssum* spp. (Alyssum) | Seeds for sowing | 1. Asia 2. Europe 3. USA | Nil | Free from quarantine weed seeds. |

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| 43. | *Amaranthus* spp. | Seeds for sowing | Japan | Free from tobacco rattle virus (spraing of potato) | 1. Free from soil and quarantine weed seeds. 2. Crop inspection and certification for free from tobacco rattle virus. |
| 44. | *Amaranthus caudatus*  (Amaranthus) | Seeds for sowing | 1. Europe 2. USA 3. Australia | Free from Strawberry latent ring spot-Naphovirus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from strawberry latent ring spot virus. |
| (iv) Asia | Nil | Free from quarantine weed seeds. |
| 45. | *Amaryllis* spp. | Tissue cultured plants | (i) Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tomato spotted wilt virus 2. Narcissus mosaic virus 3. Hippeastrum mosaic virus | Nil |
| (ii) Thailand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from hippeastrum mosaic virus | Nil |
| (iii) Any country except Netherlands,  Thailand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (ii) Bulbs for propagation  purpose | Netherlands | Free from:   1. *Opogona sacchari* (Banana moth) 2. *Pectobacterium rhapontici* (rhapontici crown rot) | 1. Post-entry quarantine for one growth season. 2. Free from soil. |
| 46. | *Anacardium* spp*.* (Cashew) | Grafts/ budwoods/ plants for propagation | Brazil | Free from:   1. *Aleurodicus cocoas* (whitefly) 2. *Bemisia tabaci* (whitefly) 3. *Selenaspidus articulatus* (red scale) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month except for research. |
| 47. | *Ananas comosus*  (Pine apple) | (i) Plants (suckers) for propagation | (i) USA | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Hercinothrips femoralis* (banded greenhouse thrips) 3. *Opogona sacchari* (banana moth) 4. *Protaetia fusca* (mango flower beetle) 5. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 6. *Pyroderces rileyi* (corn, worm, pink) 7. *Thecla basilides* (fruit-borer ceterpillar) 8. *Unaspis citri (*citrus snow scale) | 1. Commercial imports permitted subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Post-entry quarantine growing for a period of 45 days. |

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|  |  |  | (ii) Europe | Free from: *Opogona sacchari* (banana moth) |  |
|  |  |  | (iii) Mexico | Free from:   1. *Aspidiotus nerii (*aucuba scale) 2. *Diaspis boisduvalii* (scale) 3. *Euetheola bidentata* 4. *Metamasius hemipterus* (cane weevil) 5. *Paracoccus marginatus* (mealybug) 6. *Phenacoccus madeirensis* 7. *Pseudococcus jackbeardsleyi* 8. *Rhizoecus americanus* 9. *Rhynchophorus palmarum* 10. *Thecla basilides* (fruit-borer) 11. *Tmolus echion* 12. *Unaspis citri* (citrus snow scale) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 3-4 month except for research. |
| (iv) Philippines | Free from:   1. *Exomala orientalis* (oriental beetle) 2. *Metamasius hemipterus* (cane weevil) 3. *Acetobacter aceti* 4. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 5. *Pseudomonas ananas* (leaf spot) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 3-4 month except for research. |
| (v) Thailand | Free from:   1. *Dysmicoccus neobrevipes* (pineapple mealybug) 2. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 3. *Pyrodersus rileyi* (pink worm) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 3-4 month except for research. |
| (vi) Sri Lanka | Free from:   1. *Hoplolaimus pararobustus* (lance nematode) 2. *Xiphinema ifacolum* (dagger nematode) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 3-4 month except for research |
| (ii) Tissue cultured  plants | Any Country | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from viruses. | Commercial impors permitted subject to prior approval of Department of Agriculture, Cooperation and Farmers  Welfare. |
| 48. | *Anarthria* spp. | Tissue cultured plants | Australia | Certified that the tissue culture plants were obtained  from mother stock tested and maintained free from any virus | Nil |
| 49. | *Anchusa* spp. | Seeds for sowing | Europe | Nil | Free from quarantine weeds seeds. |

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| 50. | *Anemone* spp. | (i) Seeds for sowing | Europe | Free from tobacco rattle virus (spraing of potato) | 1. Free from soil and quarantine weed seeds. 2. Crop inspection and certification for free from tobacco rattle virus. |
| (ii) Tissue cultured plants | (i) Israel | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus | Nil |
| 51. | *Anigozanthos* sp. | (i) Plants for propagation | 1. Australia, 2. Germany (iii)   TheNetherlan ds | Nil | Free from soil. |
| (ii) Tissue cultured plants | 1. Australia, 2. Germany 3. The   Netherlands   1. Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (iii) Plants/cutting for propagation | Italy | Nil | 1. Post-entry quarantine growing for a period of 10 months. 2. Free from soil. |
| 52. | *Annona* sp. (Sugarapple) | Grafts/ budwoods/ plants for propagation | (i) Sri Lanka | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entryquarantine growing for 6 month except for research |
| (ii) Mexico | Free from:   1. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 2. *Paracoccus marginatus* (papaya mealybug) |
| 53. | *Annona cherimola*  (Cherimoyer) | Grafts/ budwoods/ plants for  propagation | Australia | Free from *Aleurodicus destructor* (coconut whitefly) | 1. Free from soil. 2. Commercial imports subject   to prior approval of Department of Agriculture, Cooperation and Farmers Welfare   1. Post-entry quarantine growing for 6 month except for research |
| 54. | *Anogeissus leiocarpus* | Dry plant material for medicinal/  processing purpose | Costa Rica, Senegal, Burkano Faso | Nil | Free from quarantine weeds seeds and soil. |
| 55. | *Anethum graveolens* (Dill) | (i) Seeds for sowing | (i) Denmark | Nil | Nil |
| (ii) France | Free from *Pseudomonas viridiflava* (bacterial leaf blight of tomato | Free from quarantine weed seeds. |

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|  |  | (ii) Seeds for consumption | Egypt | Nil | Free from quarantine weed seeds. |
| (iii) Stalk (dried) for consumption | Any country | Nil | Free from quarantine weed seeds. |
| 56. | *Anthriscus* spp. | Seeds for sowing | (i) Denmark | Nil | Free from quarantine weed seeds. |
| (ii) France | Nil | Free from quarantine weed seeds and  soil contamination. |
| 57. | *Anthurium* spp. and other aroids (Anthurium, Dieffenbachia, Caladium, Syngonium, Aglaonema, Spathiphyllum, Monstera Phylodendron) | (i) Cuttings/ saplings for planting | Any Country | Free from Bacterial blight (*Xanthomonas axonopodis* pv.  *dieffenbachiae*) | Post-entry quarantine for a period of 45-60 days. |
| (ii) Cut flowers | Any Country | Free from Bacterial blight (*Xanthomonas axonopodis*  pv. *dieffenbachiae*) | Nil |
| (iii) Tissue cultured  plants | Any Country | Certified that the tissue cultured plants produced from stock tested and maintained virus-free. | Nil |
| (i) *Philodendron* spp. | Tissue cultured plants | (i) Egypt | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (ii) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from konjak mosaic virus | Nil |
| (iii) Denmark | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco necrosis virus | Nil |
| (iv) Czech Republic | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from impatiens necrotic spot tospovirus | Nil |
| (v) Any country except Czech Republic, Denmark, Japan,  Egypt | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (ii) *Spathiphyllum spp.* | Tissue cultured plants | (i) Slovenia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tomato spotted wilt virus 2. Impatiens necrotic spot virus | Nil |
| 1. Italy 2. Czech   Republic | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from impatiens necrotic spot virus | Nil |
| (iv) Any country except Italy, Czech Republic, Slovenia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |

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|  | (iii) *Syngonium* spp. | Tissue cultured plants | 1. USA 2. Europe | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Impatiens necrotic spot virus 2. Tomato spotted wilt virus | Nil |
| (iii) Any country except USA, Europe | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 58. | *Antidesma bunius*  (Bignay) | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a growing period of 6-9 months. |
| 59. | *Antirrhinum spp****.*** | Seeds for sowing | Japan | Nil | Free from quarantine weed seeds and  soil. |
| *Antirrhinum majus*  (Antirrhinum) | Seeds for sowing | (i) Australia | Free from:   1. *Colletotrichum antirrhini* (Anthracnose) 2. *Puccinia antirrhini* (Rust) | Free from quarantine weed seeds. |
| (ii) Europe (except UK) | Free from *Colletotrichum antirrhini* (Anthracnose) | Free from quarantine weed seeds. |
| (iii) Guatemala | Nil | Free from quarantine weed seeds. |
| (iv) U.K. | Free from:   1. *Heteropatella antirrhini* (Leaf spot) 2. *Phyllosticta antirrhini* (Stem root) 3. *Pseudomonas ananas* (Bacterial leaf spot). | Free from quarantine weed seeds. |
| (v) USA | Free from :   1. *Colletotrichum antirrhini* (Anthracnose) 2. *Heteropatella antirrhini* (Leaf spot) 3. *Phyllosticta antirrhini* (Stem root) 4. *Puccinia antirrhini* (Rust) | Free from quarantine weed seeds. |
| 60. | *Anubias barteri* | (i) Plants for propagation | Thailand | Nil | 1. Free from soil and other plant debris. 2. Post entry quarantine for a period of 60 days. |
| (ii) Tissue culture plants | Thailand | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any  virus. | Nil |
| 61. | *Aphelandra squarrosa* | Plants for propagation | USA | Free from *Phytonemus pallidus* (strawberry mite) | Post-entry quarantine growing for a period of 45 days. |

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| 62. | *Apium graveolens*  (Celery) | (i) Seeds for consumption | Any country | Nil | Free from soil and quarantine weed seeds |
| (ii) Seeds for sowing | (i) Denmark | Free from *Ditylenchus dipsaci* (stem and bulb nematode) | 1. Free from soil contamination 2. Seed crop inspection and certification for free from *Ditylenchus dipsaci* (stem and bulb nematode) by a competent authority at the country of origin |
| (ii) France | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 3. Arabis mosaic virus 4. Peanut stunt virus 5. Strawberry latent ringspot virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from Arabis mosaic virus, Peanut stunt virus and Strawberry latent ringspot virus |
| (iii) Italy | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Sclerotinia minor* (Sclerotinia disease of lettuce) 3. *Pseudomonas viridiflava* 4. Arabis mosaic virus 5. Celery latent virus 6. Celery mosaic virus 7. Chicory yellow mottle virus 8. Peanut stunt virus 9. Strawberry latent ringspot virus | 1. Free from soil contamination 2. Seed crop inspection and certification for free from (d) to (i) by a competent authority at the country of origin |
| (iv) Japan | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Pseudomonas viridiflava* 3. Arabis mosaic virus 4. Celery mosaic virus 5. Peanut stunt virus | 1. Free from soil contamination 2. Seed crop inspection and certification for free from (c) to (e) by a competent authority at the country of origin |
| (v) Korea DPR | Free from Peanut stunt virus | Seed crop inspection and certification for free from Peanut stunt virus by a competent authority at the country of origin |
| (vi) Korea ROK | Free from:   1. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 2. Peanut stunt virus | Seed crop inspection and certification for (b). |

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|  |  |  | (vii) Netherlands | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Pseudomonas viridiflava* 3. Arabis mosaic virus   (e) Celery latent virus  (e) Strawberry latent ringspot virus | 1. Free from soil contamination 2. Seed crop inspection and certification for free from (c) to   (e) by a competent authority at the country of origin |
| (viii) Thailand | Nil | Free from quarantine weed seeds. |
| (ix) USA | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Cercospora apii* (Cercospora blight) 3. *Fusarium oxysporum f.sp. apii* (basal rot) 4. *Sclerotinia minor* (Sclerotinia disease of lettuce) 5. *Pseudomonas viridiflava* 6. Arabis mosaic virus 7. Peanut stunt virus 8. Strawberry latent ringspot virus | 1. Free from soil contamination 2. Seed crop inspection and certification for free from (f) to (h) by a competent authority at the country of origin |
| 63. | *Aralia* spp. (Aralia) | Plants for propagation | Asia | Nil | Post-entry quarantine growing for 45 days period. |
| 64. | *Arabidopsis thaliana* | (i) Seeds for sowing/ Seedlings for  propagation | USA | Nil | Free from soil and quarantine weed seeds |
| 65. | *Araucaria* spp. (Christmas tree) | Seeds for sowing | 1. USA 2. South Africa | Nil | Free from quarantine weed seeds. |
| 66. | *Archonthophoenix* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Any country | Nil | 1. Free from soil 2. Post-entry quarantine growing for a period of 10-12 months |
| 67. | *Chimaphilla umbellata*  (Arctostaphylos) | Seeds for sowing | 1. Europe 2. USA 3. Canada | Nil | Free from quarantine weed seeds and soil contamination. |
| 68. | *Areca spp.* | (i) Seeds for sowing | Any country (Except Philippines and  Soloman Island) | Free from cadang-cadang viroid | Free from quarantine weeds seeds. |
| (ii) Plants for propagation | Any country (Except from Africa, America, Philippines, Caribbean,  and Soloman  Island countries) | Free from:   1. Coconut cadang -cadang viroid 2. Palm lethal yellowing phytoplasma 3. *Rhabdoscelus obscurus* (Sugarcane weevilborer) | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10-12 months. |

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| 69. | *Arenga spp.* | (i) Seeds for sowing | Any country (Except Philippines and  Soloman Island) | Free from cadang - cadang viroid | Free from quarantine weeds seeds. |
| (ii) Plants for propagation | Any country (Except Philippines and Soloman Island) | Free from:-   1. *Artona catoxantha* (coconut leaf moth) 2. Coconut cadang-cadang viroid 3. *Rhynchophorus vulneratus* (Asiatic palm weevil) 4. *Darna diducta* (nettle caterpillar) | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10-12 months. |
| 70. | *Armoracia rusticana*  (Nasturtium) | Seeds for sowing | USA | Nil | Free from quarantine weed seeds. |
| 71. | *Artemisia* spp. | Plants for propagation | Israel | Nil | Post-entry quarantine for a period of 45 days. |
| 72. | *Artemisia annua* | Seeds for sowing | 1. USA 2. Europe 3. Africa | Free from:   1. *Sclerotinia minor* (Sclerotinia disease) 2. Tobacco rattle virus (Spraing of potato) | 1. Freedom from quarantine weeds seeds. 2. Crop inspection and certification for freedom from tobacco rattle virus. |
| 73. | *Artemisia dracunculus* | Tissue culture plants | Canada | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 74. | *Artocarpus spp.* | (i) Plants forpropagation | Thailand | Free from *Coptotermes curvignathus* (rubber termite) | 1. Post-entry quarantine growing for a period of 10-12 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture,   Cooperation and farmers Welfare |
| 75. | *Arundo donax* | Tissue culture plants | (i) Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| (ii) Honduras | a. Certified that the tissue-cultured plants are  obtained from motherstock indexed or tested and maintained free from any virus. | Nil |
| b. Plant tissue or plantlet shall be kept under aseptic or sterile condition in flasks or other suitable  container on synthetic media. |  |
| 76. | *Asimina triloba*  (Paw paw) | (i) Rooted plants for propagation | USA | Free from *Orgyia leucostigma* (tussock moth) | 1. Free from soil. 2. Post-entry quarantine growing for a period of 2-3 months   except for research. |

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|  |  | (ii) Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subjectto prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a growing period of 6-9 months. |
| 77. | *Asparagus officinalis*  (Asparagus) | (i) Seeds for sowing | (i) Denmark | Free from:   1. Arabis mosaic virus 2. Asparagus virus-2 | 1. Free from soil contamination 2. Seed crop inspection and certification for free from (a) and (b) by a competent authority at the country of   origin |
| (ii) Japan | Free from:   1. *Phytophthora cryptogea* (foot rot) 2. Arabis mosaic virus 3. Asparagus virus-1 | 1. Free from soil contamination 2. Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin |
| 1. USA 2. Russia | Nil | Free from quarantine weed seeds. |
| 1. The Netherlands 2. France | Free from:   1. Arabis mosaic virus 2. Strawberry latent ring spot virus | 1. Free from quarantine weed seeds 2. Free from soil contamination 3. Seed crop inspection and certification for free from (a) and (b) by a competent authority at the country of   origin |
| 1. UK 2. Italy 3. Germany | Free from:   1. *Arabis mosaic* virus 2. Strawberry latentringspot virus 3. Asparagus virus 1 4. Asparagus virus 2 | 1. Free from quarantine weeds seeds 2. Free from soil contamination 3. Seed crop inspection and certification for free from (a), (b), (c) and (d) by a competent authority at the country of origin |
| (x) Spain | Free from:   1. Strawberry latentringspot virus 2. *Acremonium strictum* | 1. Free from quarantine weeds seeds 2. Free from soil contamination 3. Seed crop inspection and certification free from (a) by a   competent authority at the country of origin. |

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|  |  | (ii) Plants for propagation | (i) Asia (except Japan) | Nil | Post-entry quarantine for a period of 45 days. |
| (ii) Japan | Free from:   1. *Phytophthora cryptogea* (tomato foot rot) 2. *Rhizobium rhizogenes* (bacterial gall) 3. Arabis mosaic virus (hop bare-bine) 4. Asparagus virus 1 | Post-entry quarantine for aperiod of 45 days. |
| (iii) USA | Free from:   1. *Chrysodeixis includens* (Soybean looper) 2. *Frankliniella tritici* (Eastern flower thrips) 3. *Lygus lineolaris* (Tarnished plant bug) 4. *Peridroma saucia* (Pearly underwing moth) 5. *Spodoptera frugiperda* (Fall armyworm) 6. *Acremonium strictum* (Black bundle disease: maize) 7. *Cercospora asparagi* (leaf spot: *Asparagus*   spp.)   1. *Fusarium oxysporum f.sp. asparagi* (Foot rot:   *Asparagus* spp.)   1. *Fusarium proliferatum* 2. *Phytophthora cryptogea* (tomato foot rot) 3. *Pleospora herbarum* (leaf blight of onion) 4. *Pyrenochaeta terrestris* (Pink root of onion) 5. *Rhizobium rhizogenes* (Bacterial gall) 6. Asparagus virus 1 7. Asparagus virus 2 8. Strawberry latent ringspot virus | Post-entry quarantine for a period of 45 days. |
| (iii) Vegetables for consumption | (i) Thailand | Nil | Nil |
| (ii) Peru | Free from :   1. *Chrysodeixis includens* (Soybean looper) 2. *Peridroma saucia* (Pearly underwing moth) 3. *Spodoptera frugiperda* (Fall armyworm) | 1. Free from soil and other plant debris. 2. Fumigation with Methyl bromide @ 32 g/m3 for 2 hrs at 210C and above under NAP and the treatment to be   endorsed on Phytosanitary Certificate. |
| (iii) Sri Lanka | Free from :  (a) *Peridroma saucia* (Pearly underwing moth) |
| (iv) Bhutan | Free from :  Quarantine weed seeds, soil and plant debris | The commodity shall be washed with clean water before packing. The above condition shall be endorsed on Phytosanitary Certificate issued at the country  of origin/re-export. |
| 78. | *Asparagus racemosus*  (Satavari pili*)* | Roots for medicinal purpose | China | Nil | Free from quarantine weeds seeds and soil. |

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| 79. | *Astelia* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained  free from virus | Nil |
| 80. | *Astilbe* spp. | (i) Tissue cultured plants | (i) Finland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from strawberry ring spot virus | Nil |
| (ii) Any country except Finland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (ii) Seeds for sowing | Europe | Nil | Free from quarantine weeds seeds. |
| 81. | *Avena sativa*  (Oat) | (i) Grain (seed) for consumption | (i) Australia | Free from:   1. *Cryptolestes ferrugineus* (rusty grain beetle) 2. *Trogoderma variabile* (grain dermestid) 3. *Ditylenchus dipsaci* (brown ring disease of hyacinth) 4. *Ceratobasidium cereale* (sharp eye spot of cereals) 5. *Fusarium culmorum* (culm rot:cereals) 6. *Monographella nivalis* (foot rot: cereals) | 1. Fumigation with Methyl bromide at 80 g/m3 for 48 hrs at 210C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from soil and quarantine weed seeds. |
| (ii) Ukraine | Free from:   1. *Cephuspygmeus* (European wheat stem sawfly) 2. *Diuraphis noxia* (Russian wheat aphid) 3. *Eurygasterintegriceps* (sunn pest) 4. *Haplothripstritici* (wheat thrips) 5. *Ostrinia nubilalis* (European maize borer) 6. *Ditylenchus dipsaci* (stem and bulb nematode) 7. *Monographella nivalis* (foot rot of ereals) 8. *Pseudomonassyringae pv.atrofaciens* (basal: wheat glume rot) 9. Barley stripe mosaic virus (stripe mosaic of barley) 10. Wheat streak mosaic virus (wheat viruses 6 and 7) | 1. Fumigation with Methyl bromide at 80 g/m3 for 48 hrs at 210C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from soil and quarantine weed seeds. |

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|  |  |  | (iii) Canada | Free from:   1. *Ahasverus advena*(foreign grainbeetle) 2. *Cryptolestesferrugineus*(rusty grain beetle) 3. *Diuraphis noxia* (Russian wheat aphid) 4. *Limothripscerealium*(corn, thrips) 5. *Limothrips denticornis*(barley thrips) 6. *Ostrinia nubilalis* (Europeanmaize borer) 7. *Peridroma saucia* (*pearly underwing moth)* 8. *Trogoderma variabile* (grain dermestid) 9. *Tarsonemus granarius* (glossy grain mite) 10. *Ditylenchus dipsaci* (stem and bulb nematode) (k)*Ceratobasidium cereale* (sharp eyespot of cereals) 11. *Claviceps purpurea* (ergot) 12. *Monographella nivalis* (foot rot of cereals) 13. *Pseudomonassyringae pv.atrofaciens* (basal: wheat glume rot) 14. *Pseudomonassyringae pv. atropurpurea* 15. *Pseudomonassyringae pv. coronafaciens* 16. *Pseudomonassyringae pv.striafaciens* 17. Barley stripe mosaic virus(stripe mosaic of barley) 18. Oat blue dwarf marafivirus 19. Wheat streak mosaic virus (wheat viruses 6 and 7) 20. *Ambrosia psilostachya* (perennial ragweed) | 1. Fumigation with Methyl bromide at 80 g/m3 for 48 hrs at 210C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from soil and quarantine weed seeds. |
| (iv) UK | Free from:   1. *Ahasverusadvena* (foreign grain beetle) 2. *Cryptolestesferrugineus*(rusty grain beetle) 3. *Diuraphis noxia* (Russian wheat aphid) 4. *Limothripsdenticornis*(barley thrips) 5. *Ostrinia nubilalis* (European maize borer) 6. *Peridroma saucia* (pearly underwing moth) 7. *Trogoderma variabile* (grain dermestid) 8. *Ditylenchus dipsaci* (stem and bulb nematode) 9. *Ceratobasidium cereale* (sharp eyespot of cereals) 10. *Clavicepspurpurea* (ergot) 11. *Monographella nivalis* (foot rot of cereals) 12. *Pseudomonassyringae pv.atrofaciens* (basal: wheat glume rot) 13. *Pseudomonassyringae pv.coronafaciens* (halo blight) | 1. Fumigation with Methyl bromide at 80 g/m3 for 48 hrs at 210 C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from soil and quarantine weed seeds. |

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|  |  |  | (v) Chile | Free from:   1. *Limothrips cerealium*(corn, thrips) 2. *Listronotus bonariensis* (Argentine stem weevil) 3. *Peridroma saucia* (pearly underwing moth) 4. *Ditylenchus dipsaci* (stem and bulb nematode) 5. *Ceratobasidium cereale* (sharp eyespot of cereals) 6. *Claviceps purpurea* (ergot) 7. *Pseudomonas fuscovaginae* (sheath brown rot) 8. *Pseudomonas syringae pv. coronafaciens* (halo blight) 9. Barley stripe mosaic virus (stripe mosaic of barley) | 1. Fumigation with Methyl bromide at 80 g/m3 for 48 hrs at 210C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India.   The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.   1. Free from soil and quarantine weed seeds. |
| (ii) Seeds for sowing | (i) USA | Free from:   1. *Acarus siro* (flour mite) 2. *Ahasverus advena* (grain beetle) 3. *Cryptolestes ferrugineus* 4. *Trogoderma variabile* 5. *Ditylenchus dipsaci* 6. *Ceratobasidium cereale* 7. *Monographella nivalis* 8. *Phaeosphaeria avenaria* f.sp. *avenaria* (leaf spot of oats) 9. *Pseudomonas syringae* pv. *atrofaciens* (wheat glume rot) 10. *Pseudomonas syringae* pv*.atropurpurea* 11. *Pseudomonas syringae* pv. *coronafaciens* 12. *Pseudomonas syringae* pv*.striafacians* 13. *Barley stripe mosaic virus* 14. *High plains virus* 15. *Wheat streak mosaic virus* | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 2-3 month 4. Crop inspection and certification for freedom fromviruses |
| (ii) Italy | Free from   1. *Aploneura lentisci* 2. *Cryptolestes ferrugineus* 3. *Penthaleus major* (blue oat mite) 4. *Ditylenchus dipsaci* 5. *Ceratobasidium cereale* 6. *Monographella nivalis* 7. *Pseudomonas syringae* pv. *atrofaciens*   (basal:wheat)   1. *Wheat streak mosaic virus* | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 2-3 month 4. Crop inspection and certification for reedom from viruses |

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|  |  |  | (iii) Pakistan | Free from:   1. *Eurygaster integriceps* (sunn pest) 2. *Ditylenchus dipsaci* (stem and bulb nematode) 3. *Acremonium strictum* (acremonium wilt) 4. *Monographella nivalis* (foot rot of cereals) 5. *Xanthomonas translucens pv.translucens*   (bacterial leaf streak)   1. Barley stripe mosaic virus (stripe mosaic of barley) | 1. Free from quarantine weed seeds and soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a growing period of 2-3 month 4. Crop inspection and certification for freedom from (*Ditylenchus dipsaci* (stem and bulb nematode), *Xanthomonas translucens pv.translucens* (bacterial leaf streak) and Barley stripe mosaic virus   (stripe mosaic of barley) |
| (iv) Brazil | Free from:   1. *Ahasverus advena* (grain beetle) 2. *Listronotusbonariensis* (Argentine stem weevil) 3. *Ditylenchus dipsaci* 4. *Clavicepspurpurea* (ergot) 5. *Pseudomonasfuscovaginae* (sheath brown rot) 6. *High plains virus* 7. *Barley stripe mosaic virus* 8. *Anthemis cotula* (dog fennal) 9. *Galium aparine* (Cleavers) 10. *Lolium multiflorum* (Italian ryegrass) 11. *Polygonum lapathifolium* (pale persicaria) 12. *Raphanus raphanistrum* (wild radish) 13. *Veronica persica (*creeping soeedwell) | 1. Free from quarantine weed seeds and soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine for a growing period of 2-3 months. 4. Crop inspection and certification for freedom from *Ditylenchus dipsaci* (stem and bulb nematode) and Barley stripe mosaic virus (stripe   mosaic of barley). |
| 82. | *Bambusa* spp*.* (Bamboo) | (i) Seeds for sowing | (i) China | Nil | Free from quarantine weed seeds. |
| (ii) Thailand | Free from:   1. *Beltrania* sp. 2. *Cladosporium geniculata* 3. *Graphium* sp. 4. *Nodulisporium* sp. 5. *Rhizopus* sp. | Free from quarantine weed seeds. |
| (ii) Stem-cuttings for propagation | (i) Philippines | Free from :   1. *Bostrychopsis parallela* 2. *Chlorophorus annularis* 3. Bamboo mosaic virus | Post-entry quarantine for a period of 6 months. |
| (ii) USA | Free from:   1. *Opogona sacchari* (banana moth) 2. *Hoplolaimus galeatus* 3. Bamboo mosaic virus | Post-entry quarantine for a period of 6 months. |

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|  |  |  | (iii) Europe | Free from:  *Opogona sacchari* (banana moth) | Post-entry quarantine for a period  of 6 months. |
| (iii) Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained  from mother stock tested and maintained free from viruses. | Nil |
| 83. | *Bambusa bambos* | Wood with/without bark | Indonesia | Nil | Fumigation with Methyl bromide at  48 g/m3 for 24 hrs. at 210C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 84. | *Basella* spp.  (Malabar spinach) | Seeds for sowing | Japan | Nil | Free from quarantine weed seeds. |
| 85. | *Baumea* spp. | Tissue culture plants | Australia | Certified that the tissue culture plants were obtainedfrommother stock tested and maintained free from any virus | Nil |
| 86. | *Begonia* spp. (Begonia) | (i) Seeds for sowing | 1. Europe 2. Japan (iii)North America | Free from *Ditylenchus dipsaci* (Brown ring disease of hyacinth) | Free from quarantine weed seeds. |
| (iv) Guatemala | Free from *Pseudococcus jackbeardsleyi* (Jack  jackbeardsley mealy bug) | Free from quarantine weed seeds  and soil. |
| 1. UK 2. Italy 3. Germany | Free from:-   1. Arabic moaic virus 2. Strawberry latent ringspot virus 3. Asparagus virus 1 4. Asparagus virus 2 | 1. Free from quarantine weed seeds. 2. Free from soil contamination. 3. Seed crop inspection and certification for free from (a), (b),   (c) and (d) by a competent  authority at the country of origin. |
| (viii) Spain | Free from:-   1. Strawberry latent ringspot virus 2. *Acremonium strictum* | 1. Free from quarantine weed seeds. 2. Free from soil contamination. 3. Seed crop inspection and certification for free from (a) by a competent authority at the   country of origin. |
| (ix)Australia | Free from *Ditylenchus dipsaci* (brown ring disease of  hyacinth) | Freedom from quarantine weeds  seeds. |
| (ii) Tissue culture Plants | 1. Australia 2. Coasta Rica | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from  any virus. | Nil |

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| 87. | *Bellis* spp. (Bellis) | Seeds for sowing | 1. Europe 2. Canada 3. Japan 4. South Africa 5. Australia 6. New Zealand | Free from Arabis mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for Free from arabis mosaic virus. |
| 1. Asia 2. USA | Nil | Free from quarantine weed seeds. |
| 88. | *Benincasa hispida*  (Wax Gourd) | Seeds for sowing | 1. Vietnam 2. Japan 3. Thailand 4. Philippines 5. Hongkong | Nil | Free from quarantine weed seeds. |
| 89. | *Berberis vulgaris*  (Zarishak) | Dried berries for consumption | Greece | Free from:   1. *Lobesia botrana* (grape berry moth) 2. *Gnomonia comari* (leaf blotch) | Fumigation with Methyl bromide at 32 g/m3 for 24 hrs. at 210C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at  the Country of Origin/re-export. |
| 90. | *Bertholletia excels*  (Brazil nut) | Grafts/ budwoods/ plants for propagation | Brazil | Free from *Hypothenemus obscurus* (tropical nut borer) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for   research |
| 91. | *Beta vulgaris*  (Beet Root) | Seeds for sowing | Any Country | Free from:   1. Downy mildew (*Peronospora farinosa*) 2. Silvering disease (*Curtobacterium flaccumfaciens* pv. *betae*) 3. Bacterial blight (*Pseudomonas syringae* pv.   *aptata*)   1. Beetroot cyst nematode (*Heterodera schachtti*) 2. Beetroot rust (*Uromyces* spp.) 3. Beetroot yellows necrotic virus (rhizomania). | Free from soil. |

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| 92. | *Betula* spp. (Birch) | Wood with/without bark | 1. Europe 2. NorthAmerica | Free from *Agrilus anxius* (Bronge-birch borer) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on  Phytosanitary Certificate issued at the country of origin/re-export. |
| *Betula platyphylla*  (Brich wood dowels) | Wood with/without bark | (iii) China | Free from:   1. *Anoplophora chinensis* (Black and white citrus longhorn) 2. *Monochamus sutor* (Brown crumbly rot) 3. *Anoplophora glabripennis* (Asian longhorned beetle) | Fumigation with Methyl bromide at 48g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed  on phytosanitary Certificate issued at the country of origin/re-export. |
| 93. | *Betula alba/ Betula pubescense*  (Common white birch) | Leaves (dried) for  processing | Poland | Free from:   1. *Coleophora serratella* (birch casebearer) 2. *Orgyia antiqua* (European tussock moth) 3. *Saturnia pavonia* (small emperor moth) 4. *Scolytus intricatus* (European oak bark beetle) | Fumigation with Methyl bromide at 32 g/m3 at 210C and above or equivalent thereof under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance approved by the Plant Protection Adviser. |
| 94. | *Blighia sapida*  (Akee) | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine for a growing period of 6-9 months. |
| 95. | *Bidens* spp. (Coreopsis) | Seeds for sowing | 1. Australia 2. Europe 3. USA | Nil | Free from quarantine weeds seeds. |
| 96. | *Bixa orellana*  (Annatto) | Seeds for consumption/ processing | 1. Peru 2. Spain | Free from *Moniliophthora perniciosa* (witches‟ broom disease of cacao) | Free from quarantine weed seeds, soil and other plant debris. |
| 1. Ghana 2. Ivory Coast | Nil | Free from quarantine weed seeds, soil and other plant debris. |
| 97. | *Boehmeria nivea*  (Ramie) | Seeds for sowing | 1. Indonesia 2. Japan 3. Malaysia 4. Taiwan 5. USA 6. China | Nil | Free from quarantine weed seeds. |
| 98. | *Borago officinalis* | Seeds for sowing | Denmark | Nil | Free from quarantine weed seeds |

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|  | (Borago) |  |  |  | and soil contamination. |
| 99. | *Boronia spp.* | Plants/ cuttings for propagation | USA | Free from *Rhizobium rhizogenes* (gall) | 1. Post-entry quarantine for a period of 6 months 2. Free from soil. |
| 100. | *Boronia crenulata* | Tissue culture plants | Australia | Certified that the tissue culture plants were obtained  frommother stock tested and maintained free from any virus. | Nil |
| 101. | *Bougainvillea* spp.  (Bougainvillea) | Plants for  propagation | Any Country | Nil | Post-entry quarantine for a period of 45 days. |
| 102. | *Bouvardia* spp. | Plants for propagation | Europe | Nil | Post-entry quarantine for a period of 45 days. |
| 103. | *Brachiaria* spp. (Signalgrass*)* | Germplam material for research only | 1. Australia 2. Brazil 3. Zimbabwe | Nil | Free from quarantine weed seeds. |
| 104. | *Brassica* spp. (Mustard, Rape/canola, Cabbage, Cauliflower,  Kohlrabi, Brussels sprouts, Broccoli, Knol Khol, Chinese Cabbage and other Cole crops) | (i) Seeds for sowing | (i) Any country except Denmark, Chile and Italy | Free from:   1. *Leptosphaeria maculans* (black leg) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 3. *Pseudomonas syringae pv. maculicola* (bacterial bleaf spot) 4. *Xanthomonas campestris pv. campestris* (black rot) | 1. Free from quarantine weed seeds. 2. Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture. |
| 1. Denmark 2. Chile | Nil |
| (iv) Italy | Free from:   1. *Leptosphaeria maculans* (black leg) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 3. *Xanthomonas campestris pv. campestris* (black rot) |
| (ii) Seeds for  consumption | Any Country | Nil | 1. (a) Weed free crop/ area certification or    1. Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or    2. Devitalization of seed by heat treatment at 1200C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to theGovernment of India 2. Management of handling, transportation, milling, and processing of import consignment   and manner of disposal of refuse |

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|  |  |  |  |  | as per the guidelines prescribed by the Plant Protection Advisor to the Government of India |
| (iii) Fresh vegetable for consumption | Nepal | Free from:  *Pseudomonas viridiflava* (bacterial leaf blight of tomato (USA)) | Free from soil and other plant debris. |
| 105. | *Brassica carinata* (African cabbage) / *Brassica rapa* var.  *amplexicaulis / B. pekinensis* | Seeds for sowing | USA | Free from:   1. *Colletotrichum higginsianum* 2. *Pseudomonas syringae* pv. *maculicola* (cabbage leaf spot) 3. *Pseudomonas viridiflava* 4. *Xanthomonas campestris* pv. *raphani* (leafspot) | Free from quarantine weed seeds. |
| 106. | *Brassica rapa* sub sp. *rapa*  (Turnip) | Seeds for sowing | 1. Denmark 2. Italy 3. Japan 4. Netherlands 5. USA | Free from *Ditylenchus dipsaci* (stem and bulb nematode) | Free from quarantine weed seeds. |
| (vi) France | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Leptosphaeria maculans* (black leg) 3. *Xanthomonas campestris pv. campestris* (black rot) | Free from quarantine weed seeds. |
| 107. | *Bromeliad* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 108. | *Butia* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Any country | Nil | 1. Free from soil 2. Post-entry quarantine growing for a period of 10-12 months. |
| 109. | *Butia capitata* | (i)Plants for propagation | Australia, USA, Thailand | Nil | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department   of Agriculture, Cooperation and Farmers Welfare |
| 110. | *Butyrospermum paradoxum*  (Sheanut) | Nuts for processing or industrial use | Any Country | Free from:   1. *Ephestia elutella* (Chocolate moth) 2. *Ephestia kuehniella* (Mediterranean flour moth) 3. *Hypothenemus obscurus* (Tropical nut borer) 4. *Phytophthora megakarya* (Black pod of cocoa) 5. *Phytophthora katsurae* (Chestnut downy mildew) | Fumigation by Methyl bromide at  32 g/m3 for 24 hrs at 210C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary  Certificate issued at the country of |

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|  |  |  |  |  | origin or re-export. |
| 111. | *Buxus sempervirens*  (Boxwood) | Wood with and without bark | 1. Turkey 2. Spain 3. France 4. Germany | Nil | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate  issued at the country of origin/re- export. |
| 112. | Cacti | Plants for propagation | Any Country | Free from:   1. Cactus cyst nematode (*Cactodera cactii*) 2. Cactus virus X and 2 (Carlavirus) | 1. The plants shall be grown in post-entry quarantine facility for a period of 45-60 days. 2. Free from soil. |
| 113. | *Caesalpinia gilliesii*  (Birds of paradise) | Seeds for sowing | USA | Nil | Free from quarantine weed seeds. |
| 114. | *Cajanus cajan*  (Pigeon pea) | Grain (seed) for consumption | (i) Australia | Free from *Richardia brasiliensis* | (i) Free from soil contamination. (ii)Fumigation by Methyl bromide  at 32 g/m3 for 24 hrs at 210C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export. |
| (ii) Mozambique | Free from:   1. *Clavigralla elongate* (African Pod bug) 2. *Ditylenchus africanus* (Pea nut pod nematode) 3. *Hoploaimus pararobustus* (Lance nematode) 4. *Meloidogyne ethiopica* 5. *Meloidogyne decalineata* (African Coffee root- knot nematode) 6. *Alectra vogelii* (Yellow witch weed) 7. *Chrysanthemoides monilifera* (Boneseed) 8. *Digitaria velutina* (Velvet finger grass) 9. *Orobanche minor* (Common broomrape) 10. *Oryza longistaminata* (Perennial wild rice) 11. *Raphanus raphanistrum* (Wild raddish) 12. *Richardia brasiliensis* (White eye Australia) 13. *Senecio inaequidens* (African ragwort) 14. *Senecio madagascariensis* (firewood) |
| (iii) Myanmar | Free from:   1. *Cardiospermum halicacabum* (Balo onvine) 2. *Physalis angulata* (Cutleaf groundcherry) 3. *Pueraria Montana var.Montana* (Rhodesian kudzu-vine) 4. *Richardia brasiliensis* (White eye Australia) |
| (iv) Nepal | Free from:   1. *Lolium multiforum* (Italian rye grass). 2. *Polygonum persicaria* (red shank) 3. *Veronica persica* (Creeping speedwell) |

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|  |  |  | (v) China | Free from *Heterodera glycines* (Cyst nematode) |  |
| (vi) Iran | Free from *Apomyelois ceratoniae* (carob moth) |
| (vii) Kenya | Free from:   1. *Clavigralla elongate*(African Pod bug) 2. *Melanagromyza chalcosoma* (pod fly) 3. *Ditylenchus dipsaci*(stem and bulb nematode) 4. *Hoploaimus pararobustus* (Lance nematode) 5. *Pratylenchus goodeyi* (Banana Lesion nematode) 6. *Alectra vogelii* (Yellow witch weed) 7. *Digitaria velutina* (velvet finger grass) (h)*Cirsium vulgare* (Spear thistle) 8. *Conyza sumatrensis* (Tall fleabane) 9. *Lolium multiforum* (Italian rye grass). 10. *Lonicera japonica* (Japanese honeysuckle) 11. *Orobanche minor* (Common broomrape) 12. *Oryza longistaminata* (perennial wild rice) 13. *Pennisetum macrourum* (African feather grass) 14. *Polygonum persicaria* (red shank) 15. *Raphanus raphanistrum* (Wild raddish) 16. *Richardia brasiliensis* (White-eye Australia) 17. *Senecio madagascariensis* (firewood). |
| (viii) Pakistan | Nil |
| (ix) Tanzania | Free from   1. *Clavigralla elongate*(African Pod bug) 2. *Hoploaimus pararobustus* (Lance nematode) 3. *Meloidogyne decalineata* (African Coffee root-knot nematode) 4. *Meloidogyne Ethiopia* 5. *Pratylenchus goodeyi* (Banana Lesion nematode) 6. *Alectra vogelii* (Yellow witch weed) 7. *Digitaria velutina* (velvet finger grass) 8. *Orobanche minor* (Common broomrape) 9. *Oryza longistaminata* (perennial wild rice) 10. *Pennisetum macrourum* (African feather grass) 11. *Striga aspera* (Witch weed) |

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|  |  |  | (x) Malawi | Free from   1. *Clavigralla elongate* (African Pod bug) 2. *Ditylenchus destructor* (Peanut pod nematode) 3. *Hoploaimus pararobustus* (Lance nematode) 4. *Meloidogyne acronea* (African cotton root nematode) 5. *Alectra vogelii* (Yellow witch weed) 6. *Digitaria velutina* (velvet finger grass) 7. *Orobanche minor* (Common broomrape) 8. *Oryza longistaminata* (perennial wild rice) 9. *Pennisetum macrourum* (African feather grass) 10. *Richardia brasiliensis* (White-eye Australia) 11. *Striga aspera* (Witch weed) |  |
| (xi) Uganda | Free from   1. *Clavigralla elongate*(African Pod bug) 2. *Hoploaimus pararobustus* (Lance nematode) 3. *Pratylenchus goodeyi* (Banana Lesion nematode) 4. *Alectra vogelii* (Yellow witch weed) 5. *Centrodema pubescens* (Centro) 6. *Conyza sumatrensis* (tall fleabane) 7. *Digitaria velutina* (velvet finger grass) 8. *Orobanche minor* (Common broomrape) 9. *Pennisetum macrourum* (African feather grass) 10. *Polygonum persicana* (red shank) 11. *Melanagromyza chalcosoma* (bean pod fly) |
| (xii) Sudan | Free from:  *Clavigralla tomentosicollis* (African pod bug) | 1. Free from quarantine weed seeds and soil contamination. 2. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs at 210C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary   certificate issued at the Country of origin/re-export |
| (xiii) Benin | Free from:   1. *Bruchidius atrolineatus* 2. *Clavigralla tomentosicollis* (African pod bug) 3. Quarantine weed seeds 4. Soil contamination | Fumigation with Methyl bromide at 32 g/m3 for 24 hrs at 210C and above under NAP or equivalent.  The treatment should be endorsed on Phytosanitary Certificate issued at the Country of origin/re-export |

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|  |  |  | (xiv) Nigeria | Free from:   1. *Bruchidius atrolineatus* 2. *Clavigralla shadabi* (Pod bug) 3. *Clavigralla tomentosicollis* (African pod bug) 4. *Diaporthe phaseolorum var. Meridionalis* (Soyabean stem canker) 5. Quarantine weed seeds 6. Soil contamination |  |
| Seeds for sowing | Kenya | Free from:   1. *Clavigralla elongata* 2. *Clavigralla tomentosicollis* 3. *Specularius erythraeus* 4. *Specularis sulcaticollis* 5. *Mycovellosiella cajani* and its var. *Trichophila* 6. *Sunn-hemp mosaic virus* 7. *Richardia brasiliensis* (white-eye disease) | 1. Seed crop inspection and certification for free from (g) by a competent authority at the country of origin post- entry quarantine growing for a period of 2-3 months. 2. Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
| 115. | *Calamus* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Any country | Nil | 1. Free from soil 2. Post-entry quarantine growing for a period of 10-12 months |
| 116. | *Calathea* spp. | (i) Tissue cultured plants | 1. USA 2. Any country except USA | Certified that the tissue cultured plants were obtained  from mother stock tested and maintained free from virus | Nil |
| Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (iii) The Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (ii) Plants for propagation | (i) Asia | Nil | Post-entry quarantine growing for 45 days period. |
| (ii) USA | Free from *Phytophthora cryptogea* (Tomato foot rot) | Post-entry quarantine growing for  45 days. |
| (iii) The Netherlands | Free from *Phytophthora cryptogea* (tomato foot rot) | Free from soil. |
| 117. | *Calceolaria* spp. (Calceolaria) | Seeds for sowing | 1. Europe 2. USA 3. Japan 4. Australia | Nil | Free from quarantine weed seeds. |

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| 118. | *Calendula* spp. (Calendula) | Seeds for sowing | 1. USA 2. UK 3. Japan 4. Australia | Free from *Pseudomonas viridiflava* (Bacterial leaf blight of tomato) | Free from quarantine weed seeds. |
| 1. France 2. Germany 3. Netherlands 4. Denmark | Nil | Free from quarantine weed seeds. |
| 119. | *Callibrochoa* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 120. | *Callistemon* spp. (Bottle brush) | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants/ cuttings  for propagation | Any Country | Nil | Post-entry quarantine growing for 45 days period. |
| 121. | *Callistephus chinensis*  (Aster) | Seeds for sowing | (i) China | Free from Chrysanthemum mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from chrysanthemum mosaic virus. |
| (ii) France UK  Netherlands Japan  Thailand | Nil | Free from quarantine weed seeds. |
| (iii) Afghanistan | Nil | Free from soil and other plant  debris. |
| (iv) Germany | Free from:   1. *Aphelenchoides ritzemabosi* (Leaf bud nematode) 2. *Aphelenchoides blastophorus* (Leaf bud nematode) 3. *Spaceloma violae* (Scab) 4. *Urocystis violae* (Smut) | Free from quarantine weed seeds. |
| (v) USA | Free from:   1. *Fusarium oxysporum f. sp. callistephi* (Wilt) 2. *Septoria callistephi* (Leaf spot) 3. *Stemphylium callistephi* (Leaf spot) | Free from quarantine weed seeds. |
| 122. | *Calopogonium mucunoides*  (Calopo) | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 123. | *Campanula* spp | Tissue cultured plants | USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |

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| 124. | *Canna* spp. | Tissue cultured plants | (i) Iran | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus. | Nil |
| (ii) Columbia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  banana streak badna virus. | Nil |
| (iii) Any country except Iran and  Columbia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 125. | *Capparis spinosa*  (Caper) | Plants/ saplings for propagation | Argentina | Nil | Nil |
| 126. | *Capsicum* spp. (Pepper/ Chillies) | Seeds for sowing | Any Country | Free from:   1. Bacterial scab (*Xanthomonas vesicatoria*) 2. Pepper viruses viz. mild mosaic and mild mottle 3. *Peronospora hyoscyami* sp. *tabacina* 4. Tomato ringspot virus 5. Tomato black ring virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from Pepper viruses viz. mild mosaic and mild mottle,   Tomato ringspot virus and Tomato black ring virus |
| 127. | *Carduus spp*.  (Musk Root) | Dried root for  medicinal use | Any country | Nil | Free from quarantine weeds seeds |
| 128. | *Carex* spp. | Tissue cultured plants | (i) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pluumala virus. | Nil |
| (ii) Any country except Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 129. | *Carica papaya* | Seeds for sowing | 1. Taiwan 2. Thailand | Nil | 1. Free from quarantine weed seeds. 2. Imports permitted subject to prior approval of Department of Agriculture, Cooperation   and Farmers Welfare. |
| (iii) USA | Nil | Imports permitted subject to prior approval of Department of  Agriculture, Cooperation and Farmers Welfare. |

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| 130. | *Carissa carandas*  (Karonda) | 1. Seeds for sowing 2. Grafts/   budwoods/ plants for propagation | Indonesia, Malaysia, Mauritius, New Zealand, Philippines, Sri Lanka, Thailand, USA | Nil | 1. Free from soil 2. Post-entry quarantine growing for 6-9 month except for research. |
| 131. | *Carthamus tinctorius/ Carthamus* spp. (Safflower and its wild species) | Seeds for sowing | 1. Morocco 2. Turkey 3. Italy | Free from *Pseudomonas viridiflava* (bacterial leaf blight of tomato) | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (iv) USA | Free from:   1. *Pseudomonas syringae* pv. *tagetis* 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) |
| 1. Nepal 2. Yugoslavia 3. Serbia   (Montenegro) | Free from:   1. *Phytophthora cryptogea* (tomato foot rot) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) |
| 132. | *Carthamus tinctorius*  (Safflower) | (i) Seeds for sowing | (i) Germany | Free from *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA)) | 1. Imports permitted subject to prior approval of Department of Agriculture and Cooperation. 2. Free from soil and quarantine weed seeds. |
| 1. Czech   Republic   1. Iran, 2. Slovakia | Free from *Pseudomonas viridiflava* (bacterial leaf blight of tomato) | 1. Freedom from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture,   Cooperation and Farmers Welfare. |
| (ii) Grains (seeds) for consumption | 1. Australia 2. Mexico 3. Argentina | Nil | (i) (a) Weed free crop/area certification or  (b) Zero dockage certification |

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|  |  | Grain (seeds) for consumption/ processing | Russia | Free from *Thlaspi arvense* | in respectof quarantine weed seeds in the Phytosanitary Certificate or  (c) Devitalisation of seed by heat treatment at 1200C for  15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India and  (ii) Management of handling, transportation, milling and processing of import consignment and manner of disposal of refuse as per the guidelines prescribed by the  Plant Protection Adviser to the Government of India |
| (iii) Dried flowers for consumption | Iran | Free from:   1. *Phytophthora cryptogea* (tomato foot rot) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato (USA))   (c ) *Thlaspi arvense* (field pennycress) | 1. Free from quarantine weed seeds. 2. Free from soil and other plant debris. 3. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export |
| 133. | *Carum carvi* (Caraway) | Seeds for sowing | Netherlands | Nil | Free from quarantine weed seeds. |
| 134. | *Carya illinoensi*  (Pecan nut) | (i) Nuts/ Seeds for sowing | USA | Free from:   1. *Acrobasis nuxvorella* 2. *Curculio caryae* (pecan weevil) 3. *Cydia caryana* (hickory worm) 4. *Cladosporium caryigenum* 5. *Cristulariella moricola* 6. *Rhizobium rhizogenes* (gall) | 1. Free from soil and quarantine weed seeds 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |

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|  |  | (ii) Cuttings for propagation | USA | Free from:   1. *Acrobasis nuxvorella* (pecan nut borer) 2. *Anoplophora chinensis* 3. *Chromaphis juglandicola* (walnut aphid) 4. *Hyphantria cunea* (mulberry moth) 5. *Malacosoma americanum* 6. *Melanaspis obscura* 7. *Melanocallis caryaefoliae* (hickory leaf aphid) 8. *Monellia caryella* (hickory aphid) 9. *Monelliopsis nigropunctata* 10. *Monelliopsis pecanis* 11. *Orgyia leucostigma*(tussock moth) 12. *Phylloxera devastatrix* (pecan phylloxera) (m)*Solenopsis interrupta*(red fire ant) 13. Spodoptera frugiperda 14. *Eotetranychus hicoriae* (pecan mite) 15. *Cladosporium caryigenum* 16. *Cristulariella moricola* 17. *Phymatotrichopsis omnivore* 18. *Rhizobium rhizogenes* (gall) | 1. Free from soil. and quarantine weed seeds 2. Post-entry quarantine growing for a period of 6-9 months. 3. Commercial imports subjectto prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (iii) Shelled nuts (seeds) for consumption | USA | Free from *Curculio caryae* (pecan weevil) | 1. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs. at 210C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from soil and quarantine   weed seeds. |
| 135. | *Cassia* spp. (Senna) | Seeds for sowing | (i) Egypt | Free from:   1. *Acanthoscelides centromaculatus* 2. *Caryedon pallidus* 3. *Mimosestis mimosae* 4. *Pseudopachymerina spinipes* | Free from quarantine weed seeds. |
| (ii) Sudan | Free from:   1. *Caryedon pallidus* 2. *Caryedon sudanensis* | Free from quarantine weed seeds. |

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| 136. | *Casuarina* spp. | Seeds for sowing | Australia | Nil | Free from quarantine weed seeds. |
| 137. | *Catharanthus roseus*  (Vinca) | Seeds for sowing | (i) Australia | Nil | Free from quarantine weed seeds. |
| (ii) Guatemala | Nil | Free from quarantine weed seeds  and soil. |
| 138. | *Ceanothus americana* | Seeds for sowing | 1. Europe 2. USA 3. Canada | Nil | Free from quarantine weed seeds and soil contamination. |
| 139. | *Celosia* spp. (Cock's comb) | Seeds for sowing | 1. Taiwan 2. Netherlands 3. France 4. USA 5. Australia | Nil | Free from quarantine weed seeds. |
| 1. Japan 2. UK 3. Denmark 4. Germany | Free from *Phytophthora cryptogea* (tomato foot rot) | Free from quarantine weed seeds. |
| 140. | *Cenchrus ciliaris*  (Buffelgrass) | Germplasm material for research only | 1. Australia 2. USA | Free from *Systasis cenchrivora* (seed chalcid) | Free from quarantine weed seeds. |
| (iii) Kenya | Nil | Free from quarantine weed seeds. |
| 141. | *Centrosema* spp*./ Chloris*  *gayana* (Rhodes grass) | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 142. | *Centurea cyanus*  (Corn flower) | Seeds for sowing | 1. Europe 2. China 3. USA 4. South Africa 5. Canada 6. Argentina (vii)Australia | Free from *Sclerotinia minor* (Sclerotinia rot) | Free from quarantine weed seeds. |
| 143. | *Ceratozamia spp./ Macrozamia spp.* (Cycad) | Seeds for sowing | Any country | Nil | Free from quarantine weeds seeds |
| 144. | *Cereus peruvianus*  (Apple cactus) | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Post-entry quarantine for a growing period of 3-4 months. |
| 145. | *Chaetanthus* spp. | Tissue culture plants | Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus | Nil |

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| 146. | *Chamaecyparis nootkatensis* | (i) Timber logs with/ without bark for consumption | (i) Canada | Free from:   1. *Bursaphelenchus xylophilus* (pine wilt nematode) 2. *Seiridium cardinale* (cypress canker) | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India  The treatment should be endorsed on Phytosanitary Certificate issued at the Country of  Origin/re-export. |
| 147. | *Chamaerops* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Any country | Nil | 1. Free from soil 2. Post-entry quarantine growing for a period of 10-12 months |
| 148. | *Chata edulis*  *(Mira leaves)* | Leaves for  consumption | Ethiopia | Nil | Free from soil. |
| 149. | *Chelidonium majus* | (i) Seeds for sowing | Germany | Nil | Free from quarantine weed seeds |
| 150. | *Chelone glabra* | Seeds for sowing | (i)Europe (ii)USA  (iii)Canada | Nil | Free from quarantine weed seeds and soil contamination. |
| 151. | *Chenopodium quinoa*  (Quinoa) | Grain/Seeds for consumption/ processing | (i) Peru | Nil | Free from quarantine weed seeds,  soil and other plant debris. |
| (ii) Colombia | Nil | Free from quarantine weed seeds, soil and other plant debris. |
| (iii) Ecuador | Free from:   1. Quarantine weed seeds as listed under Schedule-   VIII of PQ Order, 2003   1. Soil and other plant debris. | Nil |
| 152. | *Chloris gayana* Kunth  (Rhodes grass) | Germplasm material  for research only | 1. Australia 2. Kenya | Nil | Free from quarantine weed seeds. |
| 153. | *Chlorophytum* spp. (Chlorophytum) | Plants for propagation | 1. Asia 2. USA | Nil | Post-entry quarantine for a period of 45 days. |
| 154. | *Chlorophytum comosum*  (Safed musli) | Dried plant material for medicinal use | Any country | Nil | Free from quarantine weeds seeds |
| 155. | *Chrysanthemum* spp.  (Chrysanthemum) | (i) Seeds for sowing | 1. Taiwan 2. Denmark | Nil | Free from quarantine weed seeds. |

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|  |  |  | (iii) USA | Free from:   1. *Didymella chrysanthyemi* (Ray blight) 2. Chrysanthemum aspermy virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from   Chrysanthemum aspermy virus. |
| 1. France 2. UK 3. Germany 4. Netherlands 5. Australia | Free from *Pseudomonas viridiflava* (bacterial leaf blight of tomato) | Free from quarantine weed seeds. |
| (ii) Cuttings (rooted/ un-rooted) for planting. | Any Country | Free from:   1. Fasciation (*Rhodococcus fascians*) 2. Foliar nematodes (*Aphelenchoides fragariae,*   *A. ritzemabosi*)   1. Stem and bulb nematode (*Ditylenchus dipsaci*) 2. South American leaf miner (*Liriomyza huidobrensis*) 3. Burdock leaf miner (*Amauromyza maculosa*) 4. White rust (*Puccinia horiana*) 5. Ray blight and stem canker (*Didymella ligulicoa, syn. Ascochyta chrysanthemi*) 6. Bacterial leaf blight (*Pseudomonas viridiflava*)   (i) Chrysanthemum viruses viz. chlorotic mottle, stunt, vein chlorosis, virus B. | 1. Post-entry quarantine for a period of 45-60 days. 2. Free from soil contamination. |
| (iii) Plants for  propagation | Asia | Free from:   1. Bacterial blight (*Pseudomonas cichorii*) 2. White rust (*Puccinia horiana*) 3. Tomato foot rot (*Phytophthora cryptogea*) | Post-entry quarantine for a period of 45 days. |
| (iv) Tissue cultured plants | 1. Argentina 2. Australia 3. Canada 4. Czech   Republic   1. Greece 2. Iran | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus | Nil |

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|  |  |  | (vii) Belgium | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tomato spotted wilt virus 2. Tobacco mosaic tobamo virus 3. Chrysanthemum vein mottle virus 4. Chrysanthemum latent virus | Nil |
| (viii) Brazil | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tomato chlorotic spot virus 2. Groundnut ring spot virus 3. Chrysanthemum stem necrosis virus | Nil |
| (ix) China | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  (a ) Tobacco mosaic tobamo virus   1. Potato Y potyvirus 2. Potato X potexvirus | Nil |
| (x) Columbia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Impatiens necrotic spot virus 2. Tomato spotted wilt virus 3. Chrysanthemum stunt viroid | Nil |
| (xi) Denmark | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Chrysanthemum stunt viroid 2. Tomato spotted wilt virus | Nil |
| (xii) France | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Chrysanthemum stunt viroid 2. Tomato spotted wilt virus 3. Tomato mosaic virus | Nil |
| 1. Finland 2. Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from chrysanthemum stunt viroid. | Nil |
| (xv) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tomato spotted wilt virus 2. Chrysanthemum spot virus | Nil |
| (xvi) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Chrysanthemum stunt viroid 2. Tomato spotted wilt virus 3. Chrysanthemum vein mottle virus | Nil |

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|  |  |  | 1. Mexico 2. Slovenia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tomato spotted wilt virus 2. Impatiens necrotic spot virus | Nil |
| (xix) Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Chrysanthemum vein mottle virus 2. Tomato spotted wilt virus 3. Tospovirus | Nil |
| (xx) Poland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tomato mosaic virus 2. Tobacco mosaic tobamovirus 3. Tomato spotted wilt virus | Nil |
| (xxi) Russia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Potato Y potyvirus 2. Tomato spotted wilt virus | Nil |
| (xxii) Taiwan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  turnip mosaic virus | Nil |
| (xxiii) Turkey | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  chrysanthemum mosaic virus | Nil |
| (xxiv) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Beet mild yellowing virus 2. Beet western yellow luteovirus 3. Chrysanthemum stunt viroid 4. Chrysanthemum leaf mottling virus | Nil |
| (xxv) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tomato spotted wilt virus 2. Chrysanthemum stunt viroid 3. Symptomless ChCMV str. (ChCMV-ns) | Nil |

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|  |  |  | (xix) Any country except Iran, Greece, Czech Republic, Australia,  Argentina, Canada, Germany, Finland, Denmark, Slovenia,  Mexico, Japan, USA, Belgium, Italy, UK, Netherlands, Russia, China, Poland, Turkey, Brazil, Columbia, Taiwan, France | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 156. | *Cicer arientinium*  (Chick Pea) | (i) Seeds for sowing | Any Country | Free from Pod and stem blight (*Phomopsis longicolla*) | Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior Approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry  of Agriculture. |
| (ii) Seeds for consumption | Any Country | Nil | Fumigation with Methyl bromide @ 32 g/m3 at @ 210C and above under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant  Protection Adviser. |
| 157. | *Cichorium* spp. (Chicory and Endive) | Seeds for sowing | Any Country | Free from:   1. Bacterial blight (*Pseudomonas cichorii*) 2. Bidens mottle virus, 3. Chicory yellow mottle virus 4. Anthracnose (*Marssonina panottoniana*) | Free from quarantine weed seeds. |

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| 158. | *Cistus spp.* | (i) Branches for consumption purpose | Spain | Free from *Saturnia pavonia* (Small emperor moth) | Free from soil and other plant debris. |
| 159. | *Citrullus lanatus*  (Watermelon) | (i) Seeds for sowing | (i) Thailand | Nil | Free from quarantine weed seeds. |
| (ii) Any country except Thailand | Free from:   1. Bacterial fruit blotch (*Acidovorax avenae* subsp.   *citrulli*)   1. Angular leaf spot (*Pseudomonas syringae* pv.   *lachrymans*)   1. Soft rot (*Xanthomonas melonis*) 2. Watermelon viruses viz. chlorotic stunt, curly mottle, mosaic virus 2. 3. *Verticillium albo-atrum* 4. Squash mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from watermelon viruses viz. chlorotic stunt, curly mottle, mosaic virus 2, *Verticillium albo-atrum*, Squash mosaic virus |
| (ii) Seeds for consumption | Any Country | Nil | 1. (a) Weed free crop/ area certification or    1. Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or    2. Devitalization of seed by heat treatment at 1200C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India. 2. Management of handling, transportation, milling, and processing of import consignment and manner of disposal of refuse asper the guidelines prescribed by the   Plant Protection Advisor to the Government of India |
| (iii) Fruits for  consumption | 1. Thailand 2. Afghanistan | Nil | Nil |
| 160. | *Citrus hystrix*  (Kafir leaves) | Vegetable for  consumption | Thailand | Nil | Nil |

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| 161. | *Citrus* spp.  (Lemon, lime, orange, grapefruit, mandarins, etc. and other rutaceous) | (i) Fresh fruits for consumption | (i) Australia | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Bactrocera aquilonis* 3. *Bactrocera jarvisi* 4. *Bactrocera neohumeralis* 5. *Bactrocera tryoni* (Queensland fruit fly) 6. *Ceratitis capitata* (Mediterranean fruit fly) 7. *Epiphyas postvittana* (light brown apple moth) 8. *Guignardia citricarpa* (citrus black spot) 9. *Pseudococcus calceolariae* (scarlet mealybug) 10. *Unaspis citri* (citrus snow scale) | (Pest-free area status for *Bactrocera aquilonis, B. neohumeralis, B. tryoni* (Queensland fruit fly) and *Ceratitis capitata* (Mediterranean fruit fly) as per international standards Or Methyl bromide fumigation @  32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Queensland fruit fly and Mediterranean fruit fly Or In transit cold treatment at 30C or below for 20 days against Mediterranean fruit fly and for 16 days against Queensland fruit  fly. |
| (ii) Canada | Free from:   1. *Metcalfa pruinosa* (frosted moth bug) 2. *Pseudococcus comstocki* (Comstock mealybug) 3. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) | Nil |
| (iii) Chile | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Pseudococcus calceolariae* (scarlet mealybug) 4. *Selenaspidus articulatus* (West Indian red scale) 5. *Unaspis citri* (citrus snow scale) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit   fly. |

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|  |  |  | (iv) China | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Bactrocera tsuneonis* (Japanese orange fly) 3. *Ceroplastes japonicus* (tortoise wax scale) 4. *Guignardia citricarpa* (citrus black spot) 5. *Oraesia excavata* (fruit piercing moth) 6. *Pseudococcus calceolariae* (scarlet mealybug) 7. *Pseudococcus comstocki* (Comstock mealybug) 8. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 9. *Unaspis citri* (Citrus snow scale) 10. *Unaspis yanonensis* (arrowhead scale) | 1. Pest free area status for *Bactrocera tsuneonis* (Japanese orange fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs. at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration   against Mediterranean fruit fly. |
| (v) France | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Ceroplastes japonicus* (tortoise wax scale) 4. *Metcalfa pruinosa* (frosted moth) 5. *Pseudococcus calceolariae* (scarlet mealybug) 6. *Unaspis yanonensis* (arrowhead scale) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs. at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration   against Mediterranean fruit fly. |
| (vi) Iran | Free from *Aspidiotus nerii* (aucuba scale) | Nil |
| (vii) Italy | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Ceroplastes japonicus* (tortoise wax scale) 4. *Metcalfa pruinosa* (frosted moth bug) 5. *Pseudococcus calceolariae* (scarlet mealybug) | 1. Pest free area status for *Ceratitis capitata*(Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @32 g/m3 for 2 hrs. at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre-shipment cold treatment   at 00C or below for 10 days; |

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|  |  |  |  |  | 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit  fly. |
| (ix) South Africa | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Ceratitis rosa* (Natal fruitfly) 4. *Cryptophlebia leucotreta* (false codling moth) 5. *Guignardia citricarpa* (citrus black spot) 6. *Pseudococcus calceolariae* (scarlet mealybug) | 1. Pest free area status for *Ceratitis capitata* (Mediterrnean fruit fly) and *Ceratitis rosa* (Natal fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly and Natal fruit fly or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit   fly and Natal fruit fly. |
| (x) USA | Free from:   1. *Anastrepha fraterculus* (South American fruitfly) 2. *Anastrepha ludens* (Mexican fruit fly) 3. *Anastrepha serpentina* (sapodilla fruit fly) 4. *Anastrepha striata* (guava fruit fly) 5. *Anastrepha suspensa* (caribbean fruit fly) 6. *Aspidiotus nerii* (aucuba scale) 7. *Ceratitis capitata* (Mediterranean fruit fly) 8. *Epiphyas postvittana* (light brown apple moth) 9. *Metcalfa pruinosa* (frosted moth bug) 10. *Panonychus citri* (citrus red mite) 11. *Pseudococcus calceolariae* (scarlet mealybug) 12. *Pseudococcus comstocki* (Comstock mealybug) 13. *Pseudococcus jackbeardsleyi* (Jack Beardsley   mealybug)   1. *Selenaspidus articulatus* (West Indian red scale) 2. *Unaspis citri* (citrus snow scale) | 1. Pest free area status for *Anastrepha fraterculus* (South American fruit fly), *A. ludens* (Mexican fruit fly), *A. serpentine* (Sapodilla fruit fly), *A. striata* (Guava fruit fly), *A. suspense* (Caribbean fruit fly) and *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or Methyl bromide fumigation @ 40 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against *Anastrepha* spp. or 3. Pre-shipment cold treatment at 00C or below for 10 days; |

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|  |  |  |  |  | at 0.550C or below for 11 days; at 1.10C or below for 12 days plus in-transit  refrigeration against Mediterranean fruit fly and 0.550C or below for 18 days; at 1.10C or below for 20 days; plus in-transit refrigeration against *Anastrepha* spp. |
| (xi) Egypt | Free from:-   1. *Ceratitis capitata* (Mediterranean fruit fly) 2. *Brevipalpus lewisi* (citrus flat mite) 3. *Spiroplasma citri* (stubborn disease of citrus) | 1. Pest free area status for *Ceratitis capitata* (Mediterrnean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 00C or below for 13 days; 0.550C or below for14 days; 1.10C or below for 18 days.   The treatment should be endorsed on Phytosanitary Certificate issued at the  country of origin/re-export |

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|  |  |  | (xii) Morocco | Free from:-   1. *Ceratitis capitata* (Mediterranean fruit fly) 2. *Pantomorus cervinus* (Fuller’s rose beetle) 3. *Peridroma saucia* (pearly underwing moth) 4. *Spiroplasma citri* (stubborn disease of citrus) | 1. Pest free area status for *Ceratitis capitata* (Mediterrnean fruit fly) as per international standard or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days. The treatment should be endorsed on Phytosanitary Certificate issued at the   country of origin/ re-export. |
| (xiii) Turkey | Free from:-  (a) *Ceratitis capitata* (Mediterranean fruit fly) | Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards Or Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly Or  Pre-shipment cold treatment at 0oC or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against  Mediterranean fruit fly. |

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|  |  |  | (xiv) Spain | Free from:-  (a) *Ceratitis capitata* (Mediterranean fruit fly) | Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards  or  Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly. Or Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at  NAP or equivalent thereof against Mediterranean fruit fly |
| (XV) Uzbekistan **(S.O. 1817 (E) dated: 24th May, 2019**) | Free from:  *Pseudococcus comstocki* (Comstock mealybug) | Pest free Area status for *Pseudococcus comstocki* (Comstock mealybug) as per International Standard for Phytosanitary Measures |
| 162. | *Citrus maxima (*Pomelo), *Citrus sinensis, Citrus reticulata, Citrus paradisi, Citrus nobilis, Citrus deliciosa spp.,* | (ii) Plants for propagation | Thailand | Nil | 1. Post entry quarantine growing for a period of 10-12 months 2. Free from soil (iii)Commercial import subject to   prior approval of Department of Agriculture, Cooperation  and Farmers Welfare |
| 163. | *Citrus reticulata* (Tangerine)/ *Citrus maxima* (Pummelo) | Fresh fruit for  consumption | Thailand | Free from:   1. *Bactrocera papaya* (papaya fruit fly) 2. *Citripestis sagittiferella* (citrus fruit borer) 3. *Rhynchocoris poseidon* (spined fruit bug) | 1. Methyl bromide fumigation @   32 g/m3 for 2 hrs at 210C or above or equivalent thereof; or   1. Pre-shipment cold treatment at 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days plus   in-transit refrigeration against papaya fruit fly. |
| 164. | *Clarkia* spp. (Godetia) | Seeds for sowing | 1. USA 2. Germany 3. Japan 4. France 5. UK 6. Netherlands 7. Denmark 8. Australia | Nil | Free from quarantine weed seeds. |
| 165. | *Clematis* spp. (Clematis) | Plants for propagation | UK | Nil | Post-entry quarantine for a period of 45 days. |

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|  |  | Tissue cultured plants | Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  virus | Nil |
| 166. | *Cleome* spp. (Cleome) | Seeds for sowing | 1. Taiwan, 2. Netherlands 3. France 4. USA 5. Germany | Nil | Free from quarantine weed seeds. |
| 167. | *Clerodendrum inerme*  (Clerodendron) | Plants/ cuttings for  propagation | 1. Asia 2. USA | Nil | Post-entry quarantine for a period of 45 days. |
| 168. | *Clivia* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 169. | *Coccothrinax* | Seeds for sowing | Any country | Nil | Free from quarantine weeds seeds and soil contamination. |
| 170. | *Cocos nucifera*  (Coconutwood) | Wood with/without bark | Indonesia | Free from:  (a)*Aleurodicus destructor* (coconut whitefly) (b)*Chondracris rosea* (citrus locust) (c)*Coptotermes* (termites)  (d)*Coptotermes curvignathus* (rubber termite) (e)*Metamasius hemipterus*(West Indian cane weevil) (f)*Nipaecoccus nipae* (spiked mealybug) (g)*Rhynchophorus vulneratus* (Asiaticpalm weevil)   1. *Unaspis citri* (citrus snow scale) 2. *Ganoderma boninense* (basal stem rot of oil palm) 3. *Brontispa longissima* (coconut hispine beetle) 4. *Icerya samaraia* (steatococcus scale) 5. *Plesispa reichei* (coconut hispid) 6. *Rhynchophorus bilineatus* (black palm weevil) 7. *Scapanes australis* (rhinoceros beetle) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 171. | *Codiaeum variegatum*  (Croton) | Plants for  propagation | Asia | Nil | Post-entry quarantine for a period  of 45 days. |
| 172. | *Coffea* spp.  (Coffee and related species of Rubiaceae) | Coffee beans for consumption or processing | Any Country | Free from Coffee Berry Borers (*Hypothenemus hampei*, *Sophranica ventralis*) | Fumigation with Methyl bromide @ 32 g/m3 at 210C and above under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection  Adviser. |
| 173. | *Coix lacryma-jobi*  (Job‟stear) | Seeds for sowing | Nepal | Nil | Free from quarantine weed seeds. |
| 174. | *Colchicum autumnale*  (Meadow saffron) | Seeds formedicinal purpose | Germany | Nil | Free from soil and quarantine weed seeds. |

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| 175. | *Colchicum luteum* | Dried root for consumption | Pakistan | Nil | Free from soil and other plant debris |
| Iran | Free from  *Pectobacterium rhapontici* (rhubarb crown rot) | Free from soil and other plant debris |
| 176. | *Coleus* spp. (Coleus) | Seeds for sowing | 1. Europe 2. USA 3. Taiwan 4. Russia 5. Japan | Nil | Free from quarantine weed seeds. |
| 177. | *Consolida* spp. | Seeds for sowing | Australia | Free from *Pseudomonas syringae*pv. *delphinii* (leaf spot) | Free from quarantine weeds seeds. |
| 178. | *Consolida ambigua*  (Consolida) | Seeds for sowing | 1. USA 2. UK 3. France 4. Germany 5. Netherlands 6. Denmark | Nil | Free from quarantine weed seeds. |
| 179. | *Consolida ambigua*  (Delphinium) | Seeds for sowing | 1. Europe 2. USA 3. Canada | Free from  *Pseudomonas syringae pv. delphinii* (leaf spot) | Free from quarantine weed seeds and soil contamination. |
| 180. | *Convolvulus* spp. (Morning glory) | Seeds for sowing | USA | Free from *Ditylenchus dipsaci* (Brown ring disease of hyacinth) | Free from quarantine weed seeds. |
| 181. | *Corchorus capsularis*/ *Corchorus* spp.  (Jute and its wild species) | Seeds for sowing | 1. Angola 2. Australia 3. Botswana 4. Caribbean Islands 5. Central   America   1. Ghana 2. Malawi (viii)Mozambique 3. Namibia 4. Nigeria 5. S. Africa 6. S. America (xiii)Senegal 7. Somalia 8. Sudan 9. Tanzania 10. USA 11. Zaire (xix)Zambia   (xx) Zimbabwe | Nil | Free from quarantine weed seeds. |

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| 182. | *Cordyline* spp. | (i) Tissue cultured plants | 1. Netherlands 2. USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Impatiens necrotic spot virus 2. Tomato spotted wilt virus | Nil |
| (iii) Brazil | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus | Nil |
| (iv) Any country except Netherlands  USA and Brazil | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  virus | Nil |
| (ii) Plants for propagation | 1. Asia 2. USA | Nil | Post-entry quarantine growing for 45 days. |
| 183. | *Coreopsis lanceolata* | Seeds for sowing | 1. Netherlands 2. USA 3. France 4. Germany | Nil | Free from quarantine weed seeds. |
| 184. | *Coriandrum sativum*  (Coriander) | (i) Seeds for sowing | 1. Australia 2. Italy 3. Japan 4. USA | Free from :   1. *Pseudomonas viridiflava* 2. *Xanthomonas hortorum* pv. *carotae* (bacterial blight of carrot) 3. Celery mosaic virus | 1. Free from quarantine weed seeds. 2. Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of   origin. |
| (v) China | Free from *Pseudomonas viridiflava* | Free from quarantine weed seeds. |
| (vi) New Zealand | Free from :   1. *Pseudomonas viridiflava* 2. Celery mosaic virus | 1. Seed crop inspection and certification for free from (b) by a competent authority at the country of origin. 2. Free from quarantine weed seeds. |
| (vii) France | Free from *Pseudomonas viridiflava* (Bacterial leaf  blight of tomato) | Free from quarantine weed seeds. |
| (viii) Thailand | Nil | Nil |
| (ix) Bulgaria | Free from *Pseudomonas viridiflava* (Bacterial leaf  blight of tomato) | Free from quarantine weed seeds and soil contamination. |
| (x) Moldova | Nil | Free from quarantine weed seeds and soil contamination. |
| 185. | *Cortaderia* spp. (Pampas grass, etc) | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from viruses. | Nil |

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| 186. | *Corylus* spp. (Hazelnut) | Nut (seed) for  consumption | 1. Europe 2. Australia 3. USA | Free from *Ephestia elutella* (Chocolate moth) | 1. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs at 210C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from soil and quarantine   weed seeds. |
| (iv) Turkey | Free from *Xanthomonas arboricola pv. corylina*  (hazelnut blight) | 1. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs at 210C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from soil and   quarantine weed seeds. |
| 187. | *Corylus avellana*  (Hazelnut) | (i) Grafts/ budwoods/ plants for propagation | USA | Free from:   1. *Acrosternum hilare* (stink bug) 2. *Euproctis chrysorrhoea* (tail moth) 3. *Orgyia antiqua* ( tussock moth) 4. *Xyleborus dispar* (ambrosia beetle) 5. *Anisogramma anomala* 6. *Eutypa lata* (Eutypa dieback) 7. *Heterobasidium annosum* 8. *Rhizobium rhizogenes* 9. *Xanthomonas arboricola* pv. *corylina* (hazelnut blight) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month |
| (ii) Seeds (Nuts) for sowing | USA | Free from:  (a) *Xanthomonas arboricola* pv. *corylina* (hazelnut blight) | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 2-3 months except for   research. |

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| 188. | *Cosmos* spp. (Cosmos) | Seeds for sowing | 1. USA 2. France 3. Netherlands 4. Taiwan 5. Japan 6. Germany (vii)Australia | Nil | Free from quarantine weed seeds. |
| 189. | *Crambe abysinnica* | Seeds for sowing | UK | Nil | Free from quarantine weed seeds. |
| 190. | *Crataegus* spp. (Indian Hawthorn) | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained  from mother stock tested and maintained free from virus | Nil |
| 191. | Crocus sativus (Saffron) | Corms for propagation | 1. Algeria 2. China | Free from:   1. *Ditylenchus dipsaci* 2. *Burkholderia gladioli* | 1. Free from soil. 2. Post-entry quarantine growing for 2-3 months except for research. |
| 1. Germany 2. Iran 3. Spain | Free from; *Ditylenchus dipsaci* |
| 192. | *Crossandra* spp. | Seeds for sowing | Taiwan | Nil | Free from quarantine weed seeds. |
| 193. | *Crotolaria* spp. (Crotolaria) | Seeds for sowing | Japan | Nil | Free from quarantine weed seeds. |
| 194. | *Crotalaria juncea* (Sunnhemp) | Seeds for sowing | USA | Nil | Free from quarantine weed seeds |
| 195. | *Cryptocoryne wendtii* | (i) Plants for propagation | 1. Japan 2. Thailand | Nil | 1. Free from soil and other plant debris. 2. Post-entry quarantine for a period of 60 days. |
| (ii) Tissue culture plants | 1. Japan 2. Thailand | Certified that the tissue culture plants were obtained  from mother stock tested and maintained free from any virus. | Nil |
| 196. | *Cucumis melo* (Muskmelon) | Seeds for sowing | 1. China 2. Netherlands | Free from:   1. *Pseudomonas viridiflava* 2. Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Seed crop inspection and certification for Free from (b) by a competent authority at the country of origin |
| (iii) France | Free from :   1. *Pseudomonas viridiflava* 2. Zucchini yellow fleck virus 3. Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin. |
| 1. Hong Kong, 2. Korea DPR, 3. Thailand 4. Russia | Nil | Nil |

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|  |  |  | (viii) Japan | Free from:   1. *Pseudomonas viridiflava* 2. Melon necrotic spot virus 3. Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin. |
| (ix) USA | Free from:   1. *Acidovorax avenae subsp. citrulli* (bacterial fruit blotch of watermelon) 2. *Pseudomonas viridiflava* 3. Lettuce infectious yellow virus 4. Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Seedcrop inspection and certification for Free from (a)   to (d) by a competent authority at the country of origin |
| 1. Spain, 2. Israel 3. Taiwan 4. Jordan 5. Italy | Free from Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for Free from Zucchini yellow mosaic virus. |
| (xv) Chile | Nil | Free from quarantine weed seeds |
| (ii) Dried grains (seeds) for  consumption | Any Country | Nil | Nil |
| (iii) Fruits for consumption | (i) Thailand | Free from *Pseudococcus jackbeardsleyi* (Jack Beardsley mealy bug) | Nil |
| (ii) Afghanistan | Nil | Nil |
| (iii) Uzbekistan **(S.O. 1817 (E) dated: 24th May,**  **2019)** | Nil | Nil |
| 197. | *Cucumis sativus* (Cucumber and related species) | Seeds for sowing | (i) Russia | Free from:   1. *Pseudomonas putida* 2. *Fusarium oxysporum f. sp. cucumerinum* (fusarial wilt) 3. Arabis mosaic virus (hop bare–bine) 4. Tomato ringspot virus | 1. Free from quarantine weeds seeds. 2. Crop inspection and certification for free from arabis mosaic virus and   tomato ringspot virus. |
| (ii) Any country except Russia | Free from:   1. Fusarial wilts (*Fusarium oxysporum* f.sp.   *cucumerinum*)   1. Black spot (*Phomopsis sclerotoides*) 2. Septoria leaf spot (*Septoria cucurbitarum*) 3. Cucumber seed-borne virus viz. leaf spot 4. *Verticillium alboatrum* 5. Squash mosaic virus | 1. Free from quarantine weeds seeds. 2. Crop inspection and certification for free from cucumber seed-borne virus and squash mosaic virus. |

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| 198. | *Cucurbita* spp. | Seeds for sowing | New Zealand | Free from:   1. *Pseudomonas viridiflava* (bacterial leaf blight of tomato (USA)) 2. Arabis mosaic virus (hop barebine) 3. Squash mosaic virus (squash mosaic) 4. Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds and soil. 2. Crop inspection and certification for free from Arabis mosaic virus (hop bare-bine), Squash mosaic virus (squash mosaic) and Zucchini yellow mosaic virus |
| 199. | *Cucurbita maxima*  (Banana Squash) | Seeds for sowing | 1. Japan 2. Argentina 3. South Africa 4. Taiwan 5. Italy 6. France | Free from Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from Zucchini yellow mosaic virus. |
| (vii) Korea ROK | Free from *Pseudomonas viridiflava* (bacterial leaf  blight of tomato) | Free from quarantine weed seeds. |
| (viii) USA | Free from:   1. Lettuce infectious yellow virus 2. Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from lettuce infectious yellow virus and zucchini yellow mosaic   virus. |
| 1. China 2. Netherlands 3. Germany | Free from:   1. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 2. Zucchini yellow mosaic virus | 1. Free from quarantine weeds seeds. 2. Crop inspection and certification for free from zucchini yellow mosaic virus. |
| 1. Korea DPR 2. Thailand 3. Vietnam 4. Russia 5. Philippines | Nil | Free from quarantine weed seeds. |
| (i) Israel | Nil | Freedom from quarantine weed seeds |
| (ii)Czech Republic | Free from:   1. *Arabis mosaic virus* 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato | 1. Seed crop inspection and certification for free from (a) &   (b) by a competent authority at the country of origin   1. Post-entry quarantine growing for 2-3 months |

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| 200. | *Cucurbita moschata*  (Pumpkin) | Seeds for sowing | 1. Japan 2. Argentina | Free from Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from Zucchini yellow mosaic virus. |
| 1. Korea DPR 2. Korea ROK 3. Thailand | Nil | Free from quarantine weed seeds. |
| 1. UK 2. Germany (viii)Denmark 3. France 4. Italy (xi)Spain   (xii) The Netherlands | Free from*Peridroma saucia (*Pearly underwing moth) | Free from quarantine weed seeds. |
| (xiii) Philippines | Nil | Free from quarantine weed seeds and soil contamination. |
| 201. | *Cucurbita pepo*  (Summer Squash) | Seeds for sowing | (i) Australia | Free from:   1. Arabis mosaic virus (hop bare-bine) 2. Zucchini yellow mosaic virus I 3. *Acidovorax avenae* subsp.*citrulli* (bacterial fruit blotch) | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for Free from (a) and (b) |
| 1. China 2. France 3. Germany 4. Italy 5. Japan 6. South Africa (viii)Netherlands | Free from:   1. Arabis mosaic virus (hop barebine) 2. Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds 2. Crop inspection and certification for free from Arabis mosaic virus (hop barebine) & Zucchini yellow   mosaic virus. |
| 1. Korea DPR 2. Korea ROK 3. Thailand | Nil | Free from quarantine weed seeds. |
| (xii) USA | Free from:   1. *Acidovorax avenae* subsp. *citrulli* (bacterial fruit blotch) 2. Lettuce infectious yellow virus 3. Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Seed crop inspection and certification for Free from (a) to (c) by a competent authority at the country of origin |

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|  |  |  | 1. Jordan 2. Argentina 3. Israel 4. Taiwan 5. Spain | Free from Zucchini yellow mosaic virus | 1. Free from quarantine weeds seeds. 2. Crop inspection and certification for free from zucchini yellow mosaic virus. |
| (xviii) Russia | Free from Arabis mosaic virus (hop bare-bine) | 1. Free from quarantine weeds seeds. 2. Crop inspection and   certification for Free from arabis mosaic virus. |
| (xix) Chile | Free from zucchini yellow mosaic virus | 1. Free from quarantine weeds seeds. 2. Crop inspection and certification for freedom from zucchini yellow mosaic virus. |
| (xx) U.K. | Free from:   1. *Arabis* mosaic virus 2. *Trialeurodes vaporariorum* 3. *Diabrotica virgifera virgifera* | Free from quarantine weeds seeds |
| 202. | *Cuminum cyminum* (Cumin) | Seeds for sowing | Iran | Nil | Nil |
| 203. | *Curcuma* spp. | Tissue cultured plants | (i) Taiwan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from alpinia mosaic virus | Nil |
| (ii) Any country except Taiwan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 204. | *Cyathochaeta* spp. | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus | Nil |
| 205. | *Cycas* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for  propagation | Any Country | Nil | Post-entry quarantine growing for a period of 45 days. |
| 206. | *Cyclamen* spp. (Cyclamen) | Seeds for sowing | 1. Europe 2. USA 3. Japan | Free from:   1. *Tobacco rattle virus* (spraing of potato) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) | 1. Free from quarantine weed seeds. 2. Crop inspection and   certification for free from tobacco rattle virus. |
| (iv) Australia | Free from *Pseudomonas viridiflava* (bacterial leaf  blight of tomato) | Free from quarantine weeds seeds. |
| (ii) Tissue culture plants | Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |

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| 207. | *Cymbopogon citrates*  (Lemongrass) | Vegetable for  consumption | Thailand | Nil | Nil |
| 208. | *Cynodon dactylon*  (lawn grass) | (i) Seed for sowing | 1. UK 2. Australia | Nil | Free from quarantine weed seeds |
| (iii) USA | Free from:  *Gaeumannomyces graminis var. graminis* (crown sheath rot) | Free from quarantine weed seeds and soil contamination. |
| Spain | Nil | Free from quarantine weed seeds and soil contamination. |
| (ii) Grass for propagation | USA | Free from:  (a) *Chaetocnema pulicaria* (corn flea beetle) (b)*Belonolaimus longicaudatus* (sting nematode)   1. *Tylenchorhynchus acutus (*stylet-stunt nematode) 2. *Clavibactor xyli sub sp. cynodontis* (Bermuda grass stunting disease) | 1. Free from quarantine weed seeds/ plants and soil. 2. Post-entry quarantine for a period of 9 months |
| Indonesia | Nil | 1. Free from quarantine weed seeds/ plants and soil. 2. Post-entry quarantine for a period of 9 months |
| 209. | *Cynodon dactylon*/  *C. dactylon* hybrids | Germplasm material for research only | Kenya | Nil | Free from quarantine weed seeds |
| 210. | *Cyphomandra betacea*  (Tamarillo) | (i) Seeds for sowing | 1. Italy 2. USA | Free from *Arabis mosaic virus* | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for freedom from Arabis mosaic virus 3. Post-entry quarantine growing for 6-9 month |
| (iii) Spain | Nil |
| (ii) Cuttings for propagation | (i) Italy | Free from:   1. *Trialeurodes vaporariorum* 2. *Phytophthora cryptogea* (foot rot) 3. *Arabis mosaic virus* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 month except for research. |
| (ii) Spain | Free from:   1. *Trialeurodes vaporariorum* (glasshouse whitefly) 2. *Phytophthora cryptogea* |
| (iii) USA | Free from:   1. *Chrysodeixis includens* 2. *Trialeurodes vaporariorum* 3. *Phytophthora cryptogea* (foot rot)   (h) *Arabis mosaic virus* |
| 211. | *Daemonorops verticillaris* | Seeds for sowing | Any Country | Nil | Free from quarantine weeds seeds and soil contamination. |
| 212. | *Dahlia* spp. | Seeds for sowing | Australia | Nil | Free from quarantine weeds seeds. |

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| 213. | *Dampiera wellsiana* | Tissue culture plants | Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 214. | *Dasypogon romeliifolius* | Tissue culture plants | Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 215. | *Datura alba* | Dry plant material (All plant parts) for  medicinal purpose | China | Nil | Free from quarantine weeds seeds and soil |
| 216. | *Daucus carota* (Carrot) | Seeds for sowing | Any Country | Free from:   1. Bacterial blight (*Xanthomonas hortorum* pv.   *carotae*)   1. Carrot viruses (mottle dwarf, red leaf and yellow leaf) | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from carrot viruses. |
| 217. | *Davallia* spp. (Davallia) | Plants for propagation | Asia | Nil | Post-entry quarantine for a period of 45 days. |
| 218. | *Delonix elata* | Seeds for sowing | Africa | Nil | Free from quarantine weed seeds. |
| 219. | *Delosperma cooperi*  (Ice Plant) | Plants for propagation | USA | Nil | Post-entry quarantine for a period of 45 days. |
| 220. | *Delphinium hybrids*  (Delphinium) | (i) Seeds for sowing | 1. Europe 2. USA 3. Japan | Nil | Free from quarantine weed seeds. |
| (ii) Tissue cultured plants | (i) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from aster yellows (phytoplasmas) | Nil |
| (ii) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from potato virus X | Nil |
| (iii) Lithuania | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Cucumis virus 1 2. Tomato ring spot nepo virus 3. Tobacco rattle virus 4. Peony virus 1 | Nil |
| (iv) Any country except UK, Lithuania and  Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 221. | *Dendrocalamus* spp.  (Bamboo) | Seeds for sowing | 1. China 2. Thailand | Nil | Free from quarantine weed seeds |
| 222. | *Desmodium* spp. | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 223. | *Dianella* spp.(Native flax) | Tissue culture  plants | Australia | Certified that the tissue cultured plants obtained from  mother stock tested and maintained free from viruses | Nil |

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| 224. | *Dianthus* spp. (Carnation) | (i) Seeds for sowing | (i) Guatemala | Nil | Free from quarantine weed seeds. |
| (ii) Japan | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Arabis mosaic virus* (hop barebine) | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from arabis mosaic virus. |
| (ii) Seeds/Cut flowers | Any Country (for seeds except Guatemala and Japan) | Free from:   1. Rust (*Uromyces dianthi* 2. Smut (*Sorosporium spaonariae*) 3. Downy mildew (*Peronospora dianthi*, *P.dianthicola*) 4. *Ditylenchus dipsaci* (stem and bulb nematode) 5. Arabis mosaic virus (hop barebine) | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from arabis mosaic virus. |
| (iii) Cuttings/ saplings for sowing/planting | Any Country | Free from:   1. Bacterial wilt and stem cracking (*Burkholderia caryophilli*) 2. Slow wilt (*Erwinia chrysanthemi* pv. *dianthicola*) 3. Rust (*Uromyces dianthi*) 4. Smut (*Sorosporium spaonariae*) 5. Downy mildew (*Peronospora dianthi*,   *P. dianthicola*)   1. Carnation viruses viz. latent, mottle virus | Post-entry quarantine facility for a period of 45-60 days. |
| (iv) Tissue cultured plants | (i) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Carnation 1 alpha crypto virus 2. Carnation 2 alpha crypto virus 3. Carnation Italian ring spot virus 4. Carnation yellow stripe virus 5. Carnation vein mottle virus 6. Carnation ring spot virus | Nil |
| (ii) New Zealand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  carnation rhabdo virus | Nil |
| (iii) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Carnation Italian ring spot virus 2. Carnation ring spot virus 3. Carnation vein mottle virus | Nil |
| (iv) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from carnation Italian ring spot virus. | Nil |

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|  |  |  | (v) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Carnation Italian ring spot virus 2. Carnation ring spot virus | Nil |
| 1. Israel 2. Spain | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Carnation vein mottle virus 2. Carnation ring spot virus | Nil |
| 1. Argentina, 2. Lithuania, 3. France, 4. China, 5. Australia, 6. Romania, 7. Yugoslavia, 8. Denmark, 9. Japan, (xvii) Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from carnation ring spot virus. | Nil |
| (xviii) Any country except Italy, New Zealand, UK, USA, Germany, Israel, Spain, Argentina, Lithuania, France, China, Australia, Romania, Yugoslavia, Denmark, Japan  and Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 225. | *Dianthus chinensis* | Seeds for sowing | Netherlands | Nil | Free from quarantine weed seeds. |
| 226. | *Dicentra* spp. | Tissue cultured plants | (i) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco rattle virus (Tobrvirus). | Nil |
| (ii) Any country except USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |

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| 227. | *Dichanthium sericeum/*  *D. aristatum* (blue grass) | Germplasm material  for research only | Australia | Nil | Free from quarantine weed seeds |
| 228. | *Dichrostachys cinerea* | (i) Dried pods for consumption/ processing | (i) Tanzania | Nil | Free from soil and other plant debris |
| 229. | *Dielsia* spp. | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus | Nil |
| 230. | *Digitalis spp.* | Seeds for sowing | Guatemala | Nil | Free from quarantine weeds seeds and soil |
| 231. | *Digitaria ciliaris* | Germplasm material  for research only | Kenya | Nil | Free from quarantine weed seeds. |
| 232. | *Digitaria exilis*  *D. longiflora* (Crabgrass) | Germplasm material  for research only | (i) Australia | Nil | Free from quarantine weed seeds. |
| (ii) USA | Free from *Aceria toschicella* (Wheat mosaic mite) |
| 233. | *Dimocarpus longan*  (Longan) | (i) Fruits for  consumption | (i) Thailand | Nil | Nil |
| (ii) Grafted plants/ seedlings for propagation | 1. Australia 2. China, 3. Taiwan | Nil | 1. Free from soil. 2. Post-entry quarantine growing for a period of 2-3 months except for research. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (iii) Seeds for sowing | 1. Australia 2. China, 3. Taiwan | Nil | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
| 234. | *Dimorphotheca* spp. | Seeds for sowing | Europe | Nil | Freedom from quarantine weeds  seeds. |
| 235. | *Dionea*  (Venus fly trap) | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained  from mother stock tested and maintained free from virus. | Nil |
| 236. | *Dioon* sp. | Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| 237. | *Diospyros digyna*  (Black sapota) | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a |

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|  |  |  |  |  | growing period of 6-9 months. |
| 238. | *Diospyros kaki*  (Persimmon) | (i) Seeds for sowing | 1. Japan 2. China 3. Italy 4. Russia | Nil | Free from quarantine weed seeds. |
| (ii) Grafts/budwoods  /plants for propagation | (i) Japan | Free from:   1. *Ceroplastes japonicus* 2. *Halyomorpha halys* 3. *Homona magnanima* ( tea tortrix) 4. *Pantomorus cervinus* (rose beetle) 5. *Parabemisia myricae* (whitefly) 6. *Rhizobium rhizogenes* | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 2-3 month. |
| (ii) Russia | Free from:   1. *Ceroplastes japonicus* ( wax scale) 2. *Pantomorus cervinus* 3. *Colomerus vitis* (grape mite ) 4. *Rhizobium rhizogenes* |
| (iii) Italy | Free from:   1. *Ceroplastes japonicus* (wax scale) 2. *Pantomorus cervinus* (rose beetle) 3. *Parabemisia myricae* (whitefly) 4. *Sesamia nonagrioides* 5. *Colomerus vitis* (grape mite ) 6. *Eutypa lata* (Eutypa dieback) 7. *Rhizobium rhizogenes* |
| (iii) Fresh fruits for consumption | (i) Spain | Free from:   1. *Ceratitis capitata* (Mediterranean fruit fly) 2. *Lobesia botrana* (Grape berry moth) 3. *Pseudococcus calceolariae* (Scarlet mealybug) 4. *Pseudococcus viburni* (Mealybug) 5. *Sesamia nonagrioides* (Mediterranean corn stalk borer) | 1. Pest free status for *Ceratitis spp*. as per international standards   or   1. Pre shipment cold treatment at 0oC or below for 10 days; 0.55oC or below for 11 days; 1.1oC or below for 12 days plus in-transit refrigeration against fruit flies   or   1. MBr fumigation @ 32 g/cubic metre for 2 hrs at 21oC or above at NAP or equivalent thereof.   The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

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|  |  |  | (ii) South Africa | Free from:   1. *Ceratitis capitata* (Mediterranean fruit fly) 2. *Ceratitis rosa* (Natal fruit fly) 3. *Pantomorus cervinus* (Fuller's rose beetle) 4. *Thaumatotibia leucotreta* (False codling moth) 5. *Delottococcus elisabethae* (Mealy bug) 6. *Heliopthrips sylvanus* (Thrips) 7. *Planococcus ficus* (Vine mealy bug) 8. *Prietocella ventricosa* (Snail) 9. *Pseudnococcus calceolariae* (Citrophilus mealy bug) 10. *Pseudnococcus viburni* (Pear and Apple mealy bug) | 1. Pest free area status for *Ceratitis* spp. as per international standards or Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against fruit flies and 2. Methyl bromide fumigation @   32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 239. | *Dipteryx odorata*  (Cumaru) | Wood with or without bark | Brazil | Nil | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 240. | *Dolichos lablab*  (Lablab) | Grain (seed) for consumption | Myanmar | Nil | 1. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs. at 210C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from quarantine weed   seeds. |
| 241. | *Dovyalis caffra* | (i) Plants for propagation | Thailand, Australia, USA | Nil | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |

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| 242. | *Dovyalis hebecarpa*  (Ceylon gooseberry) | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a   growing period of 6-9 months. |
| 243. | *Dracaena* spp.  (Bamboo Lucky) | Plants for  propagation | Asia | Nil | Post-entry quarantine for a period  of 45 days. |
| 244. | *Duranta* spp.  (Duranta) | Plants/ cuttings for  propagation | 1. Asia 2. USA | Nil | Post-entry quarantine for a period  of 45 days. |
| 245. | *Durio zibethinus*  (Durian) | Fruits for consumption | 1. Thailand 2. Sri Lanka | Nil | Nil |
| Grafts/ budwoods/ plants for propagation | (i) Thailand | Free from:   1. *Allocarsidara malayensis* 2. *Mudaria magniplaga* 3. *Orgyia turbata* (tussock moth) 4. *Oxyodes scrobiculata* 5. *Eutetranychus africanus* (citrus brown mite) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for research. |
| (ii) Indonesia | Free from:   1. *Allocarsidara malayensis* 2. *Graphium agamemnon* 3. *Icerya pulchra* 4. *Nisotra javanica* | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for research. |
| (iii) Malaysia | Free from   1. *Allocarsidara malayensis* 2. *Asterolecanium ungulatum* 3. *Icerya pulchra* 4. *Mudaria magniplaga* 5. *Orgyia turbata* (tussock moth) 6. *Oxyodes scrobiculata* | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for research. |
| 1. Mauritius 2. New Zealand 3. Philippines 4. Sri Lanka 5. USA | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing   for 6-9 month except for research. |

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|  |  | Cuttings/ Plants for propagation | (i) Australia, (ii)Papua New Guinea  (iii) Vietnam | Nil | 1. Free from soil. 2. Post-entry quarantine growing for a period of 2-3 months except for research. 3. Commercial imports subject to prior approval of Department of Agriculture and Cooperation |
| 246. | *Echeveria spp.* | (i) Tissue cultured plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 247. | *Echinacea* spp/  *Echinacea purpurea* | (i) Tissue cultured plants | USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from aster yellows phytoplasma group (yellow disease phytoplasmas) | Nil |
| (ii) Seeds for sowing | USA | Nil | Free from quarantine weeds seeds. |
| 248. | *Echinochloa* spp.  (Barnyard grass/millet*)* | Germplasm material  for research only | 1. Australia 2. Nepal | Nil | Free from quarantine weed seeds |
| 249. | *Echinodorus ozelot* | (i) Plants for propagation | Japan | Nil | 1. Free from soil and other plant debris. 2. Post-entry quarantine for a period of 60 days. |
| (ii) Tissue culture plants | Japan | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 250. | *Echium plantagineum* | Seeds for sowing | UK | Nil | Free from quarantine weed seeds. |
| 251. | *Elaeis guineensis*  (Oil palm) and related species | (i) Seeds/Pollen/ Seed sprouts | Any Country | Free from   1. Vascular wilt (*Fusarium oxysporum* f.sp.   *elaeidis*)   1. Freckle (*Cercospora elaedis*) 2. Red ring (*Rhadinaphelenchus cocophilus*) and its vector *Rhyncophorus palmarum* 3. Lethal bud rot or sudden wilt [*Marchites sorpresiva* (phytoplasmas)] 4. Fatal wilt or hart rot (*Phytomonas staheli*) 5. Leaf mottle virus 6. Cadang cadang and related viroids 7. Palm kernel borer (*Caryobruchus* spp. and   *Pachymerus* spp.) | 1. Import subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture. 2. Consignment will be grown under post-entry quarantine for a period of 10-12 months. |
| *Elaeis guineensis* | (ii) Palm kernel shell for consumption | (i) Cambodia | Nil | Free from soil and any plant debris |
| (ii) Malaysia | Nil | Free from soil and any plant  debris |
| 252. | *Eleocharis tuberosa*  (Chinese Water Chestnut) | Vegetable for  consumption | Thailand | Nil | Nil |

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| 253. | *Eleusine coracana*  (Finger millet/ragi) | Seeds for propagation/ consumption | 1. Bangladesh 2. Bhutan 3. Nepal 4. Sri Lanka | Nil | Free from soil and weed seeds. |
| 254. | *Elymus* spp., *Elymus Elymoides*  (Squirrel tail) | Germplasm material for research only | USA | Free from:   1. *Tilletia controversa* (dwarf bunt of wheat) 2. *Pseudomonas syringae* pv. *atropurpurea* | Free from quarantine weed seeds. |
| 255. | *Encephalartos* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Any Country | Nil | Post-entry quarantine for a period of 45 days. |
| 256. | *Entandrophragma* spp.  (Sapeli) | Wood with/ without bark | Any Country | Free from *Hypsipyla robusta* | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 257. | *Eragrostis* spp. (Weeping lovegrass/Teff) | Germplasm material for research only | (i) Brazil | Free from *Anthonomus grandis* (cotton boll weevil) | Free from soil and quarantine weed seeds |
| 1. Australia 2. Czech   Republic   1. Kenya 2. Romania 3. Syria (vii)Ethiopia   (viii) South Africa | Nil | Free from quarantine weed seeds. |
| (iii) Grass for propagation | USA | Free from:-   1. *Anthonomus grandis* (Mexican cotton boll weevil) 2. Barley yellow dwarf viruses (barley yellow dwarf) | Free from soil and other plant debris. |
| UK, China, Australia | Free from Barley yellow dwarf viruses (Barley yellow dwarf) |
| Seeds for sowing | USA | Free from *Anthonomus grandis* (Mexican cotton boll  weevil) | Free from quarantine weeds seeds |
| UK, China,  Australia | Nil |  |
| 258. | *Eragrostis curvula/*  *Eragrostis tef* | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds |
| 259. | *Eremochloa ophiuroides* | Seeds for sowing | USA | Free from  *Gaeumannomyces graminis var. graminis* (crown  sheath rot) | Free from quarantine weed seeds and soil contamination. |

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| 260. | *Ermophila mitchelli* | Wood with and without bark | Australia | Free from *Bemisia tabaci* (B biotype) (Silver leaf Whitefly) | Fumigation with Methyl bromide 48 g/m3 for 2 hrs for 210C or above @ NAP or equivalent thereof or any other treatment duly approved by the Plant Protection Adviser to the Govt. of India.  The treatment should be endorsed on Phytosanitary certificate issued  at the country of origin/re-export. |
| 261. | *Eruca vesicaria* (Rocolla) | Seeds for sowing | (i) Netherlands | Nil | Free from quarantine weed seeds. |
| (ii) Italy | Free from Radish mosaic virus | Free from quarantine weed seeds and soil contamination |
| (iii) France | Nil | Free from quarantine weed seeds  and soil contamination |
| 262. | *Eryngium* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 263. | *Erysimum* spp. (Wall flower) | Seeds for sowing | 1. Asia 2. Europe 3. USA | Nil | Free from quarantine weed seeds. |
| 264. | *Eschcholzia californica* | Seeds for sowing | UK | Nil | Free from quarantine weed seeds. |
| 265. | *Eucalyptus* spp. (Eucalyptus) | Seeds for sowing | (i) Australia | Free from:   1. *Cryphonectria gyrosa* 2. *Cytospora eucalypticola* | Free from quarantine weed seeds and plant debris. |
| (ii) Honduras | Nil | Free from quarantine weed seeds |
| 266. | *Eucalyptus alba* | (i) Fruit buds for  consumption | (i) Indonesia | Nil | Free from soil and other plant  debris. |
| 267. | *Eucalyptus calophylla*  **(***Corymbia calophylla* **)** | (i) Timber logs with/without bark for consumption | (i) Australia | Nil | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued  at the Country of Origin/re-export. |

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| 268. | *Eucalyptus camaldulensis* | (i) Timber logs with/without bark for consumption | (i) Thailand | Nil | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the Country  of Origin/re-export. |
| 269. | *Eucalyptus globulus* | (i) Tissue cultured hardened plants | Portugal | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Post-entry quarantine growing for a period of 90 days. |
| (ii) Logs with and without bark | (i) Sri Lanka | Free from *Ctenarytaina eucalypti* (blue gum psyllid) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary  Certificate issued at the country of origin/re-export. |
| (ii) Cameroon | Nil | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above or equivalent there of or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued  at the Country of Origin/re- export. |
| 270. | *Eucalyptus grandis/ Eucalyptus* spp. | (i) Timber logs/ Sawn timber for processing | (i) Uruguay | Free from:   1. *Phoracantha recurva* (eucalyptus longhorned borer) 2. *Phoracantha semipunctata* (eucalyptus longhorned borer) 3. *Aureobasidium pullulans* (blue stain wood) | Fumigation with Methyl bromide @ 48 g/m3 at @ 210C and above or equivalent thereof under NAP and the treatment to be endorsed on Phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant  Protection Adviser. |

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|  |  |  | (ii) South America | Nil | Fumigation with Methyl bromide @ 48 g/m3 at @ 210C and above or equivalent thereof under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser |
| (iii) South Africa | Free from:   1. *Gonipterus scutellatus* (eucalyptus snout beetle) 2. *Heteronychus arator* (African black beetle) 3. *Macrotermes natalensis* 4. *Phoracantha recurva* (eucalyptus longhorned borer) 5. *Phoracantha semipunctata* (eucalyptus longhorned borer) | Fumigation with Methyl bromide @ 48 g/m3 at @ 210C and above or equivalent thereof under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the  Plant Protection Adviser. |
| (ii) Wood  with/without bark | Australia | Free from :   1. *Ctenarytaina spatulata* 2. *Phoracantha recurva* (eucalyptus longhorned borer) 3. *Phoracantha semipunctata* (eucalyptus longhorned borer) 4. *Paropsis atomaria* (Eucalyptus tortoise beetle) 5. *Paropsis charybdis (eucalyptus tortoise beetle)* 6. *Puccinia psidii* (myrtle rust) 7. *Thaumastocoris peregrinus* (bronze bug) 8. *Trachymela tincticollis* (*A*ustralian tortoise beetle) 9. *Uraba lugens* (eucalypt leaf skeletonizer) 10. *Mundulla yellows* (Mundulla Yellows dieback) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof under NAP or any other treatment duly approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (iii) Timber logs with/ without bark for consumption | (i) New Zealand | Free from : -   1. *Ctenarytaina spatulata* 2. *Gonipterus scutellatus* (eucalyptus snout beetle) 3. *Paropsis charybdis* (eucalyptus tortoise beetle) 4. *Phoracantha semipunctata* (eucalyptus longhorned borer) 5. *Phytophthora cryptogea* (tomato foot rot) 6. *Thaumastocoris peregrinus* (bronze bug) 7. *Uraba lugens* (eucalypt leaf skeletonizer) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof under NAP or any other treatment duly approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (ii) Fiji | Nil |
| (iii) Papua New Guinea | Free from:   1. *Phoracantha recurva* (eucalyptus longhorned borer) 2. *Phoracantha semipunctata* (eucalyptus longhorned borer) |

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|  |  |  | (iv) South Africa | Free from:   1. *Macrotermes natalensis* 2. *Phoracantha recurva* (eucalyptus longhorned borer) 3. *Phoracantha semipunctata* (eucalyptus longhorned borer) 4. *Botryosphaeria dothidea* (canker of almond) 5. *Ceratocystis moniliformis* 6. *Coniothyrium zuluense* (coniothyrium canker of eucalyptus) 7. *Lasiodiplodia iraniensis* 8. *Puccinia psidii* (myrtle rust) 9. *Thaumastocoris peregrines* (bronze bug) 10. *Trachymela tincticollis* (Australian tortoise beetle) |  |
| (iv) Timber logs with/ without bark for consumption | (i) Cameroon | Nil | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above or equivalent there of or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary  Certificate issued at the Country of Origin/re-export. |
| 271. | *Eucalyptus grandis*  (Eucalyptus) | (i) Seeds for sowing | (i) Brazil | Free from:   1. *Hypothenemus obscurus* (nut borer) 2. *Thyrinteina arnobia* 3. *Botryosphaeria dothidea* | 1. Free from quarantine weed seeds. 2. Fumigation with phosphine @ 3 g/m3 at NAP. |
| (ii) Plants for  propagation | (i) Brazil | Free from:   1. *Atta sexdens* (leaf cutting ant) 2. *Atta sexdens rubropilosa* 3. *Eupseudosoma involuta* 4. *Hygrochroa sericea* 5. *Phoracantha recurva* 6. *Thyrinteina arnobia* 7. *Botryosphaeria dothidea* | 1. Free from soil. 2. Post-entry quarantine growing for 2-3 months except for research. |
| (iii) Seeds for  sowing/ rooted plants | (i) Honduras | Nil | 1. Free from quarantine weed seeds. 2. Post-entry quarantine growing for 2-3 months except for   research. |

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|  |  | (iv) Plants/ cuttings for propagation | (i) Uruguay | Free from:   1. *Ctenarytaina spatulata* 2. *Phoracantha recurva* (eucalyptus long horned borer) 3. *Phoracantha semipunctata* (eucalyptus long horned borer) 4. *Puccinia psidii* (guava rust) | 1. Free from soil. 2. Post-entry quarantine for a growing period of 3 months. |
| 272. | *Eugenia spp.* | (i) Plants for propagation | Thailand | Free from:   1. *Darna diducta* (nettle caterpillar) 2. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug). | 1. Post-entry quarantine growing for a period of 10-12 months. 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine for a growing period of 6-9   months. |
| 273. | *Eugenia dombeyi* | Plants for propagation | Thailand, Australia | Nil | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| USA | Free from *Puccinia psidii* (Guava rust) | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |

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|  |  | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a   growing period of 6-9 months. |
| 274. | *Eugenia oleosum* | Plants/cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a growing period of 6-9 months. |
| 275. | *Euphorbia spp.* | (i) Seeds for Medicinal/ consumption purpose | Europe, South Korea | Nil | Free from quarantine weeds seeds and soil |
| China | Free from *Pseudomonas viridiflava* (Bacterial leaf blight of tomato ) (USA) | Free from quarantine weeds seeds and soil |
| 276. | *Euphorbia longan*  (Longan) | Grafts/ budwoods/ plants for propagation | 1. Mauritius 2. New Zealand 3. Sri Lanka 4. USA | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for research. |
| 1. Indonesia 2. Philippines | Free from *Tessaratoma javanica* |
| (vii) Malaysia | Free from *Cossus* sp. (carpenter moth) |
| (viii)Thailand | Free from:   1. *Conopomorpha sinensis* 2. *Cossus* sp (carpenter moth) 3. *Tessaratoma javanica* |
| 277. | *Euphorbia milii*  (Flamingo) | Plants for propagation | 1. Asia 2. USA | Nil | Post-entry quarantine for a period of 45 days. |
| 278. | *Euphorbia pulcherrima*  (Poinsettia) | (i) Plants for propagation | 1. Asia 2. USA | Nil | Post-entry quarantine for a period of 45 days. |

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|  |  |  | (iii) Spain | Free from:   1. *Bemisia tabaci* (B biotype) (silverleaf whitefly) 2. *Frankliniella occidentalis* (western flower thrips) 3. *Hercinothrips femoralis* (banded greenhouse thrips) 4. *Trialeurodes vaporariorum* (greenhouse whitefly) 5. *Phytophthora cryptogea* (tomato foot rot) | 1. Free from soil. 2. Post-entry quarantine for a period of 45 days. |
| (iv) Europe (except Spain) | Free from:   1. *Bemisia tabaci* (B biotype) (silverleaf whitefly) 2. *Frankliniella occidentalis* (western flower thrips) 3. *Trialeurodes vaporariorum* (greenhouse whitefly) 4. *Armillaria tabescens* (armillaria root rot) 5. *Phytophthora cryptogea* (tomato foot rot) 6. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 7. *Burkholderia cepacia* (sour skin of onion) 8. *Rhizobium rhizogenes* |  |
| (ii) Tissue cultured plants | Europe | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 279. | *Euphorbia Leucodendron*  (Flame tip) | Plants/cuttings for propagation | South Africa | Free from:   1. *Bemisia tabaci* (B biotype) (silverleaf whitefly) 2. *Frankliniella occidentalis* (western flower thrips) 3. *Opogona sacchari* (banana moth) 4. *Phenacoccus manihoti* (cassava mealybug) 5. *Phytophthora cryptogea* (tomato foot rot) 6. *Rhizobium rhizogenes* (gall) | 1. Free from soil. 2. Post-entry quarantine for a growing period of 6 months. |
| 280. | *Eustoma* spp. | Seeds for sowing | 1. Europe 2. Japan 3. Taiwan 4. USA 5. Guatemala | Nil | Free from quarantine weed seeds and soil. |
| 281. | *Eustoma grandiflorum* | Plants/ cuttings for propagation | Netherlands | Free from  *Duponchelia fovealis* (Southern European marshland pyralid) | 1. Free from soil 2. Post-entry quarantine for a growing period of 3 months. |
| 282. | *Euterpe* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plant for propagation | Any country | Nil | 1. Free from soil 2. Post-entry quarantine growing for a period of 10-12 months |

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| 283. | *Eutrema wasabi*  (*Wasabia japonica*) | Tissue cultured plants | Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from viruses. | Nil |
| 284. | *Evandra* spp. | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus | Nil |
| 285. | *Fagopyron esculentum*  (Buckwheat) | Grain (seed) for  consumption | Nepal | Nil | Free from quarantine weed seeds. |
| 286. | *Fagus sylvatica*  (European Beech) | Timber with/ without bark | (i)Europe | Free from:  Insects:   1. *Agrilus sulcicollis* (European oak borer) 2. *Agrilus viridis (*beech buprestid) 3. *Callidium violaceum* 4. *Cerambyx scopolii (*scorpion beetle) 5. *Cydia leguminana* 6. *Dicerca aenea* 7. *Dicerca berolinensis* 8. *Dryocoetes villosus* 9. *Ectoedemia liebwerdella* 10. *Ernoporus fagi* 11. *Hylecoetus dermestoides* (large timber worm) 12. *Phymatodes testaceus (*tanbark borer) 13. *Ptilinus pectinicornis (*kaefer*)* 14. *Plagionotus arcuatus* 15. *Platypus cylindrus (*oak pinhole, borer) 16. *Prionus coriarius (*tanner beetle) 17. *Scolytus intricatus* (European oak bark beetle) 18. *Scolytus laevis* 19. *Taphroruchus bicolor (*beech bark beetle) 20. *Tremex fuscicornis (*tremex wasp) 21. *Trypodendron demesticum* 22. *Xyleborus dispar (p*ear blight beetle) 23. *Xyleborus dryographus* 24. *Xyleborus monographus* 25. *Xylosandrus germanus (*black timber bark beetle) 26. *Xyloterus domsticus*   aa. *Xyloterus signatus*  bb*. Zeuzera pyrina (*wood leopard*)*  Fungi:   1. *Armillaria cepistipes* 2. *Ascodichaena rugosa* 3. *Bjerkandera adusta (*scored conk) 4. *Bjerkandera fumosa (*roger mushroom) 5. *Cylindrobasidium evolvens* | 1. Free from quarantine weed seeds and soil contamination. 2. Methyl bromide fumigation @ 48 g/ m3 for 24 hrs at 210C and above or equivalent thereof or Heat treatment at 560C (core temperature) for 30 minutes or Any other treatment approved by the Plant Protection Adviser to the Government of India.The treatment should be endorsed on Phytosanitary Certificate issued at the countryof origin/re-export. |

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|  |  |  |  | 1. *Eutypa lata* (eutypa dieback) 2. *Fomes fomentarius* (hoof fungus) 3. *Fomitopsis pinicola*(brown crumbly rot) 4. *Fusicoccum galericulatum* 5. *Heterobasidion abietinum* 6. *Heterobasidion annosum* 7. *Hypoxylon fragiforme* 8. *Hypoxylon nummularium* 9. *Phellinus igniarius* 10. *Phytophthora citricola* 11. *Phytophthora pseudosyringae* 12. *Phytophthora ramorum (*sudden oak death(SOD*)* 13. *Stereum hirsitum* 14. *Stereum purpueum* 15. *Stereum rugosum* 16. *Trametes gibbosa* 17. *Trametes hirsute* 18. *Trametes versicolor* 19. *Xylaria hypoxylon (*candlesnuff fungus). |  |
| 287. | *Fatsia* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 288. | *Festuca arundinacea*  (Meadow fescue) | (i) Germplasm material for research only | USA | Free from:   1. *Aceria tosichella* (wheat curl mite) 2. *Anguina agrostis* (grass nematode) 3. *Gloeotinia granigena* 4. *Neotyphodium coenophialum* 5. *Pyrenophora dictyoides* | (i) Free from quarantine weed seeds. |
| (ii) Grafts/budwood/ plantsfor propagation | USA | Free from:  (a) *Chaetocnema pulicaria* (corn beetle) (b)*Exomala orientalis* (oriental beetle) (c)*Oulema melanopus* (oat leaf beetle) (d)*Pogonomyrmex occidentalis* (e)*Pogonomyrmex rugosus* (f)*Belonolaimus longicaudatus* (g)*Gloeotinia granigena* (h)*Neotyphodium coenophialum*  (i)*Pyrenophora dictyoides* | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for research. |

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|  |  | (iii) Seeds for sowing | USA | Free from:   1. *Gloeotinia granigena* (blind seed disease: grasses) 2. *Neotyphodium coenophialum* (tall fescue endophyte) 3. *Pyrenophora dictyoides* (netblotch of Fescues (*Festuca* spp.)) | Free from quarantine weed seeds and soil contamination. |
| 289. | *Festuca rubra* | Seeds for sowing | USA | Free from:   1. *Monographella nivalis* (foot rot of cereals) 2. *Pseudomonas syringae pv.atropurpurea* | Free from quarantine weed seeds and soil contamination. |
| 290. | *Ficus* spp. | (i) Tissue cultured plants | (i) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Ficus conica virus 2. Fig virus S | Nil |
| (ii) Any country except Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (ii) Plants/ cuttings for propagation | Any Country | Nil | Post-entry quarantine for a period of 45 days. |
| 291. | *Flacourtia indica* | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a growing period of 6-9 months. |
| 292. | *Flemingia macrophylla* | Plants for  propagation | USA | Nil | Post-entry quarantine growing for  a period of 45 days. |
| 293. | **Flower bulbs:** | | | | |
| (a) *Dahlia* spp**.** | (i) Tubers for planting or propagation | Any Country | Free from viruss affecting dahlia except dahlia mosaic virus | 1. Post-entry quarantine for one growth season. 2. Free from soil. |
| (ii) Seeds for sowing | 1. Europe 2. USA 3. Japan | Nil | Free from quarantine weed seeds. |
| (b) *Gladiolus* spp. | Corms/Corm lets for planting or propagation | Any Country | Free from:   1. Smut (*Urocystis gladiolicola*) 2. Rusts (*Uromyces gladioli* and *U. transversalis*) 3. Corm rot (*F. oxysporum* f.sp. *gladioli*) 4. Hard rot (*Septoria gladioli*) 5. Scab and neck rot (*Burkholderia marginalis*) 6. Base rot (*Burkholderia gladioli* pv. *gladiolI*) | 1. Post-entry quarantine for one growth season. 2. Free from soil. |

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|  | (c) *Heliconia* spp. | Rhizomes for  propagation | Any Country | Free from Moko wilt (*Burkholderia solanacearum*  Race 2) | Post-entry quarantine period for  one growth season |
| (d) *Hyacinthus* spp. | Bulbs for propagation | Any Country | Free from:   1. Bacterial blight or yellow slime (*Xanthomonas hyacinthi*) 2. Hyacinth mosaic virus (Poty virus) 3. Stem and bulb nematode (*Ditylenchus dipsaci*) | 1. Post-entry quarantine for one growth season 2. Free from soil 3. Hot-water treatment of bulbs at 450C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the Phytosanitary Certificate. Or Treatment with Methyl bromide @ 32 g/m3 for 2½ hrs at 210C or above under NAP or equivalent or any other treatment specified by the Plant Protection   Adviser. |
|  | (e) *Iris* spp.  (bulbous and rhizomatous varieties) | Bulbs/rhizomes for planting or propagation | Any Country | Free from:   1. Fusarial rot (*Fusarium oxysporum* f.sp. *gladioli*) 2. Stem and bulb nematode (*Ditylenchus dipsaci*) 3. Sclerotinia rot (*Sclerotinia bulborum*) 4. Iris virus (Potyvirus) | 1. Post-entry quarantine for one growth season 2. Free from soil 3. Hot-water treatment of bulbs at 450C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the Phytosanitary Certificate. Or Treatment with Methyl Bromide @ 32 g/m3 for 2 ½ hrs at 210C or above under NAP or equivalent or any other treatment specified by the Plant Protection Adviser. |
| (f) *Lillium* spp. (Lilly) | (i) Bulbs for planting | Any Country | Free from:   1. Fusarium wilt (*Fusarium oxysporum* f.sp. *lilii*) 2. Anthracnose (*Colletotrichum lilii*) 3. Bacterial leaf spot (*Burkholderia gladioli* pv.   *gladioli*)   1. Lilly viruses (lilly rosette, lilly symptom less, tulip breaking and lilly curl stripe) | 1. Post-entry quarantine for one growth season. 2. Free from soil |

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|  |  | (ii) Tissue cultured plants | (i) Korea ROK, Korea DPR | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tulip breaking virus 2. Lily mottle virus 3. Lily virus X 4. Tobacco mosaic virus 5. Tobacco rattle virus 6. Broad bean wilt fabavirus 7. Tomato ringspot nepovirus 8. Lily mild mosaic virus | Nil |
| (ii) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Lily mottle virus 2. Tulip breaking virus 3. Lily virus X 4. Citrus tatter leaf virus | Nil |
|  | (iii) Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Arabis mosaic virus 2. Lily mottle virus 3. Lily virus X 4. Tobacco rattle virus 5. Tulip breaking virus 6. Tulip mosaic virus 7. Necrotic fleck virus complex | Nil |
| (iv) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tulip breaking virus 2. Necrotic fleck virus complex | Nil |
| (v) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tobacco rattle virus 2. Tulip breaking virus 3. Turnip mosaic virus 4. Narcissus mosaic virus 5. Arabis mosaic virus | Nil |
| (vi) Israel | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tulip breaking virus 2. Srawberry latent ring spot virus 3. Lily mottle virus | Nil |

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|  |  |  | (vii) Taiwan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tulip breaking virus 2. Lily mottle virus 3. Strawberry latent ring spot virus 4. Lily virus X | Nil |
| (viii) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tulip breaking virus | Nil |
| 1. China 2. Poland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from lily mottle virus | Nil |
| (xi) Any country except Korea ROK, Korea DPR, Japan, Italy, UK, Israel, Taiwan, Netherland, USA, China,  Poland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (iii) Plants/ cuttings for propagation | The Netherlands | Free from:   1. *Lilioceris lilii* (lily leaf beetle) 2. *Botrytis tulipae* (tulip fire) 3. *Aphelenchoides fragariae* (Strawberry crimp nematode) 4. *Pratylenchus vulnus* (walnut root lesion nematode) 5. Lily mottle virus 6. Lily symptomless virus 7. Lily virus X 8. Narcissus mosaic virus   (i) Strawberry latent ringspot virus (latent ring spot of strawberry)  (j) Tulip breaking virus | 1. Free from soil and other plant debris 2. Post-entry quarantine for a period of 60 days |

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|  | (g) *Narcissus* spp. (Narcissus) | Bulbs for planting | Any Country | Free from:   1. Basal rot (*Fusarium oxysporum* f. sp. *narcissi*) 2. Stem and bulb nematode (*Ditylenchus dipsaci*) 3. Narcissus fire (*Botryotinia polyblastis*) 4. Leaf scorch (*Stagnospora curtissi*) 5. Narcissus bulb flies (*Merodona equesteris*, *Eumerus strigatus* and *E. tubuculatus*) 6. Narcissus viruses | 1. Post-entry quarantine for one growth season 2. Free from soil 3. Hot-water treatment of bulbs at 450C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the phytosanitary certificate. Or Treatment with Methyl bromide @ 32 g/m3 for 2½ hrs at 210C or above under NAP or equivalent or any other treatment specified by the Plant Protection   Adviser. |
| (h) *Tulipa* spp. | Bulbs for planting or propagation | Any Country | Free from:   1. Bulb and stem nematode (*Ditylenchus dipsaci*) 2. Yellow pustule and hellfire (*Curtobacterium flaccumfaciens pv. oortii*) 3. Tulipa viruses viz. band breaking, chlorotic blotch, virus x and other seed borne viruses. | 1. Post-entry quarantine for one growth season 2. Free from soil 3. Hot-water treatment of bulbs at 450C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the Phytosanitary Certificate Or Treatment with Methyl bromide @ 32 g/m3 for 2½ hrs at 210C or above under NAP or equivalent or any other treatment specified by   the Plant Protection Adviser. |
| (i) *Zantedeschia* spp. (Calla lilly) | (i) Corms for propagation or planting | Any Country | Free from:   1. Bacterial leaf spot (*Xanthomonas campestris* pv.   *zantedeschiae*)   1. Zantadeschia mosaic virus | 1. Post-entry quarantine for one growth season. 2. Free from soil. |
| (ii) Tissue cultured plants | (i) Korea ROK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from zantedeschia mosaic virus | Nil |
| (ii) Czech Republic | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus | Nil |
| (iii) Slovenia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tomato spotted wilt virus 2. Impatiens necrotic spot virus | Nil |

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|  |  |  | (iv) Bulgaria | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tomato spotted wilt virus 2. Potyvirus | Nil |
| (v) New Zealand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (vi) Taiwan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Turnip mosaic virus 2. Zantedeschia mosaic virus | Nil |
|  |  | (vii) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from konjac mosaic virus | Nil |
| (viii) Any country except Korea ROK, Taiwan, Czech Republic, Slovenia,  Bulgaria, New Zealand, USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (i) *Zingiber mioga*  (Ornamental Zinger) | Rhizomes for propagation | Any Country | Free from Leaf blight ((*Xanthomonas campestris*  pv. *zingibericola*) | 1. Post-entry quarantine for one growth season. 2. Free from soil. |
| 294. | *Foeniculum vulgare*  (Fennel) | Seeds for sowing | France, Chile | Free from *Rhizobium rhizogenes* (gall) | Free from quarantine weeds seeds and soil contamination |
| Denmark | Nil | Free from quarantine weeds seeds  and soil contamination |
| 295. | *Fragaria ananassa*  (strawberry) | Fruits for consumption | Sri Lanka | Free from:   1. *Frankliniella occidentalis* (western flower thrips) 2. *Peridroma saucia* (pearly underwing moth) 3. *Aphis forbesi* (aphids) | Nil |
| Thailand | Nil | Free from soil. |
| 296. | *Fragaria vesca* | Frozen fruits for consumption | Poland | Free from:   1. *Otiorhynchus sulcatus* (vine weevil) 2. *Arion hortensis* (garden slug) 3. *Deroceras reticulatum* (grey field slug) | 1. Free from any plant debris. 2. Fumigation with Methyl bromide @ 32 g/m3 for 2 hrs at 210C and above under NAP before processing/ freezing of fruits and the treatment be endorsed on Phytosanitary   Certificate. |

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| 297. | *Fraxinus* spp. (Ash) | Logs with/without bark | Canada | Free from:   1. *Agrilus planipennis* (Emerald ash borer) 2. *Anoplophora glabripennis* (Asian long horned beetle) 3. *Heterobasidion annosum* 4. *Phytophthora ramorum* [Sudden oak death (SOD)] 5. *Rhizobium rhizogenes* (Bacterial gall) 6. *Xyleborus dispar* (Pear blight beetle) | 1. Free from quarantine weeds seeds and soil Contamination. 2. Methyl bromide fumigation @ 48 g/ m3 for 24 hrs at 210C and above or equivalent thereof or Heat treatment at 560C (core temperature) for   30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India  The treatment should be endorsed on Phytosanitary certificate issued  at the Country of origin/re-export. |
| 298. | *Freesia* spp. (Freesia) | (i) Seeds forsowing | (i) USA | Free from Tobacco rattle virus (spraing of potato) | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from tobacco rattle virus. |
| 1. Europe 2. Asia | Nil | Free from quarantine weed seeds. |
| (iv) Australia | Free from freesia mosaic virus | 1. Free from soil and quarantine weed seeds. 2. Crop inspection and certification for freedom from freesia mosaic virus. |
| (ii) Bulbs for propagation | Europe | Nil | 1. Free from soil. 2. Post-entry quarantine for one growth season. |
| 299. | *Fuchsia spp.* | (i) Tissue culture plants | (i) Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from Nerine latent virus. | Nil |
| (ii) Costa Rica (iii)USA | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 300. | *Gaillardia* spp.  (Blanket flower) | Seeds for sowing | 1. Europe 2. USA | Nil | Free from quarantine weed seeds. |

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| 301. | *Garcinia mangostana*  (Mangosteen) | Fruits for consumption | (i) Thailand | Free from :   1. *Bactrocera papayae* (papaya fruit fly) 2. Mealy bug | 1. Methyl bromide fumigation @   32 g/m3 for 2 hrs at 210C or above or equivalent thereof or   1. Pre-shipment cold treatment at 00C or below for 13 days; 0.550C or below for14 days; 1.10C or below for 18 days plus   in-transit refrigeration against papaya fruit fly. |
| (ii) Sri Lanka | Nil | Nil |
| Cuttings / plants for propagation | 1. Philippines 2. New Zealand 3. Sri Lanka 4. Indonesia 5. Malaysia 6. Mauritius 7. USA | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for research. |
| (viii) Thailand | Free from *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) |
| 1. Australia, 2. Puerto rico | Free from *Bemisia tabaci* (B biotype) | 1. Free from soil. 2. Post-entry quarantine growing for a period of 2-3 months except for research. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation   and Farmers Welfare |
| 1. Madagascar 2. Myanmar 3. Vietnam | Nil |
| 302. | *Gardenia* spp. (Gardenia) | Tissue cultured plants | Holland | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from virus | Nil |
| 303. | *Gazania* spp. (Gazania) | Seeds for sowing | 1. Europe 2. USA 3. Japan 4. Guatemala 5. Australia | Nil | Free from quarantine weed seeds and soil. |
| 304. | *Genista* spp. | Seeds for sowing | 1. Asia 2. Europe 3. USA | Nil | Free from quarantine weed seeds. |
| 305. | *Gentiana* spp. | Tissue cultured plants | (i) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Bean yellow mosaic virus 2. Broad bean wilt virus 3. Clover yellow vein virus 4. Tobacco rattle virus | Nil |

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|  |  |  | (ii) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Bean yellow mosaic virus 2. Impatiens necrotic spot virus | Nil |
| (iii) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from gentiana carlavirus. | Nil |
| (iv) Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from broad bean wilt virus. | Nil |
| (v) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato black ring virus | Nil |
| (vi) Any country except Japan, Germany, Australia, UK, USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| (ii) Dry plant material (All plant parts) for medicinal  purpose | China | Free from *Cronartium flaccidum* (scot pine blister rust) | Free from quarantine weed seeds and soil. |
| 306. | *Geranium* spp. | (i) Seeds for sowing | 1. USA 2. Asia 3. Europe | Nil | Free from quarantine weed seeds. |
| (iv) Guatemala | Free from:   1. *Phenacoccus madeirensis* (cassava mealybug) 2. *Pseudococcus jabeardsleyi* (Jack Beardsleyi mealybug) 3. *Spodoptera frugiperda* (fall armyworm) | Free from quarantine weed seeds and soil. |
| (ii) Tissue cultured plants | (i) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tomato spotted wilt virus 2. Pelargonium line pattern carmovirus 3. Pelargonium ring spot virus 4. Pelargonium vein clearing virus 5. Potato virus S 6. Impatiens necrotic spot virus | Nil |

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|  |  |  | (ii) Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Pelargonium leaf curl virus 2. Pelargonium vein netting virus 3. Arabis mosaic virus 4. Tomato ring spot virus 5. Tomato black ring virus 6. Tobacco necrosis virus | Nil |
| (iii) Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tomato spotted wilt virus 2. Impatiens necrotic spot virus | Nil |
| (iv) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Pelargonium ring spot virus 2. Pelargonium chlorotic ring pattern virus 3. Pelargonium zonate spot virus | Nil |
| 1. Iran 2. France | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus. | Nil |
| (vii) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pelargonium line pattern carmovirus | Nil |
| 1. Hungary 2. Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pelargonium flower-break virus | Nil |
| (x) Czech Republic | Certified that the tissue cultured plants were obtained from mother stock tested and maintained  free from pelargonium leaf curl virus | Nil |
| (xi) Sweden | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato ring spot virus | Nil |
| (xii) Poland | Certified that the tissue cultured plants were  obtained from mother stock tested and maintained free from tobacco necrosis virus | Nil |
| (xiii) Any country except USA, UK, Italy, Hungary, Germany, Netherlands, Czech Republic, Sweden, Poland, Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | NIL |

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| 307. | *Gerbera jamesonii*  (Gerbera) | (i) Seeds for sowing | 1. USA 2. Europe 3. Asia | NIL | Free from quarantine weed seeds. |
| (ii) Plants for propagation | (i) Netherlands | Free from:   1. *Frankliniella occidentalis* (Western flower thrips) 2. *Otiorhynchus sulcatus* (Vine weevil) 3. *Thrips angusticeps* (Field thrips) 4. *Phytonemus pallidus* (Strawberry mite) 5. *Phytophthora cryptogea* (Tomato root rot) | Post-entry quarantine growing for a period of 45 days. |
| (ii) Germany | Free from:   1. *Frankliniella occidentalis* (Western flower thrips) 2. *Trialeurodes vaporariorum* (Glasshouse white fly) 3. *Phytonemus pallidus* (Strawberry mite) 4. *Phytophthora cryptogea* (Tomato foot rot) | Post-entry quarantine growing for a period of 45 days. |
| (iii) Europe (except Germany) | Free from:   1. *Frankliniella occidentalis* (Western flower thrips) 2. *Otiorhynchus sulcatus* (vine weevil) 3. *Trialeurodes vaporariorum* (glasshouse white fly) 4. *Thrips angusticeps* (field thrips) 5. *Phytonemus pallidus* (Strawberry mite) 6. *Phytophthora cryptogea* (tomato foot rot) | Post-entry quarantine growing for a period of 45 days. |
| (iv) USA | Free from:   1. *Chrysodeixis includens* (soybean looper) 2. *Frankliniella occidentalis* (Western flower thrips) 3. *Trialeurodes vaporariorum* (Glasshouse white fly) 4. *Phytonemus pallidus* (Strawberry mite) 5. *Phytophthora cryptogea* (tomato foot rot) | Post-entry quarantine growing for a period of 45 days. |
| (iii) Tissue cultured plants | 1. Europe 2. Australia 3. Argentina 4. Greece 5. Japan 6. Columbia 7. USA 8. Mexico 9. Slovenia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus | Nil |

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|  |  |  | (x) Turkey | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco mosaic virus | Nil |
| (xi) Russia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tobacco rattle tobravirus | Nil |
| (xii) Any country except Europe, Argentina, Greece, Japan, Columbia, Italy, USA, Mexico, Slovenia, Turkey,  Russia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| (iv) Plants/cuttings for propagation  purpose | 1. Kenya 2. Israel | Free from *Franklimiella occidentalis* (western flower thrips) | 1. Free from soil. 2. Post-entry quarantine growing for a period of 45 days. |
| 308. | *Gliricidia sepium*  (Mother of Cocoa) | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 309. | *Gloriosa* spp.  (Gloriosa) | Seeds for sowing | 1. South Africa 2. Ghana | Nil | Free from quarantine weed seeds. |
| 310. | *Glossostigma elatinoides* | (i) Plants for propagation | Japan | Nil | 1. Free from soil and other plant debris. 2. Post-entry quarantine for a period of 60 days. |
| (ii) Tissue culture plants | Japan | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from  any virus. | Nil |
| 311. | *Glycine* spp. (Soybean) | (i) Seed for sowing | Any Country | Free from:   1. Downy mildew (*Peronospora manshurica*) 2. Stem canker (*Diaporthe phaseolorum* var.   *caulivora*)   1. Root and stem rot (*Phytophthora megasperma*   var*. sojae)*   1. Pod and stem blight (*Phomopsis longicolla*) 2. Soybean cyst nematode (*Heterodera glycines*) 3. Bacterial wilt (*Curtobacterium flaccumfaciens*   pv. *flaccumfaciens*),   1. Soybean viruses viz. dwarf, chlorotic mottle, stunt, poty. 2. Bruchids (*Bruchidius* spp.) | 1. Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture. 2. Free from soil. |

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|  |  | (ii) Seeds for consumption/ processing | Any Country | Free from Bruchids (*Bruchidius* spp.) | 1. (a) Weed free crop/area certification or    1. Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or    2. Devitalization of seed by heat treatment at 1200C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India 2. Management of handling, transportation, milling, and processing of import consignment and manner of disposal of refuse as per the guidelines prescribed by the Plant Protection Advisor to the   Government of India |
| 312. | *Gomphrena* spp. (Globosa)  (Globe amaranth) | Seeds for sowing | (i) Japan | Free from soybean dwarf virus | Free from quarantine weeds seeds  and soil. |
| 1. Germany 2. Taiwan 3. USA 4. Netherlands 5. France 6. UK (viii)Denmark | Nil | Free from quarantine weed seeds. |
| 313. | *Goodenia spp.* | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 314. | *Gossypium* spp*.* (Cotton) | Raw cotton bales for industrial use | Any Country | Free from Cotton boll weevils (*Anthonomus grandis*, *A. peninsularis* and *A. vestitus*) | Fumigation with Methyl bromide @ 24 g/m3 for 24 hrs at 210C and above under NAP at the port of entry or by any other fumigant/  substance in the manner approved by the Plant Protection Adviser. |

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| 315. | *Grevillea spp.* | Tissue culture plants | Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 316. | *Guaiacum* spp. | Plants for  propagation | USA | Free from *Diaprepes abbreviatus* (citrus weevil) | Post-entry quarantine growing for  a period of 45 days. |
| 317. | *Guizotia* spp. (Niger) | Seeds for sowing | Uganda | Nil | 1. Freedom from quarantine weed seeds 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation   and Farmers Welfare |
| Grains for consumption | (i) Ethiopia | Free from:   1. *Spodoptera littoralis* (cotton leaf worm) 2. *Orobanche minor* (common broomrape) | 1. Free from quarantine weed seeds. 2. Fumigation with Methyl bromide @ 48 g/m3 at @ 210C and above or equivalent thereof under NAP of heat treatment at 560C (core temperature) for 30 minutes or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser and the treatment to be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (ii) Myanmar | Nil |
| 318. | *Gypsophillia* sp | Plants for propagation | The Netherlands | Nil | 1. Free from soil. 2. Post-entry quarantine period for one growth season |
| 319. | *Gypsophilla paniculata* | (i) Tissue culture plants | Israel | Certified that the tissue cultured plants were obtained from mother stock tested and maintained  free from virus. | Post-entry quarantine for a period of 45 days. |
| (ii) Stems/ cuttings and plants for propagation | Israel | Free from *Erysiphe buhrii* | 1. Post-entry quarantine for a growing period of 90 days. 2. Free from soil. |
| (iii) Seeds for  sowing | Denmark | Nil | Free from quarantine weeds seeds and soil. |
| 320. | *Hasslerina* spp. | Seeds for sowing | 1. Netherlands 2. France | Nil | Free from quarantine weed seeds. |
| 321. | *Hedera* spp. (Hedera) | Plants for propagation | Asia | Nil | Post-entry quarantine for a period of 45 days. |

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| 322. | *Hedichium* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 323. | *Helianthus* spp. (Sunflower) | (i) Seeds for sowing | Any Country | Free from:   1. Downy mildew (*Plasmopara halstedii*) 2. Bruchid (*Bruchidius* spp.) 3. Larger Dermestid beetle (*Trogoderma versicolor*) | 1. Import subject to prior approval of Department of Agricultue and Cooperation in the Ministry of Agriculture. 2. Seed treatment with metalaxyl @ 2% at the country of origin prior to shipment and the treatment shall be endorsed   on Phytosanitary Certificate. |
| (ii) Seeds for consumption or processing | Any Country | Nil | 1. (a) Weed free crop/ area certification or    1. Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or    2. Devitalization of seed by heat treatment at 1200C for   15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India  (ii) Management of handling, transportation, milling, and processing of import consignment and manner of disposal of refuse as per the guidelines prescribed by the  Plant Protection Advisor to the Government of India. |
| 324. | *Helichrysum* spp. | Seeds for sowing | Australia | Nil | Free from quarantine weeds seeds. |
| 325. | *Helichrysum bracteatum*  (Straflower) | Seeds for sowing | 1. Europe 2. USA | Nil | Free from quarantine weed seeds. |
| 326. | *Helleborus* spp.  (Lantern/ Christmas flower) | Tissue cultured plants | 1. Germany 2. Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from Helleborous mosaic (Carlavirus) virus. | Nil |
| (iii) Any country except Germany  and Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |

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| 327. | *Hemarthria altissima/ Hyparrhenia rufa*  (Jaragua grass) | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 328. | *Hemerocallis* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 329. | *Heuchera* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants wereobtained from mother stock tested and maintainedfree from virus | Nil |
| 330. | *Hibiscus* spp. (Hibiscus) | (i) Seeds for sowing | (i) Dominican Republic | Free from *Ascochyta abelmoschi* (Leaf spot) | Free from quarantine weed seeds. |
| (ii) China | Free from *Colletotrichum hibisci* (Anthracnose) | Free from quarantine weed seeds. |
| (iii) Japan | Nil | Free from quarantine weeds seeds. |
| (iv) Ecuador | Nil | Free from quarantine weeds seeds and soil. |
| (ii) Seeds for consumption purpose | Ecuador | Nil | Free from quarantine weeds seeds and soil. |
| (iii) Plants for propagation | (i) Asia | Nil | Post-entry quarantine for a  period of 45 days. |
| (ii) Australia | Free from Hibiscus chlorotic ring spot virus | Post-entry quarantine for a period of 45 days. |
| (iii) USA | Free from:   1. *Parabemisia myricae* (Bayberry whitefly) 2. *Paracoccus marginatus* (Papaya mealybug) 3. *Pectinophora scutigera* (Pink spotted bollworm) 4. *Phenacoccus madeirensis* (Cassava mealybug) 5. *Pseudococcus calceolariae* (Citrophilus mealybug) 6. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 7. *Spodoptera frugiperda* (Fall armyworm) 8. *Steirastoma breve* (Cacao beetle) 9. *Armillaria tabescens* (Armillaria root rot) 10. *Rhizobium rhizogenes* (Bacterial gall) 11. Hibiscus chlorotic ring spot virus | Post-entry quarantine for a period of 45 days. |
| (iv) Spain | Free from:  *Frankliniella occidentalis* (western flower thrips) *Parabemisia myricae* (bayberry whitefly) *Pseudococcus calceolariae* (scarlet mealybug) *Spodoptera littoralis* (cotton leafworm)  *Trialeurodes vaporariorum* (greenhouse whitefly) | 1. Free from soil. 2. Post-entry quarantine for a period of 45 days. |

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|  |  |  | (v) French  Polynesia | Free from *Chaetocnema confinis* (flea beetle) | 1. Free from soil. 2. Post-entry quarantine for a period of 45 days. |
| (ii) Tissue cultured plants | 1. Spain 2. French   Polynesia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained  free from virus | Nil |
| 331. | *Hibiscus cannabinus, Hibiscus and its wild relatives* (*Kenaf*) | Seeds for sowing | (i) Angola | Free from *Spermophagus pygopubens* | Free from quarantine weed seeds |
| 1. El Salvador 2. Guatemala | Free from *Anthonomus grandis* (cotton boll weevil) |
| (iv) Sri Lanka | Free from *Spermophagus convolvuli* |
| (v) South Africa | Free from *Spermophagus maurus* |
| (vi) USA | Free from:   1. *Althaeus hibisci* 2. *Anthonomus grandis* 3. *Cristulariella maricola* 4. *Grovensinia pyramidalis* | 1. Free from quarantine weed seeds. 2. Fumigation with phosphine @ 3 g/m3 at NAP. |
| (vii) Australia (viii)Bangladesh   1. Benin 2. Indonesia 3. Iran (xii)Ivory Coast (xiii)Nigeria (xiv)Myanmar   (xv)Thailand (xvi)Vietnam | Nil | Free from quarantine weed seeds |
| 332. | *Hieracium pilosella* | Germplasm material for research only | 1. Australia 2. Brazil 3. Czech   Republic   1. Kenya 2. Romania 3. Syria | Free from *Ditylenchus dipsaci* | Free from quarantine weed seeds |
| Whole plant (dried) (except seeds) for processing | Any country | Free from *Ditylenchus dipsaci* (stem and bulb nematode) | Fumigation with Methyl bromide @ 32 g/m3 at @ 210C and above or equivalent thereof under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant  Protection Adviser. |

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| 333. | *Hoordia* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 334. | *Hordeum* spp. (Barley) | (i) Seeds for sowing | Any Country | Free from:   1. Glume rot (*Pseudomonas syringe* pv.   *atrofaciens*)   1. Barley Stripe mosaic (Hordeivirus) 2. Ergot (*Claviceps purpurea*) 3. Granary weevil (*Sitophilus granarius*) | 1. Free from quarantine weeds. 2. Import subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture. |
| (ii) Grains for consumption | Any Country | Free from :   1. Ergot (*Claviceps purpurea*) 2. Granary weevil (*Sitophilus granarius*) | Fumigation with Methyl bromide @ 32 g/m3 @ 210C and above for 24 hrs under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the  Plant Protection Adviser. |
| (iii) Grains for malting | Any Country | Free from:   1. Ergot (*Claviceps purpurea*) 2. Granary weevil (*Sitophilus granarius*) | Fumigation with Methyl Bromide @ 32 g/m3 at 210C or above under NAP or Fumigation with Aluminium Phosphide @  9 g/metric tonne (in case of import in bulk) with an exposure period of 21 days and either of the above treatment is to be endorsed on the Phytosanitary  Certificate . |
| 335. | *Hosta* spp. | Tissue cultured plants | (i) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Impatiens necrotic spot virus 2. Tomato ring spot virus 3. Hosta virus X | Nil |
| (ii) Any country except USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from hosta virus X | Nil |
| 336. | *Howea* spp*.* | (i) Seeds for sowing | Any country | Nil | Free from quarantine weeds seeds |
| (ii) Plants for propagation | Any country (Except from Africa, America  and Caribbean countries) | Free from Palm lethal yellowing phytoplasma | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10-12 months |

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| 337. | *Humulus* spp. (Hops) | (i) Cuttings (rooted/ un- rooted)/ saplings | Any Country | Free from:   1. Downy mildew (*Pseudoperonospora humuli*) 2. Hops cyst nematode (*Heterodera humuli*) 3. Hop viruses | 1. Post-entry quarantine for a period of 6 months. 2. Free from soil. |
| (ii) Dried flower cones (hops) in bales for industrial processing | Any Country | Free from:  Hops cyst nematode (*Heterodera humuli*) | 1. Heat treatment at 630C for 6 hrs. 2. The refuge collected from the Mill and the jute bags that are   used for packing should be destroyed by incineration |
| 338. | *Hydrangea* spp. | Tissue cultured plants | (i) Columbia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Hydrangea ring spot virus 2. Hydrangea latent virus 3. Tomato ring spot virus | Nil |
| (ii) Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tomato ring spot virus 2. Hydrangea latent virus 3. Hydrangea ring spot virus | Nil |
| (iii) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Hydrangea mosaic virus 2. Hydrangea ring spot virus 3. Tomato ring spot virus | Nil |
| 1. USA 2. Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Tomato spotted wilt virus 2. Tomato ring spot virus 3. Hydrangea ring spot virus | Nil |
| (v) Any country except Columbia, Canada, UK,  USA, Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Hydrangea ring spot virus 2. Tomato ring spot virus | Nil |
| 339. | *Hydrastic Canadensis* | Seeds for sowing | 1. Europe 2. USA 3. Canada | Nil | Free from quarantine weed seeds and soil contamination. |
| 340. | *Hygrophila polysperma* | (i) Plants for propagation | Japan | Nil | 1. Free from soil and other plant debris. 2. Post-entry quarantine for a period of 60 days. |
| (ii) Tissue culture plants | Japan | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from  any virus. | Nil |

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| 341. | *Hylocereus undatus*  (Dragon fruit) | (i) Fresh fruit for consumption | 1. Sri Lanka 2. Thailand | Nil | Free from soil. |
| (iii) Vietnam | Nil | Nil |
| (ii) Stems/ cuttings / Plant for propagation | Malaysia | Nil | 1. Free from soil. 2. Post-entry quarantine for a period 6 to 9 months. |
| (iii)Plants for propagation | Thailand | Nil | 1. Post-entry quarantine growing for a period of 10-12 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture,   Cooperation and Farmers Welfare |
| 342. | *Hypericum* spp. | Seeds for sowing | 1. Asia 2. Europe 3. USA | Nil | Free from quarantine weed seeds. |
| 343. | *Hypericum perforatum* | Plants/cuttings for propagation | Netherlands | Nil | 1. Free from soil. 2. Post-entry quarantine for a growing period of 6-9   months. |
| 344. | *Hyphaene* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Any country | Nil | 1. Free from soil 2. Post-entry quarantine growing for a period of 10-12 months. |
| 345. | *Hypnum curvifolium*  (Hypnum Moss/ Green Moss) | Moss for consumption/ processing | Any country | Nil | 1. Import Permit should be obtained from Plant Protection Adviser to the Government of India,   Faridabad   1. Free from soil, grain and weed seeds. 2. Steam sterilized for 30 min. |
| 346. | *Hypocalymma robustum* | Tissue culture plants | Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 347. | *Hypoestes* spp*.* | Seed for sowing | Netherlands, Denmark and  Germany | Nil | Free from quarantine weeds seeds and soil. |
| 348. | *Hypolaena* spp. | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus | Nil |

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| 349. | *Iberis* spp. (Candytuft) | Seeds for sowing | 1. Asia 2. Europe 3. USA | Nil | Free from quarantine weed seeds. |
| 350. | *Icacinaceae*  (Nothapodytes roots) | Dried roots for consumption  purpose | China | Nil | Free from soil and other plant debris. |
| 351. | *Illicium verum*  (Star Aniseed) | Seeds for sowing | China | Nil | Free from quarantine weed seeds. |
| 352. | *Impatiens* spp. (Impatiens) | Seeds for sowing | (i) Denmark | Free from *Phyllosticta impatiens* | Free from quarantine weed seeds. |
| (ii) Europe | Free from:   1. Tomato ring spot virus 2. Tomato aspermy virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for Free from tomato ring spot virus and   tomato aspermy virus |
| (iii) USA | Free from Impatiens necrotic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for Free from impatiens necrotic virus. |
| (iv) Japan   1. Taiwan 2. Australia | Nil | Free from quarantine weed seeds. |
| (vi) Guatemala | Nil | Free from quarantine weed seeds and soil. |
| (i) Plants for propagation | (i) USA | Free from:   1. *Frankliniella occidentalis* (western flower thrips) 2. *Hercinothrips femoralis* (banded greenhouse thrips) 3. *Otiorhynchus sulcatus* (vine weevil) 4. *Phytonemus pallidus* (strawberry mite) 5. *Rhizobium rhizogenes* 6. Clover yellow vein virus (CYVV) 7. Impatiens necrotic spot virus (TSWV-I) | 1. Free from soil. 2. Post-entry quarantine for a period of 45 days. |
| (ii) The Netherlands | Free from:   1. *Frankliniella occidentalis* (western flower thrips) 2. Otiorhynchus sulcatus (vine weevil) 3. *Phytonemus pallidus* (strawberry mite) 4. Clover yellow vein virus (CYVV) 5. Impatiens necrotic spot virus (TSWV-I) | 1. Free from soil. 2. Post-entry quarantine for a period of 45 days. |
| (ii) Tissue cultured plants | 1. USA 2. The Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from clover yellow vein virus (CYVV) and  impatiens necrotic spot virus (TSWV-I) viruses. | Nil |

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| 353. | *Imperata cylindrica* | Wood with/without bark | Indonesia | Nil | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-  export. |
| 354. | *Indigofera hirsuta* (Hairy indigo)/ *Indigofera* spp. | Seeds for sowing | Kenya | Nil | Free from soil. and quarantine weed seeds |
| 355. | *Inga edulis* | (i) Plants for propagation | Australia, Thailand, USA | Nil | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. (iii)Commercial imports subject to   prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (ii) Plants/cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare   (ii) Post-entry quarantine for a growing period of 3-4 months. |
| 356. | *Inula L.*  (Pushkaramoola) | Dried plant material  for medicinal use | China | Nil | Free from quarantine weed seeds |
| 357. | *Ipomoea* spp. | (i) Seeds for sowing | 1. Netherlands 2. France 3. Germany 4. Taiwan 5. Japan 6. UK 7. Thailand 8. Guatemala | Nil | Free from quarantine weed seeds and soil. |
| (ii) Rhizomes for propagation | 1. Germany 2. Netherlands 3. France | Free from:   1. *Ditylenchus destructor* (potato tuber nematode) 2. *Ditylenchus dipsaci* (brown ring disease of hyacinth) | 1. Free from soil. 2. Post-entry quarantine for one growth season. |

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|  |  | (iii) Plants for propagation | (i) USA | Free from:   1. *Frankliniella occidentalis* (western flower thrips) 2. *Hercinothrips femoralis* (banded greenhouse thrips) 3. *Otiorhynchus sulcatus* (vine weevil) 4. *Phytonemus pallidus* (strawberry mite) 5. *Rhizobium rhizogenes* 6. Clover yellow vein virus (CYVV) 7. Impatiens necrotic spot virus (TSWV-I) | 1. Free from soil. 2. Post-entry quarantine for a period of 45 days. |
| (ii) The Netherlands | Free from:   1. *Frankliniella occidentalis* (western flower thrips) 2. Otiorhynchus sulcatus (vine weevil) 3. *Phytonemus pallidus* (strawberry mite) 4. Clover yellow vein virus (CYVV) 5. Impatiens necrotic spot virus (TSWV-I) | 1. Free from soil. 2. Post-entry quarantine for a period of 45 days. |
| (iv) Tissue cultured plants | 1. USA 2. The Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from clover yellow vein virus (CYVV) and impatiens necrotic spot virus (TSWV-I) viruses. | Nil |
| 358. | *Iris germanica* | (i) Dry roots for consumption purpose | Morocco, China | Nil | Free from soil and other plant debris. |
| 359. | *Iris pallida* | (i) Dry roots for  consumption purpose | Italy | Nil | Free from soil and other plant debris. |
| 360. | *Irvingia gabonensis* | Seeds for consumption/ processing | West Africa | Nil | Free from quarantine weed seeds, soil and other plant debris. |
| 361. | *Ixodia achilleoides*  (daisy) | Dry flowers for  decoration | Australia | Nil; | Free from quarantine weeds seeds and soil |
| 362. | *Ixora* spp. (Ixora) | Plants/ cuttings  for propagation | Asia | Nil | Post-entry quarantine for a period of 45 days. |
| 363. | *Jatropha curcas* | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | (i) USA | Free from:   1. *Diaprepes abbreviatus* (citrus weevil) 2. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 3. *Armillaria tabescens* (armillaria root rot) | Post-entry quarantine growing for a period of 45 days |
| (ii) Europe | Nil | Post-entry quarantine growing for  a period of 45 days |
| (iii) Tissue cultured plants | Any Country | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from  viruses | Nil |

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|  |  | (iv) Plants/ cuttings for propagation | Singapore | Free from:  *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) | 1. Free from soil 2. Post-entry quarantine for a period of 45 days. |
| 364. | *Jessenia* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Any Country | Nil | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10-12 months. |
| 365. | *Juglans* spp. (Walnut) | (i) Wood with/ without bark | (i) USA | Free from:   1. *Hyphantria cunea* (Blackheaded webworm) 2. *Popillia japonica* (Japanese beetle) 3. *Xyleborus affinis* (Shot-hole borer of sugarcane) 4. *Xylosandrus germanus* (Smaller alnus bark beetle) 5. *Zeuzera pyrina* (moth, wood leopard) 6. *Rhizobium rhizogenes* (bacterial gall) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary certificate issued at the Country of origin/re-export. |
| (ii) Europe | Free from *Apomyelois ceratoniae* (Carob, moth) | Fumigation with Methyl bromide at 48 g/m3 or 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed  on Phytosanitary certificate issued at the Country of origin/re-export. |
| (iii) North America except USA | Nil | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary certificate issued at the Country of origin/re-export. |
| (ii) Dry fruits for consumption (shelled and unshelled) | (i)USA | Free from:   1. *Acrobasis nuxvorella* (pecan nut casebearer) 2. *Amyelois transitella* (navel orange worm) 3. *Curculio caryae* (pecan weevil) 4. *Cydia caryana* (hickory shuckworm) 5. *Brenneria rubrifaciens* (deep bark canker of walnut) 6. *Brenneria nigrifluens* (shallow bark canker) | Fumigation with Methyl bromide at 16 g/m3 for 24 hrs at 210C 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. |

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|  |  |  | (ii) Chile | Free from:  *Pantomorus cervinus* (Fuller's rose beetle) | Fumigation with Aluminium Phosphide (ALP) @ 9 g/metric ton for minimum 5-7 days.  The treatment should be endorsed on Phytosanitary certificate issued at the Country of origin/re-export. |
| (iii) Afghanistan | Free from:  *Erschoviella musculana* (Asian walnut moth) | Fumigation with Methyl bromide at 16 g/m3 for 24 hrs at 210C and above under NAP or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose.  The treatment should be endorsed  on Phytosanitary certificate issued at the Country of origin/re-export. |
| (iv) Ukraine | Free from:  *Erschoviella musculana* (Asian walnut moth) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof **or** Fumigation with Aluminium Phosphide (ALP) @ 9 g/metric ton for minimum 5-7 days.  The treatment should be endorsed on Phytosanitary certificate issued  at the Country of origin/re-export. |
| (v) Uzbekistan | Free from:  *Erschoviella musculana* (Asian walnut moth) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof **Or** Fumigation with Aluminium Phosphide (ALP) @ 9 g/metric ton for minimum 5-7 days.  The treatment should be endorsed on Phytosanitary certificate issued  at the Country of origin/re-export. |
| (vi) Kyrgyzstan | Free from:   1. *Erschoviella musculana* (Asian walnutmoth) 2. *Cydia pomonella* (walnut worm) 3. *Ophiognomonia leptostyla* (walnutanthracnose) | Fumigation with Methyl Bromide at 48 g/m3for 24 hrs at 210C and above or equivalent thereof. **Or** Fumigation with Aluminium Phosphide (ALP) @ 9 g/metric ton for minimum 5-7 days.  The treatment should be endorsed on Phytosanitary certificate issued  at the Country of origin/re-export. |
|  |  |  | (vii) Australia | Free from:  (a) *Cydia pomonella* (Codling moth) | Methyl bromide fumigation @ 16 g/m3 for 24 hrs at 210C and |

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|  |  |  |  |  | above.  The treatment shall be endorsed on Phytosanitary Certificate issued at the country of  origin/re-export. |
| 366. | *Juniperus sabina*  (Sabina) | Seeds for sowing | 1. Europe 2. USA 3. Canada | Nil | Free from quarantine weed seeds and soil contamination. |
| 367. | *Kalanchoe spp.* | Tissue cultured plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  virus. | Nil |
| 368. | *Kalmia* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 369. | *Khaya ivorensis*  (Khaya) | Timber logs with/ without bark | Africa | Free from:   1. *Cledus obesus* 2. *Gyroptera robertsi* 3. *Hypsipyla robusta* 4. *Catopyla dysorphnaea* | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof under NAP and the treatment to be endorsedon Phytosanitary certificate  or by any other fumigant/substance in manner approved by the Plant  Protection Adviser. |
| 370. | *Khaya senegalensis*  (African mahogany) | (i) Seeds for sowing | Africa | Nil | Free from quarantine weed seeds. |
| (ii) Wood with/ without bark | (i)Australia | Nil | Free from quarantine weeds seeds and soil contamination. |
| 371. | *Kochia* spp. (Kochia) | Seeds for sowing | 1. Asia 2. Europe 3. USA | Nil | Free from quarantine weed seeds. |
| 372. | *Lactuca sativa*  (Lettuce) | (i) Fresh vegetable for consumption | Thailand | Nil | Free from soil. |
| (ii) Seeds for sowing | (i) Denmark | Free from :   1. *Pythium tracheiphilum* (bottom rot of lettuce) 2. Arabis mosaic virus 3. Tobacco rattle virus 4. *Lolium multiflorum* | 1. Free from soil contamination 2. Seed crop inspection and certification for free from (b) and (c) by a competent authority at the country of   origin. |
| (ii) Italy | Free from:   1. *Pyrenochaeta lycopersici* (brown rot of tomato) 2. *Sclerotinia minor* (Sclerotinia disease of lettuce) 3. *Xanthomonas axonopodis pv. vitians* (leaf spot) 4. Arabis mosaic virus 5. Impatiens necrotic spot virus 6. Lettuce big vein virus 7. Tobacco rattle virus 8. Tomato infectious chlorosis virus 9. *Lolium multiflorum* | 1. Free from soil contamination 2. Seed crop inspection and certification for free from (c) to (h) by a competent authority at the country of origin |

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|  |  |  | (iii) Netherlands | Free from :   1. *Mycocentrospora acerina* (anthracnose of caraway) 2. Arabis mosaic virus 3. Impatiens necrotic spot virus 4. Lettuce big vein virus 5. Tobacco rattle virus 6. *Lolium multiflorum* | 1. Free from soil contamination 2. Seed crop inspection and certification for Free from (b) to (e) by a competent authority at the country of origin |
| (iv) USA | Free from:   1. *Pyrenochaeta lycopersici* (brown rot of tomato) 2. *Sclerotinia minor* (Sclerotinia disease of lettuce) 3. *Xanthomonas axonopodis pv. vitians* (leaf spot) 4. Biden mottle virus 5. Impatiens necrotic spot virus 6. Lettuce big vein virus 7. Lettuce infectious yellow virus 8. Tobacco rattle virus 9. Tomato infectious chlorosis virus 10. *Brachiaria plantiginea* 11. *Lolium multiflorum* | 1. Free from soil contamination 2. Seed crop inspection and certification for Free from (c) to (i) by a competent authority at the country of origin |
| (v) France | Free from Arabis mosaic virus (hop barebine) | 1. Free from quarantine weed seeds 2. Crop inspection and certification for free from   Arabis mosaic virus (hop barebine) |
| (vi) China | Free from:   1. *Peridroma saucia* (pearly underwing moth) 2. *Sclerotinia minor* (sclerotinia disease of lettuce) (c ) *Rhizobium rhizogenes* (gall)   (d) *Lolium multiflorum* (Italian ryegrass) Australia | 1. Free from quarantine weeds seeds and soil contamination. 2. Fumigation with phosphine @ 3 g/m3 at NAP.   The treatment should be endorsed on Phytosanitary  certificate issued at the Country of origin/re-export. |
| (vii) Australia | Free from:   1. *Chrysodeixis includens* (soybean looper) 2. *Deroceras reticulatum* (grey field slug) 3. *Sclerotinia minor* (sclerotinia disease of lettuce) 4. *Pseudomonas syringae pv. tagetis* (bacterial:   *Tagetes* spp. leaf spot)   1. *Rhizobium rhizogenes* (gall) 2. *Arabis mosaic virus* (hop bare-bine) 3. *Lolium multiflorum* (Italian ryegrass) | 1. Free from quarantine weed seeds and soil contamination. 2. Fumigation with phosphine @ 3 g/m3 at NAP.   The treatment should be endorsed on Phytosanitary certificate issued at the Country  of origin/re-export. |

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|  |  |  |  | (h) *Orobanche minor* (common broomrape) |  |
| (viii) Philippines | Free from:   1. *Helix aspersa* (common snail) 2. *Lolium multiflorum* (Italian ryegrass) | Free from quarantine weed seeds and soil. |
| (ix) Thailand | Nil | Free from quarantine weed seeds  and soil. |
| (x) Israel | Free from:-   1. *Peridroma saucia* (pearly underwing moth) 2. *Orobanche minor* (common broomrape | Free from quarantine weeds seeds and soil. |
| (iii) Raw Iceberg Lettuce for consumption leaves of lettuce) | (i) Lebanon | Free from:   1. *Chrysodeixis chalcites* (golden twin-spot moth) 2. *Henosepilachna elaterii* (melon (ladybird) beetle) 3. *Liriomyza huidobrensis* (serpentine leafminer) 4. *Nasonovia ribisnigri* (currant-lettuce aphid) 5. *Spodoptera littoralis* (cotton leafworm) 6. *Helix aspersa* (common snail) 7. Beet western yellows virus (turnip(mild) yellows) | 1. Free from soil and other plant debris. 2. Fumigation with Methyl bromide @ 32 g/m3 for 2½ hrs at 210C and above under NAP and the treatment to be endorsed on Phytosanitary Certificate. |
| (ii) Egypt | Free from:   1. *Bemisia tabaci* (B biotype) (silverleaf whitefly) 2. *Chrysodeixis chalcites* (golden twin-spot moth) (c)*Henosepilachna elaterii* (melon (ladybird) beetle) 3. *Spodoptera littoralis* (cotton leafworm) 4. *Helix aspersa* (common snail) (f)*Phytophthora cryptogea* (tomato foot rot) | 1. Free from soil and other plant debris. 2. Fumigation with Methyl bromide @ 32 g/m3 for 2½ hrs. at 210C and above under NAP and the treatment to be   endorsed on Phytosanitary Certificate. |
| 373. | *Lagenaria siceraria*  (Bottle gourd) | Seeds for sowing | 1. Thailand 2. Vietnam 3. Italy 4. Philippines 5. Korea DPR 6. Korea ROK 7. Taiwan | Nil | Free from quarantine weed seeds. |
| (vii) Japan | Free from *Fusarium oxysporum f.sp. lagenariae*  (bottle gourd wilt) | Free from quarantine weed seeds. |
| (viii) Indonesia | Nil | Free from quarantine weed seeds and soil contamination. |
| 374. | *Lagerstroemia* spp. | Seeds for sowing | Taiwan | Nil | Free from quarantine weed seeds. |

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| 375. | *Lansium domesticum* | (i) Plants for propagation | Australia, USA, Thailand | Nil | 1. Post-entry quarantine growing for a period of 4-6 months. 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers   Welfare. |
| 376. | *Laportea* spp.  (Laportea) | Whole plants (dried)  for consumption | Pakistan | Nil | Free from quarantine weed seeds. |
| 377. | *Larrea tridentate*  (Chaparral) | Dried plants for consumption purpose | Mexico | Free from *Heterodera schachtii* (beet cyst eelworm) | 1. Free from soil contamination and other plant debris. 2. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the   country of origin or re- export. |
| 378. | *Latania* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds |
| (ii) Plants for propagation | Any country (Except from Africa, Caribbean, Philippines and Soloman Island  countries) | Free from:-   1. Coconut cadang cadang viroid 2. Palm lethal yellowing phytoplasma | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10-12 months. |
| 379. | *Lathyrus* spp. (Sweet pea) | Seeds for sowing | 1. USA 2. France 3. Japan 4. Germany 5. Netherlands 6. Denmark 7. Australia | Nil | Free from quarantine weed seeds. |
| (i) UK | Free from:   1. *Bruchus rufipes* 2. *B. tristis* | Free from quarantine weed seeds |

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|  |  |  | (ii) Syria (ICARDA) | Free from: (a)*Bruchidius jocosus* (b)*Bruchus rufimanus* (c)*B. rufipes*   1. *B. tristiculus* 2. *B. tristis* | Free from quarantine weed seeds |
| 380. | *Lawsonia inermis* | (i) Dried leaves and its powder for consumption/ processing | (i) Egypt | Nil | Free from soil and other plant debris. |
| (ii) Dried leaves for consumption/ processing | (i) Pakistan | Nil | Free from soil and other plant debris |
| 381. | *Lens* spp. | Seeds for sowing | Syria (ICARDA) | Free from:  (a)*Acanthoscelides obtectus* (b)*Bruchidius algiricus* (c)*Bruchus atomarius* (d)*Bruchus ervi*   1. *Bruchus loti* 2. *Bruchus luteicornis* 3. *Bruchus rufimanus* 4. *Bruchus rufipes* 5. *Bruchus signaticornis* 6. *Bruchus tristiculus* 7. *Bruchus tristis* 8. *Bruchus ulicis ulicis* 9. *Ditylenchus dipsaci* 10. *Heterodera glycines* | 1. Freedom from quarantine weed seeds 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| 382. | *Lens culinaris*  (Lentils) | Grain (seed) for consumption | 1. Australia 2. Canada 3. China 4. Iran 5. USA | Free from *Ditylenchus dipsaci* (stem and bulb nematode) | 1. Free from soil contamination 2. Fumigation by Methyl bromide at 32 g/m3 for 24 hrs at 210C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export. |
| 1. Nepal 2. Tanzania 3. Myanmar | Nil |
| (ix) Turkey | Free from :   1. *Bruchus lentis* 2. *Ditylenchus dipsaci* (stem and bulb nematode) |
| (x) Chile | Free from :  *Ditylenchus dipsaci* (stem and bulb nematode) | 1. Free from quarantine weeds seeds and soil contamination. 2. Methyl bromide fumigation @ 32 g/m3 for 24 hrs at 210C or any other treatment   approved by the Plant |

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|  |  |  |  |  | Protection Adviser to the Govt. of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the  Country of origin/re-export. |
| Seeds for sowing | Pakistan | Free from *Ditylenchus dipsaci* (stem and bulb  nematode) | Free from soil and quarantine weed seeds |
| 383. | *Lepidosperma* spp. | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus | Nil |
| 384. | *Lepidosperma gladiatum* | Tissue culture plants | Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from  any virus | Nil |
| 385. | *Leucadendron spp.* | (i) Plants/cuttings for propagation | 1. USA 2. Israel | Nil | 1. Post-entry quarantine for a period of 6 months. 2. Free from soil. |
| (ii) Plants for propagation | South Africa | Nil | 1. Post-entry quarantine for a period of 6 months. 2. Free from soil. |
| 386. | *Leucaena leuccoephala*  (Leucaena) | Seeds for sowing | Kenya | Nil | Free from soil and quarantine weed seeds |
| 387. | *Leucana leucocephala/*  *L. glauca (Subabul)* | Seeds for sowing | 1. Australia 2. Kenya | Nil | Free from quarantine weed seeds. |
| (iii) Honduras | Free from *Stator pruininus* |
| 388. | *Leucojum* spp. (Snowflake) | Bulbs for propagation | 1. Europe 2. Asia | Nil | 1. Free from soil. 2. Post-entry quarantine for one growth season. |
| 389. | *Leucospermum spp.* | Plants/cuttings for propagation | (i) USA | Nil | 1. Post-entry quarantine for a period of 10 months. 2. Free from soil. |
| (ii) Israel | Nil | 1. Free from soil. 2. Post-entry quarantine for a growing period of 6 months. |
| 390. | *Levisticum officinale* | (i) Dry fruit for counsumtion purpose | Europe | Nil | Free from soil and other plant debris |
| 391. | *Libbertia* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  virus. | Nil |
| 392. | *Licuala grandis* | Seeds for sowing | Any country | Nil | Free from quarantine weeds seeds and soil contamination. |
| 393. | *Limonium* spp. (Limonium/ Statice) | (i) Seeds for sowing | 1. Europe 2. USA 3. Australia | Nil | Free from quarantine weed seeds. |

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|  |  |  | (iii) Japan | Free from *Burkholderia andropogonis* | Free from quarantine weed seeds. |
| (ii) Plants for propagation | (i) Europe | Free from :   1. Impatiens necrotic spot virus 2. Limonium yellow vein virus | Post-entry quarantine growing for a period of 45 days. |
| (ii) Netherlands | Free from:   1. *Frankliniella occidentalis* (Western flower thrips) 2. *Phytophthora cryptogea* (Tomato foot rot) 3. clover yellow vein virus | Post-entry quarantine growing for 45 days period. |
| (iii) USA | Free from:   1. *Frankliniella occidentalis* (western flower thrips) 2. *Phytophthora cryptogea* (tomato foot rot) 3. Clover yellow vein virus 4. Tobacco rattle virus 5. Impatiens necrotic spot virus | Post-entry quarantine growing for a period of 45 days. |
| (iii) Tissue cultured plants | (i) Columbia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from statice virus Y. | Nil |
| (ii) Czech Republic | Certified that the tissue cultured plants were obtained from mother stock tested and maintained  free from broad bean wilt virus. | Nil |
| (iii) Europe | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Impatiens necrotic spot virus 2. Limonium yellow vein virus | Nil |
| (iv) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Cucumber mosaic cucumovirus 2. Turnip mosaic virus 3. Statice virus Y | Nil |
| (v) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Cucumber mosaic cucumovirus 2. Clover yellow vein virus | Nil |
| 1. Japan 2. Salento | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tomato spotted wilt virus 2. *Burkholderia andropogonis* (bacterial leaf stripe of sorghum and corn) 3. Clover yellow vein virus | Nil |

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|  |  |  | (viii) Lithuania | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato ring spot virus | Nil |
| (ix) Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. clover yellow vein virus 2. Tomato bushy stunt virus | Nil |
| (x) Spain | Certified that the tissue cultured plants were  obtained from mother stock tested and maintained free from clover yellow vein virus | Nil |
| (xi) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Tobacco rattle virus 2. Impatiens necrotic spot virus | Nil |
| (xii) Any country except Germany, Italy, Czech Republic, Spain, Netherlands, Europe, USA, Lithuania, Silento, Japan,  Columbia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 394. | *Limonia acidissima*  (Wood apple) | Fresh fruit for  consumption | Sri Lanka | Nil | Free from soil. |
| Seeds for sowing | 1. Indonesia 2. Malaysia 3. Mauritius 4. New Zealand 5. Philippines 6. Sri Lanka 7. Thailand (viii)USA | Nil | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| 395. | *Linaria* spp. | Seeds for sowing | Europe | Nil | Free from quarantine weeds seeds. |
| 396. | *Linum* spp. (Flax) | (i) Seeds for sowing | 1. Asia 2. Europe | Nil | 1. Imports permitted subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Free from quarantine weed seeds. |

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|  |  |  | (iii) USA | Free from:   1. *Colletotrichum linicola* (Anthracnose) 2. *Fumaria officinalis* (Common fumitory) | 1. Commercial imports permitted subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Free from quarantine weed seeds. |
| (ii) Seeds for consumption | (iv) Nepal | Nil | Free from quarantine weed seeds. |
| 397. | *Liquidambar styraciflua* | (i) Timber logs with/ without bark for consumption | (i) Australia | Nil | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| (ii) USA | Free from:   1. *Hyphantria cunea* (Mulberry moth) 2. *Malacosoma americanum* (Eastern tent caterpillar) 3. *Malacosoma disstria* (Forest tent caterpillar) 4. *Orgyia leucostigma* (White-marked tussock moth) 5. *Armillaria tabescens* (armillaria root rot) | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued  at the Country of Origin/re-export |
| 398. | *Liriodendron tulipifera* | (i) Timber logs with/ without bark for consumption | (i) Australia | Nil | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |

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|  |  |  | (ii) USA | Free from:   1. *Anoplophora glabripennis* (Asian longhorned beetle) 2. *Orgyia leucostigma* (white-marked tussock moth) 3. *Papilio canadensis*(tiger swallowtail) | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above or equivalent there of or heat treatment at 560C (core temperature) for 30 Minutes or any other treatment approved by the Plant Protection Adviser to the Government of India  The treatment should be endorsed on Phytosanitary Certificate issued  at the Country of Origin/re-export. |
| 399. | *Litchi chinensis*  (Litchi) | Stem Cuttings/ rooted plants for propagation | (i) Australia | Free from:   1. *Carpophilus mutilates* 2. *Epiphyas postvittana* (apple moth) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month except for research. |
| (ii) China | Free from:   1. *Ceroplastes pseudoceriferus* (horned wax scale) 2. *Peronophythora litchi* (downy blossom blight) |
| (iii) Thailand | Free from:   1. *Conopomorpha sinensis* 2. *Cossus* sp. (carpenter moths) 3. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) |
| 400. | *Litchi chinensis* and subsp.  *philippinensis*  (Litchi) | (i)Cuttings/ plants for propagation | 1. Madagascar 2. Vietnam | Nil | 1. Free from soil. 2. Post-entry quarantine growing for a period of 6-9 months except for research. 3. Commercial imports subject to prior approval of Department of Agriculture,   Cooperation and Farmers Welfare |
| (ii) Fresh fruits for consumption | Thailand | Free from:   1. *Conopomorpha sinensis* 2. *Pseudococcus jackbeardslyi* (Jack beardsley mealybug) | Free from soil. |
| 401. | *Livistona sp.* | (i) Seeds for sowing | Any country (Except from Philippines and  Soloman Island) | Free from Coconut cadang-cadang viroid | Free from quarantine weeds seeds. |
| (ii) Plants for propagation | Any country (Except from Africa, America, Philippines, Caribbean and Soloman Island  countries) | Free from:   1. Coconut cadang-cadang viroid 2. Palm lethal yellowing phytoplasma 3. *Promecotheca caerulipennis* (Fiji coconut hispid) | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10-12 months. |

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| 402. | *Lobelia* spp. | (i) Seeds for sowing | 1. France 2. UK 3. Germany 4. Netherlands 5. USA 6. Denmark | Nil | Free from quarantine weed seeds. |
| (ii) Tissue culture plants | The Netherlands | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 403. | *Lolium multiflorum*  (Italian ryegrass) | Seeds for sowing | (i) Japan | Free from:   1. *Monographella nivalis* 2. *Nectria radicicola (c)Burkholderia glumae* 3. *Burkholderia plantarii* 4. *Pseudomonas syringae* pv. *atropurpurea* 5. *Pseudomonas syringae* pv. *coronafaciens* (halo blight) | Free from soil and quarantine weed seeds |
|  | (ii) USA | Free from:   1. *Gloetinia granigena* (blind seed disease: grasses) 2. *Monographella nivalis* (foot rot of cereals) 3. *Pseudomonas syringae* pv. *atropurpurea* 4. *Pseudomonas syringae* pv. *coronafaciens* (halo blight) 5. *Xylella fastidiosa* (Pierce‟s disease of grapevines) | Free from soil and quarantine weed seeds |
| 404. | *Lolium perenne* (Perennial ryegrass) | Seeds for sowing | USA | Free from:   1. *Anguina agrostis* (bentgrass nematode) 2. *Fusarium ulmorum* (culm rot:cereals) 3. *Gloeotinia granigena* (blind seed disease: grasses) 4. *Monographella nivalis (*foot rot: cereals) 5. *Pseudomonas syingae pv. Coronafaciens*   (chocolate spot of maize) | Free from quarantine weed seeds. |
| 405. | *Lomandra spp.* | Tissue culture plants | Australia | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from viruses | Nil |
| 406. | *Lorapatulum* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  virus. | Nil |
| 407. | *Lotus* spp. (Lotus) | (i) Bulbs for sowing | (i) Any country  except USA | Nil | 1. Free from soil. 2. Post-entry quarantine for a period of 45 days. |
| (ii) USA | Free from Tomato ring spot virus (Ring spot of  tomato) |
| (ii) Grains (seeds)  for consumption | Pakistan | Free from Tomato ring spot virus | Free from quarantine weed seeds. |

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| 408. | *Loxocarya* spp. | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from any virus | Nil |
| 409. | *Ludwigia arcuata* | (i) Plants for propagation | Japan | Nil | 1. Free from soil and other plant debris. 2. Post-entry quarantine for a period of 60 days. |
| (ii) Tissue culture plants | Japan | Certified that the tissue culture plants were obtainedfrom mother stock tested and maintained free  from any virus. | Nil |
| 410. | *Luffa acutangula*  (Ridge gourd) | Seeds for sowing | 1. Taiwan 2. Thailand 3. Vietnam 4. China 5. Philippines 6. Indonesia | Nil | Free from quarantine weed seeds and soil contamination**.** |
| 411. | *Luffa aegyptiaca*  (Sponge gourd) | Seeds for sowing | 1. Thailand 2. Vietnam 3. Philippines 4. Hongkong 5. Taiwan | Nil | Free from quarantine weed seeds. |
| (v) China | Free from Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds 2. Cropinspection and certification for free from zucchini yellow mosaic virus |
| 412. | *Lupinus* spp. (Lupinus) | (i)Seeds for sowing | (i) USA | Free from:   1. *Fusarium oxysporum f.sp. phaseoli* (Wilt of bean) 2. *Phomopsis longicolla* (Phomopsis seed decay) 3. *Phytophthora sojae* (Phytophthora root and stem rot) 4. *Pseudomonas viridiflava* (Bacterial leaf blight of tomato) | Free from quarantine weed seeds. |
| 1. Asia 2. Europe | Nil | Free from quarantine weed seeds. |
| (ii) Grains (splitted) for consumption | (i)Australia | Free from:   1. *Phomopsis longicolla* (Phomopsis seed decay) 2. *Phomopsis leptostromiformis* (Stem blight: lupin) 3. *Phytophthora sojae* (Phytophthora root and stem rot) | 1. Free from quarantine weeds seeds and soil contamination. 2. Fumigation by Methyl bromide at 32 g/m3 for 24 hrs at 210C or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the   treatment should be endorsed |

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|  |  |  |  |  | on Phytosanitary Certificate issued at the country of origin or re-export. |
| 413. | *Lupinus luteus, L. albus*  (Lupins) | Seeds for sowing | UK | Free from:   1. *Pleiochaeta setosa* (lupin leaf spot) 2. *Nectria radicicola* (black root) | Free from quarantine weed seeds. |
| 414. | *Lycopersicon esculentum*  (Tomato) | Seeds for sowing | Any Country | Free from:   1. Bacterial canker (*Clavibacter michiganensis* sub sp. *michiganensis*) 2. Bacterial leaf spot (*Pseudomonas syringae* pv.   *tomato*)   1. Bacterial pustule (*Pseudomonas syringae* pv.   *punctulens*)   1. Potato spindle tuber (viroid) 2. *Peronospora hyoscyami* pv. *Tabacina* 3. *Phoma andigena* 4. *Verticillium alboatrum* 5. *Clavibacter michiganensis* subsp. *Sepedonicus* 6. Pepino mosaic virus 7. Tomato aspermy virus 8. Tomato black ring virus 9. Tomato bushy stunt virus (m)Tomato ring spot virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from (i) to (m). |
| 415. | *Lycopersicon peruvianum*  (Tomato) | Seeds for sowing | Israel | Nil | Free from quarantine weed seeds. |
| 416. | *Lytocaryum spp* | (i) Seeds for sowing | Any country | Nil | Free from quarantine weeds seeds. |
| (ii) Plants for propagation | Any country | Nil | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10-12 months |
| 417. | *Lytocaryum weddellianum* | Seeds for sowing | Any country | Nil | Free from quarantine weeds seeds and soil contamination. |
| 418. | *Macadamia* spp. (Macadamia Nuts) | Nuts (seeds) for consumption | (i) Australia | Nil | 1. Fumigation with Methyl bromide at 32 g/m3for 24 hrs. at 210C and above or equivalent Or Heat treatment at 600C for 24 hrs or any other treatment duly approved by the Plant Protection Adviserto the Government of India.   The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.   1. Free from soil and quarantine weed seeds. |

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|  |  |  | (ii) Kenya | Free from:   1. *Cryptophlebia leucotreta* (false codling moth) 2. *Pseudotheraptus wayi (*coconut bug) | 1. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs. at 210C and above or equivalent Or Heat treatment at 600C for 24 hrs or any other treatment duly approved by the Plant Protection Adviser to the Government of India.   The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export.   1. Free from soil and quarantine weed seeds. |
| 419. | *Macadamia integrifolia*  (Macademia nut) | Nuts /Seeds for sowing | (i) Australia | Nil | 1. Free from soil and quarantine weed seeds 2. Commercial imports subject to prior approval of Department   of Agriculture, Cooperation and Farmers Welfare |
| (ii) Brazil | Free from *Hypothenemus obscurus* (tropical nut borer) |  |
| 420. | *Macadamia ternifolia*  (Macadamia nut) | Cuttings/ rooted plants for propagation | 1. Mauritius 2. New Zealand 3. Philippines 4. Thailand 5. Sri Lanka | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growingfor 6-9 month. |
| 1. Indonesia 2. Malaysia | Free from *Rhizobium rhizogenes* (bacterial gall) |
| (viii) USA | Free from:   1. *Hypothenemus obscurus* 2. *Xyleborus affinis* 3. *Armillaria tabesce*   (k) *Rhizobium rhizogenes* |
| 421. | *Macroptilium* (*Phaseolus*)  *lathyroides* (Phasey bean) | Seeds for sowing | Brazil | Free from *Phakopsora meibomiae* (soybean rust) | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department   of Agriculture, Cooperation and Farmers Welfare. |
| 422. | *Macroptilium lathyroides*/ *Phaseolus lathyroides/*  *Macroptilum atropur- pureum* (Phasey bean) | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |

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| 423. | *Magnolia* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 424. | *Mahonia aquifolium* | Seeds for sowing | 1. Europe 2. USA | Nil | Free from quarantine weed seeds  and soil contamination. |
| 425. | *Majorana* spp. | Seeds for sowing | Denmark | Nil | Free from quarantine weed seeds. |
| 426. | *Malva sylvestris* | Dried plants without seed for processing | Bulgaria | Free from:   1. *Puccinia malvacearum* (rust: hollyhock) 2. *Rhizobium rhizogenes* (gall) | 1. Free from soil. 2. Free from quarantine weed seeds. 3. Fumigation with Methyl bromide @ 48 g g/m3for 24 hrs at 210C and above or equivalent thereof under NAP at the country of origin and treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/or substance in the manner approved by the Plant Protection Adviser for this   purpose. |
| 427. | *Mandvillia spp.* | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtainedfrom mother stock tested and maintained free  from virus. | Nil |
| 428. | *Mangifera caesia* (Binjai),  *M. foetida* (Bachang),  *M. odorata* | Germplasm material for research only | 1. Brazil 2. Cuba 3. Nigeria 4. Vietnam | Nil | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 month except for research. |
| 429. | *Mangifera indica*  (Mango) | Cuttings/ grafts/  budwood/ rooted plants for propagation | (i) Brazil | Free from:   1. *Apate monachus* (black borer) 2. *Aspidiotus nerii* (aucuba scale) 3. *Asterolecanium pustulans* 4. *Atta* spp. (leaf cutting ants ) 5. *Crematogaster brevispinosa* 6. *Euschistus heros* 7. *Horiola picta* (cocoa podhopper) 8. *Hypothenemus eruditus*   (i) *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug)   1. *Rhynchophorus palmarum* 2. *Selenaspidus articulatus* 3. *Sclerotium coffeicola* 4. *Rhizobium rhizogenes* | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month. |

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|  |  |  | (ii) Cuba | Free from:   1. *Apate monachus* (black borer) 2. *Asterolecanium pustulans* 3. *Atta insularis* 4. *Diaprepes splengleri* 5. *Ischnaspis longirostris* 6. *Mycetaspis personata* 7. *Pachnaeus litus* 8. *Paracoccus marginatus* 9. *Protopulvinaria mangiferae* 10. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 11. *Rhynchophorus palmarum* 12. *Selenaspidus articulatus* (red scale) 13. *Vinsonia stellifera* (stellate scale) 14. *Oligonychus yothersi* (avocado mite) 15. *Cercospora mangiferae* (leaf spot) | 1. Free from soil 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month. |
| (iii) Niger | Free from:   1. *Apate monachus* (Black borer) 2. *Cryptophlebia leucotreta* 3. *Hoplolaimus pararobustus* (Lance nematode) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month. |
| (iv) Nigeria | Free from:   1. *Anoplocnemis curvipes* 2. *Apate monachus* (black borer) 3. *Aspidiotus nerii* (aucuba scale) 4. *Bathycoelia thalassina* 5. *Cryptophlebia leucotreta* 6. *Helopeltis schoutedeni* 7. *Pachnoda interrupta* (chafer beetle) 8. *Planococcoides njalensis* 9. *Scirtothrips aurantii* (citrus thrips) 10. *Selenaspidus articulatus* (red scale) 11. *Hoplolaimus pararobustus* | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month. |

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|  |  |  | (v) Thailand | Free from:   1. *Bactrocera papayae* (Papaya fruit fly) 2. *Coptotermus curvitnathus* (rubber termite) | 1. Pest free status for *Bactrocera papaya* as per international standards or Methyl bromide fumigation 32gm/cum for 2hrs for 210C or above @ NAP or equivalent thereof against *Bactrocera papayae.* The treatment shoud be endorsed on Phytosanitary Certificate issue at the country of origin. 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 4. Post-entry quarantine growing   for 6-9 months. |
| Fruits for consumption | (i) Malawi | Free From:   1. *Aspidiotus nerii* (Oleander scale) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Ceratitis cosyra* (Mango fruit fly) 4. *Ceratitis quinaria* (Five-spotted fruit fly) 5. *Ceratitis rosa* (Natal fruit fly) 6. *Clavigralla tomentosicollis* (African pod bug) 7. *Helopeltis scnoutedeni* (Cacao-mosquito) 8. *Scirtothrips aurantii* (South African citrus thrips) 9. *Thaumatotibia leucotreta* (False codling moth) | Hot water immersion treatment of fruits at 48oC for 60 to 75 minutes based on fruit size (upto 500 gm of fruit 60 minutes; 501-700 gm fruit 75 minutes) and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin / re-export |
| (ii) Nepal | Free from *Ceroplastes japonicus* (tortoise wax scale) | Fumigation with Methyl bromide at 32 g. per cubic meter for 2 hrs at 210C and above or equivalent thereof under NAP or any other treatment duly approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued  at the Country of origin/re-export. |

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|  |  |  | (iii) South Africa | Free from :   1. *Ceratitis capitata*(Mediterranean fruit fly) 2. *Ceratitis cosyra* (Mango fruit fly) 3. *Ceratitis punctata* (Cacao fruit fly) 4. *Ceratitis rosa* (Natal fruit fly) 5. *Clavigralla tomentosicollis* (African pod bug) 6. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 7. *Pseudotheraptus wayi* (Coconut bug) 8. *Selenaspidus articulates* (West Indian red scale) 9. *Thaumatotibia leucotreta* (False codling moth) | Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C and above or equivalent thereof under NAP or any other treatment duly approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re- export. |
| 430. | *Mangifera* spp.  (wild mango species) | Germplasm material for research only | (i) Myanmar | Free from:   1. *Plocaederus ruficornis* 2. *Raodiplosis orientalis* 3. *Rhytidodera simulans* 4. *Oligonychus mangiferus* | 1. Free from soil and quarantine weed seeds 2. Post-entry quarantine growing for 6-9 month. |
| (ii) Israel | Free from:   1. *Apate monachus* (black borer) 2. *Aspidiotus nerii* (aucuba scale) |
| (iii) Vietnam | Free from:   1. *Apoderus crenatus* 2. *Coptotermes* (termites) 3. *Euthalia aconthea* 4. *Olenecamptus bilobus* 5. *Plocaederus ruficornis* (bark borer) |
| 431. | *Manihot esculenta* | Dried chips of tuber for consumption | (i) Vietnam | Free from *Coptotermes* (termites) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at  the country of origin/re-export. |

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|  |  |  | (ii) Nigeria | Free from:   1. *Prostephanus truncatus* (larger grain borer) 2. *Armillaria heimii* (armillaria root rot) 3. *Scutellonema bradys* (yam nematode) | 1. Free from soil and other plant debris. 2. Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs.at 210C and above under NAP or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India.   The treatment should be endorsed on Phytosanitary  Certificate issued at the country of origin/ re-export. |
| 432. | *Matricaria* spp. | Seeds for sowing | UK | Nil | Free from quarantine weed seeds. |
| 433. | *Matricaria recutita* | Dried plants without seed for processing | Bulgaria | Free from *Xiphinema diversicaudatum* | 1. Free from soil. 2. Free from quarantine weed seeds. 3. Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP at the country of origin and treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for   this purpose. |
| 434. | *Matthiola* spp.  (Stock) | Seeds for sowing | Japan | Nil | Freedom from quarantine weeds seeds. |
| 435. | *Matthiola incana*  (Stock) | Seeds for sowing | (i) Denmark | Free from *Phoma matthiolicola* (Leaf spot) | Free from quarantine weed seeds. |
| (ii) USA | Free from:   1. *Fusarium oxysporum f.sp. matthiolae* (Wilt) 2. *Xanthomonas campestris p.v. raphani*   (Raphanus leaf spot)   1. *Xanthomonas campestris p.v. incanae* | Free from quarantine weed seeds. |
| (iii) Brazil | Free from *Xanthomonas campestris p.v. raphani*  (Raphanus leaf spot) | Free from quarantine weed seeds. |
| 1. South Afirca 2. Australia | Free from *Xanthomonas campestris p.v. incanae* | Free from quarantine weed seeds. |
| 1. France 2. UK 3. Germany | Nil | Free from quarantine weed seeds. |

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|  |  |  | (ix) Netherlands |  |  |
| 436. | *Medicago* spp. (Lucerne or Alfa alfa) | Seeds for sowing | Any Country | Free from:   1. Yellow leaf blotch (*Pyrenopeziza medicaginis*) 2. Sclerotinia wilt (*Sclerotinia trifoliorum*) 3. Bacterial wilt (*Corynebacterium michiganense*   pv. *insidiosum*)   1. Alfalfa cryptic virus. | 1. Free from quarantine weed seeds. 2. Commercial import subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| 437. | *Meeboldina* spp. | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free fromany virus | Nil |
| 438. | *Melia volkensii* (Melia) | Seeds for sowing | 1. Australia 2. Honduras 3. Kenya | Nil | Free from quarantine weed seeds. |
| 439. | *Melinis minutiflora*  (Molasses grass) | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 440. | *Mentha piperita* | Tissue culture plants | Canada | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from  any virus. | Nil |
| 441. | *Mentha spicata* (Mint) | Plants for propagation | Israel | Free from:   1. *Peridroma saucia (*Pearly underwing moth) 2. *Spodoptera littoralis* (Cotton leafworm) | Post-entry quarantine for a period of 45 days. |
| 442. | *Mesembryanthemum* spp. (Livingstone daisy) | Seeds for sowing | 1. France 2. Germany 3. Netherlands | Nil | Free from quarantine weed seeds. |
| 443. | *Mespilus germanica* | Plants for propagation | (i) Thailand | Nil | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject toprior approval of Department of Agriculture, Cooperation and Farmers   Welfare |
| (ii) Australia | Free from:   1. *Caliroa cerasi* (Pear and cherry slugworm) 2. *Rhopalosiphum insertum* (Applegrass aphid) | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (iii) USA | Free from:   1. *Caliroa cerasi* (pear and cherry slugworm) 2. *Rhopalosiphum insertum* (applegrass aphid) |
| 444. | *Metroxylon* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |

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|  |  | (ii) Plants for propagation | Any country | Nil | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10-12 months. |
| 445. | *Micranthemum umbrosum* | (i) Plants for propagation | Japan | Nil | 1. Free from soil and other plant debris. 2. Post-entry quarantine for a period of 60 days. |
| (ii) Tissue culture plants | Japan | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from  any virus. | Nil |
| 446. | *Mimulus* spp. | Seeds for sowing | 1. Europe 2. Japan 3. USA | Nil | Free from quarantine weed seeds. |
| 447. | *Mirabilis jalapa* | Seeds for sowing | Taiwan | Nil | Free from quarantine weed seeds. |
| 448. | *Miscanthus* spp. | Tissue cultured plants | (i) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from miscanthus streak virus | Nil |
| (ii) Any country except Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 449. | *Mitrogyna speciosa* | Dried leaves for  consumption | Indonesia | Nil | Free from soil and other plant debris. |
| 450. | *Momo inula paniculata* | Dry flowers for  decoration | Thailand | Nil | Free from quarantine weeds seeds and soil |
| 451. | *Momordica charantia*  (Bittergourd) | Seeds for sowing | 1. China 2. Hong Kong | Free from:   1. *Pythium spinosum* (root rot) 2. Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from zucchini yellow mosaic virus |
| (iii) Japan | Free from Zucchini yellow mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for Free from   zucchini yellow mosaic virus |
| 1. Phillipines 2. Vietnam (vi)Thailand 3. Indonesia 4. Taiwan | Nil | Free from quarantine weed seeds and soil contamination. |
| 452. | *Moringa oleifera* (Moringa) | Seeds/grains for  consumption | 1. Tanzania 2. Uganda | Nil | Free from quarantine weed seeds. |

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| 453. | *Morinda citrifolia* | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a growing period of 6-9 months. |
| 454. | *Morus alba*  (Mulberry) | Plants for propagation | Canada | Free from:   1. *Acrosternum hilare* (green stink bug) 2. *Hyphantria cunea* (black headed webworm) 3. *Peridroma saucia* (pearly underwing moth) 4. *Pectobacterium rhapontici* (rhubarb crown rot) 5. *Rhizobium rhizogenes* (bacterial gall) 6. *Xylella fastidiosa* (Pierce‟s disease of grapevine) | 1. Free from soil contamination 2. Nursery inspection and certification for Free from (e) and (f) by a competent authority at the country of origin 3. The plants shall be subjected   to post-entry quarantine for 60 days. |
| 455. | *Mucuna*  (Mucuna) | Plants for propagation | (i) Asia | Nil | Post-entry quarantine for a period of 45 days. |
| (ii) USA | Free from :   1. *Anticarsia gemmatalis* (Soybean caterpillar) 2. *Diaprepes abbreviatus* (Citrus weevil) 3. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 4. *Spodoptera frugiperda* (fall armyworm) | Post-entry quarantine for a period of 45 days. |
| 456. | *Murraya koenigi* (Nutmeg) | Seeds for sowing | Sri Lanka | Nil | Free from quarantine weed seeds. |
| 457. | *Musa* spp. (Banana) | Tissue cultured plants | (i) Philippines | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Abaca mosaic virus 2. Banana mild mosaic virus | Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| 1. Australia 2. Africa 3. Latin America 4. Thailand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from banana mild mosaic virus | Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| (vi) Any country Except Philippines, Australia, Africa, Latin America,  Thailand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| 458. | **Mushroom:** *Agaricus bisporus* (Button),  *Agaricus subrufescens* (Almond), *Auricularia polytricha* (Cloud Ear),  *Boletus edulis* | (i) Frozen mushroom for consumption | (i) France | Free from:  Soil, insects, diseases, weed seeds and contamination of other plant material. | 1. Mushroom shall be washed with clean water before packing. 2. Pre-shipment freezing at -180C or below for 7 days or above. The treatment should be endorsed on Phytosanitary   Certificate issued at the country of origin/re-export. |

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|  | (Porcini), *Cantharellus cibarius*(Chantrelles),  *Craterellus cornucopioides* (Black Trumpets), *Flammulina velutipes* (Enoki),  *Lentinula edodes* (Shiitake), *Morchella esculenta* (Morels), *Marasmius oreades* (Fairy ring), *Pleurotus ostreatus* (Oyster),  *Pleurotus eryngii*  (King oyster) | (ii) Dried mushroom for consumption | (i) France | Free from:  Soil, insects, diseases, weed seeds and contamination of other plant material. | Fumigation with Phosphine (PH3) at 3 g/m3for 5-7 days at NAP  The treatment should be endorsed on phytosanitary certificate issued at the country of origin/re-export. |
| (iii) Mushroom spawn for propagation | 1. Netherlands 2. USA 3. France 4. China 5. Italy 6. Belgium 7. South Korea 8. Thailand | Free from:  Soil, insects, diseases, weed seeds and contamination of other plant material. | 1. The substrate (prior to inoculation) shall be subjected to steam heat (autoclave) at 1210C for 30 minutes at 15 *psi*. 2. The above mentioned treatment and the name of the substrate shall be endorsed in Phytosanitary Certificate issued at the country of Origin/re- export. |
| 459. | *Myosotis* spp. (Myosotis) | Seeds for sowing | (i)USA | Nil | Free from quarantine weed seeds. |
| (ii) Netherland | Free from *Phytonemus pallidus* (Strawberry mite) | Free from quarantine weed seeds. |
| 460. | *Myrciaria cauliflora* | (i) Plants for propagation | Australia, USA, Thailand | Nil | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| 461. | *Myrciaria dubia* | Plants/ cuttings for propagation | Israel | Nil | (i) Free from soil. (ii)Commercial imports subject  toprior approval of Department of Agriculture, Cooperation and Farmers Welfare  (iii)Post-entry quarantine for a growing period of 6-9 months. |
| 462. | *Nandina compacta* | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  virus. | Nil |
| 463. | *Nandina* spp. except  *Nandina compacta* | (i) Tissue cultured plants | (i) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Closterovirus 2. Nandina mosaic virus 3. Nandina stem pitting capilovirus | Nil |
| (ii) Any country except USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |

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|  |  | (ii) Plants for propagation | (i) USA | Free from:   1. Clostero virus 2. Nandina mosaic virus 3. Nandina stem pitting capilovirus | Post-entry quarantine growing for a period of 45 days |
| (ii) Europe | Nil | Post-entry quarantine growing for  a period of 45 days |
| 464. | *Nauclea diderrichii*  (Bilinga) | Wood with/without bark | Africa | Free from *Orygmophora mediofoveata* | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary  Certificate issued at the country of origin/re-export. |
| 465. | *Nelumbium speciosum*  (*Nelumbo nucifera*) | (i) Grain (seeds) for consumption | (i) China (ii)Thailand  (iii)Vietnam | Nil | Free from soil and other plant debris |
| (ii) Stamens for consumption | (i) China (ii)Thailand  (iii)Vietnam | Nil | Free from soil and other plant debris. |
| 466. | *Nemesia strumosa*  (Nemesia) | Seeds for sowing | Europe | Nil | Free from quarantine weed seeds |
| 467. | *Neoregelia spp.*  (Neoregelia) | (i) Seeds for sowing | Asia | Nil | Free from quarantine weed seeds |
| (ii) Plants for  propagation | Asia | Nil | Post entry quarantine growing for  a period of 45 days. |
| 468. | *Nepeta cataria*  (Catmint) | Seeds for sowing | USA | Nil | Free from quarantine weeds seeds. |
| 469. | *Nephelium lappaceum*  (Rambutan) | Fruits for consumption | (i) Thailand | Free from:   1. *Bactrocera papaya* (papaya fruit fly) 2. *Cataenococcus hispidus* (citrus mealy bug) 3. *Conopomorpha cremerella* (cocoa moth) 4. *Darna diducta* (nettle caterpillar) 5. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) | 1. Pest-free area status for *Bactrocera papayae* (papaya fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 3 ½ hrs at 210C or above or equivalent thereof or 3. Pre-shipment cold treatment at 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days plus in-transit refrigeration   against papaya fruit fly. |

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|  |  |  | (ii)Sri lanka | Free from:  (a) *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) | Methyl bromide fumigation at 32 g/m3 for 3 ½ hrs at 210C or above or equivalent thereof.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| Cuttings/ grafts/ rooted plants for propagation | 1. Indonesia 2. Malaysia (iii)Philippines (iv)Thailand | Free from:   1. *Conopomorpha cramerella* 2. *Darna diducta* (nettle caterpillar) 3. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for research. Post-entry quarantine growing for a period of 45 days. |
| 1. Mauritius 2. New Zealand | Nil |
| (vii) Sri Lanka | Free from *Conopomorpha cramerella* (cocoa moth) |
| (viii) USA | Free from:   1. *Diaprepes abbreviatus* (citrus weevil) 2. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) |
| 470. | *Nephrolepis* spp.  (Nephrolepis) | Plants for propagation | Asia | Nil |  |
| 471. | *Nicotiana* spp. | (i) Seeds for sowing | (i) UK | Free from:   1. *Ditylenchus dipsaci* (brown ring disease of hyacinth) 2. Pepino mosaic virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for Free from   Pepino mosaic virus. |
| (ii) Europe | Nil | Free from quarantine weed seeds |
| (iii) USA | Free from *Pseudomonas syringae pv. mellea* (brown spot of tobacco) | Free from quarantine weed seeds |
| (ii) Leaves  (unmanufactured) in bales | Any Country | Free from:   1. Chocolate moth (*Ephestia elutella*) 2. Blue mould (*Peronospora hyoscyami* f.sp.   *tabacina*) | Fumigation with phosphine @ 3 gm per tonne for 5-7 days. |
| 472. | *Nigella sativa*  (Black Cumin) | (i) Seeds for sowing | Europe | Nil | Freedom from quarantine weeds seeds. |
| (ii) Seed for consumption / Processing | Europe | Free from:   1. Quarantine weed seeds as listed under Schedule-VIII of PQ Order, 2003 2. Soil and other plant debris | Nil |
| 473. | *Nuphar lutea* | (i) Seeds for sowing | Germany | Nil | Free from quarantine weeds seeds |
| 474. | *Nymphaea* spp. (Nymphea) | Plants for propagation | 1. Thailand 2. USA | Nil | Post-entry quarantine growing for a period of 45 days. |
| 475. | *Nypa* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds |

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|  |  | (ii) Plants for propagation | Any country | Nil | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10-12 months. |
| 476. | *Ochroma pyramidale*  (Balsa) | Wood with or without bark | Germany | Nil | Fumigation with Methyl bromide at 48 g/m3for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country  of origin/re-export. |
| 477. | *Ocimum basilicum*  (Basil) | (i) Seeds for sowing | 1. Europe 2. USA 3. Russia 4. Thailand | Nil | Free from quarantine weed seeds. |
| (v) Japan | Free from *Pseudomonas viridiflava* (Bacterial leaf  blight) | Free from quarantine weed seeds. |
| (ii) Grains (seeds) for consumption | Pakistan | Nil | Free from soil and quarantine weed seeds. |
| (iii) Vegetables for consumption | Thailand | Nil | Nil |
| 478. | *Oenothera* spp. (Oenothera) | (i) Seeds for sowing | 1. USA 2. Netherlands 3. France 4. Germany | Nil | Free from quarantine weed seeds. |
| (ii) Tissue cultured plants | USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from viruses. | Nil |
| 479. | *Olea Africana*  (wild olive) | Cuttings/ plants for propagation | South Africa | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Phaeoacremonium aleophilum* (Petri disease) 3. *Phialophora parasitica* (wilt) | 1. Free from soil. 2. Post-entry quarantine growing for a period of 2-3 months except for research. |
| 480. | *Olea europaea*  (Olive) | (i) Dried leaves for consumption | Morocco | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Epidiaspis leperii* (European pear scale) 3. *Saturnia pyri* (giant emperor moth) 4. *Zeuzera pyrina* (leopard moth) | Fumigation with Methyl bromide @ 32 g/m3 at 210C and above or equivalent thereof under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the  Plant Protection Adviser. |

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|  |  | (ii) Plants for propagation | Spain | Free from:   1. *Acherontia atropos* (death's Head Hawkmoth) 2. *Apate monachus* (black borer) 3. *Epidiaspis leperii* (European pear scale) 4. *Euzophera pinguis* (olive moth) 5. *Hylesinus varius* (bark beetle) 6. *Lasioptera berlesiana* 7. *Otiorhynchus armadillo* (armadillo weevil) (h)*Otiorhynchus cribricollis* (apple weevil) 8. *Phloeotribus scarabaeoides* (olive bark beetle) 9. *Prays oleae* (olive kernel borer) 10. *Saturnia pyri* (giant emperor moth) 11. *Zeuzera pyrina* (leopard moth) 12. *Pezicula alba* (bark canker) 13. aster yellows phytoplasma group 14. *Pseudomonas savastanoi* pv. *savastanoi*   (oleander knot) | Post-entry quarantine growing for a period of 60 days. |
| (iii) Fruits for  consumption/ processing | Spain | Free from:   1. *Ceratitis capitata* (Mediterrean fruit fly) 2. *Epidiaspis leperii* (European pear scale) 3. *Lobesia botrana* (grape berry moth) 4. *Prays oleae* (Olive kernel borer) 5. *Phaeoacremonium maleophilum* (Petri disease) | 1. Pest free status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs @ 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly.   The treatment should be endorsed on Phytosanitary Certificate issued at the  country of origin/re-export. |

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|  |  |  | Peru | Free from:   1. *Anastrepha fraterculus* (South American fruit fly) 2. *Selenaspidus articulatus* (West Indian red scale) | 1. Pest free status for *Anastrepha fraterculus* (South American fruit fly) as per international standards Or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in transit refrigeration against *Anastrepha fraterculus* (South American fruit fly) and 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days plus intransit refrigeration against *Anastrepha fraterculus* (South American fruit fly) Or 3. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against *Anastrepha fraterculus* (South American   fruit fly). |
| (iv) Plants/ cuttings for propagation | (i) Israel | Free from:   1. *Acherontia atropos* (Death‟s head hawkmoth) 2. *Aceria oleae* (Olive bud mite) 3. *Apate monachus* (Black borer) 4. *Aspidiotus nerii* (Aucuba scale) 5. *Euphyllura olivine* 6. *Prays oleae* (Olive kernel borer) 7. *Saturnia pyri* (Giant emperor moth) 8. *Zeuzera pyrina* (Moth, wood leopard) 9. *Theba pisana* (White garden snail) 10. *Pseudomonas savastanoi pv. Savastanoi* (Oleander knot) | 1. Free from soil and other plant debris. 2. Post-entry quarantine for 60 days. 3. Commercial imports permitted subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 4. Fumigation with Methyl bromide @ 32 g/m3 for 2 hrs at 210C and above under NAP or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the country   of origin/ re-export. |

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|  |  | (v) Seeds for sowing | (i) Jordan | Free from:  *Amaranthus blitoides Raphanus raphanistrum* | Free from quarantine weeds seeds. |
| (ii) Europe | Free from:   1. *Pezicula alba* 2. *Phaeoacremonium aleophilum* 3. *Rotylenchus roubustus* 4. *Heterodera crotae* | Free from quarantine weedseeds |
| (vi) Cuttings/ grafts/ rooted plants for propagation | USA | Free from:   1. *Epidiaspis leperii* (pear scale) 2. *Metcalfa pruinosa* 3. *Otiorhynchus cribricollis* 4. *Selenaspidus articulatus* 5. *Zeuzera pyrina (*leopard moth) 6. *Eutypa lata* (Eutypa dieback) 7. *Mycocentrospora cladosporioides* 8. *Phaeoacmonium deophilus* 9. *Spilocaea oleaginea* (leaf spot) 10. *Pseudomonas savastanoi* pv. *savastanoi* (olive knot) | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 month except for research purposes. |
| 481. | *Opuntia ficus indica*  (Cactus pear/ Prickly pear) | Germplasm material for research only | Mexico | Free from *Anthonomus grandis* (Mexican cotton boll weevil) | 1. Free from soil and quarantine weed seeds. 2. Post-entry quarantine for a period of 45-60 days. |
| 482. | **Orchids :** (*Aranda, Cattleya, Cymbidium, Dendrobium, Lawlio- cattleya, Mokara, Odontoglosum, Phalaenopsis, Vanda, Vanila* etc.) | (i) Saplings | Any Country | Free from:   1. Bacterial leaf spots (*Burkholderia gladioli*   pv.*gladioli* and *Erwinia chrysanthemi*)   1. Blossom blight (*Phyllostica capitalensis*) 2. Orchid viruses such as vanilla necrosis, Odontoglosum ring spot and orchid fleck etc. | Post-entry quarantine for a period of 45-60 days. |
| (ii) Tissue-cultured plants | Any Country | Certified that the tissue-cultured plants are obtained from mother stock tested and maintained virus-free. | Nil |
| (i) *Cattleya* spp. | Tissue cultured plants | 1. Korea 2. Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained | Nil |
| 1. USA 2. Hungary 3. Canada (vi)Italy 4. Ukraine 5. Columbia | Free from :  (a) Odontoglossum ring spot virus | Nil |
| (ix) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from rhabdovirus | Nil |

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|  |  |  | 1. Indonesia 2. South Africa | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from cattleya colour break virus | Nil |
| (xii) Taiwan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :  (a) Odontoglossum ring spot virus  (c) Rhabdovirus | Nil |
| (xiii) Thailand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tobacco mosaic virus 2. Odontoglossum ring spot virus | Nil |
| (xiv) Any country except Korea, Taiwan, Thailand, Japan, USA, Hungary, Canada, Italy, Ukraine, Columbia, Germany, Indonesia and South Africa | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (ii) *Dendrobium* spp. | Tissue cultured plants | (i) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Odontoglossum ring spot tobamo virus 2. Tomato spotted wilt tospovirus 3. Poty viruses 4. Tobacco mosaic virus 5. Dendrobium virus | Nil |
| (ii) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Potyviruses 2. Tobacco mosaic virus 3. Dendrobium mosaic virus 4. Bean yellow mosaic virus 5. Tomato ring spot virus 6. Orchid fleck virus 7. Phalenopsis virus 8. Dendrobium virus 9. Grammatophyllum (bacilliform) virus | Nil |

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|  |  |  | (iii) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tobacco mosaic virus 2. Dendrobium mosaic virus 3. Tomato ring spot virus 4. Orchid fleck virus | Nil |
| (iv) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Grammatophyllum (bacilliform) virus 2. Dendrobium vein necrosis virus 3. Rhabdovirus | Nil |
| (v) Malaysia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from potyviruses. | Nil |
| (vi) Denmark | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from dendrobium virus. | Nil |
| (vii) Any country except USA, Italy, Japan, Germany, Malaysia and  Denmark | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| (iii) *Vanilla planifolia* | Seeds for sowing | Papua New Guinea | Nil | Free from quarantine weed seeds. |
| 483. | *Orchis laxiflora* | Seeds for Medicinal purpose | China | Nil | Free from quarantine weed seeds and soil. |
| 484. | *Origanum* spp.(Origanum) | Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| 485. | **Ornamental Palm species:** *(Arikuryoba,Borasus,Caryot a, Carypha, Chamaeodorea, Chrysalidocorpus, Dictyosperma, Washingtonia, Roystonia, Hyophorbe, Pritchardia, Sabal, Syogrus, Trachycorpus, Vietchia,*  *Mascarena )* | Seeds/Seed sprouts | Any Country | 1. Free from:    1. Bactrial blight (*Acidovorax avenae* sub sp.*avenae*)- For *Carypha* spp only    2. Mosaic (Poty virus)- For *Washingtonia* spp only    3. Red ring nematode (*Rhadinaphelenchus cocophilus*) 2. Certified that the seeds/seed sprouts collected from mother palms free from Cadang cadang (viroids) | Post-entry quarantine for a period of 10-12 months |
| 486. | *Ornithogalum* spp. | Tissue cultured plants | (i) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Ornithogalum virus 2 2. Ornithogalum virus 3 | Nil |
| 1. Israel 2. Kenya 3. South Africa 4. USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from ornithogalum mosaic potyvirus. | Nil |

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|  |  |  | (vi) Any country except Japan, Israel, Kenya, South Africa, USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 487. | *Oryza sativa* (Rice) | (i) Grains for consumption | Any Country | Free from Granary weevil (*Sitophilus granarius*) | Fumigation with Methyl bromide @ 32 g/m3 at 210C and above for  24 hrs under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this  purpose. |
| (ii) Fortified rice kernel for consumption | China | Free from:   1. *Trogoderma variabile* (Grain dermestid) 2. *Typhaea stercorea* (Hairy fungus beetle) 3. *Monographella nivalis* (Foot rot of cereals) | Fumigation with Methyl bromide @ 32 g/m3 at 210C and above for 24 hrs under normal atmospheric pressure (NAP) and the treatment to be endorsed on Phytosanitary Certificate. |
| 488. | *Osteospermum* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 489. | *Pachira insignis* | Plants for propagation | Australia, Thailand | Nil | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| USA | Free from *Steirastoma breve* (Cacao beetle) |
| 490. | *Paeonia suffruticosa*  (Peonia) | Plants/ Cuttings for  propagation | Netherlands | Nil | 1. Free from soil. 2. Post-entry quarantine for a growing period of 6-9 months. |
| 491. | *Panax quinquefolius*  (Ginseng) | Seeds for sowing | USA | Free from *Nectria radicicola* (Black root) | Freedom from quarantine weeds  seeds. |
| 492. | *Pandanus* spp. (Pandanus) | Vegetable (leaves)  for consumption | Thailand | Nil | Nil |
| 493. | *Panicum* spp. | Germplasm material for research only | 1. Brazil 2. China 3. Kenya 4. Nepal 5. USA | Nil | Free from soil and quarantine weed seeds |

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| 494. | *Panicum antidotale*  (Elbow grass)  /*Panicum maximum* var*. trichoglume* (Guinea grass) | Seeds for sowing | Kenya | Free from *Sugarcane chlorotic streak virus* | 1. Free from soil and quarantine weed seeds 2. Crop inspection and certification for freedom from *Sugarcane chlorotic streak*   *virus* |
| 495. | *Panicum sumatrense*  (Little millet) | Seeds for sowing | Nepal | Nil | Free from quarantine weed seeds. |
| 496. | *Papaver* spp. (Ornamental Poppy) | Seeds for sowing | (i) USA | Free from *Pseudomonas viridiflava* (Bacterial leaf blight of tomato) | Free from quarantine weed seeds. |
| 1. France 2. U.K 3. The Netherlands 4. Spain 5. Germany | Nil | Free from quarantine weed seeds. |
| (vii) Italy | Free from *Artichoke* Italian latent virus | Free from quarantine weed seeds |
| 497. | *Papaver somniferum*  (Opium poppy) | Germplasm material for research only | 1. Afghanistan 2. Australia 3. Austria 4. Finland 5. Germany (vi)Hungary 6. Bulgaria 7. Turkey | Nil | Free from soil and quarantine weed seeds |
| 498. | *Paspalum commersonii/*  *Paspalum notatum* | Seeds for sowing | Kenya | Nil | Freedom from quarantine weed seeds |
| 499. | *Paspalum scrobiculatum*,  *P. dilatatum/Paspalam spp.* | Germplasm material for research only | 1. China 2. Nepal 3. USA | Nil | Free from quarantine weed seeds. |
| Seeds for sowing | USA | Nil | Free from quarantine weed seeds. |
| 500. | *Passiflora edulis*  (Passion fruit) | (i) Cuttings/ plants for propagation | (i)Australia | Free from:   1. *Pantomorus cervinus* (rose beetle) 2. *Fusarium oxysporum f.sp. passiflorae* 3. *Pseudomonas passiflora* 4. *Pseudomonas viridiflava* 5. *Passion fruit woodiness virus* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| (ii) Brazil | Free from:   1. *Dione juno* 2. *Eueides isabella* (Isabella tiger) 3. *Pantomorus cervinus* 4. *Selenaspidus articulates* (Red scale) 5. *Fusarium oxysporum* f.sp. *passiflorae* 6. *Pseudomonas viridiflava* |

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|  |  |  |  | (g) *Passion fruit woodiness virus* |  |
| (iii) South Africa | Free from:   1. *Pantomorus cervinus* 2. *Fusarium oxysporum* f.sp. *passiflorae* 3. *Pseudomonas passiflora* |
| (ii) Leaves for consumption | Germany,  Netherland, Belgium | Free from *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA) | Free from soil and other plant debris |
| France | Free from:   1. *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA) 2. *Pantomorus cervinus (*Fullar‟s rose beetle) |
| (iii) Scion/  Budwood  /Rooted plants for propagation | 1. Philippines 2. Sri Lanka 3. Thailand 4. Indonesia 5. Malaysia 6. Mauritius | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month except for research. |
| (vii) New Zealand | Free from:   1. *Pantomorus cervinue* 2. *Pseudomonas passiflora* 3. *Pseudomonas viridiflava* 4. *Passion fruit woodiness virus* |
| (viii) USA | Free from:   1. *Agraulis vanillae* 2. *Pantomorus cervinus* 3. *Selenaspidus articulatus* 4. *Fusarium oxysporum* f.sp. *passiflorae* (Base rot disease of passionfruit) 5. *Pseudomonas viridiflava* |
| (iv) Seeds for sowing | (i) Australia | Free from:   1. *Fusariumoxysporum* f.sp. *passiflorae* (Base rot disease of passionfruit) 2. *Pseudomonas passiflora* 3. *Pseudomonas viridiflava* | Free from quarantine weed seeds. |
| (ii) Brazil | Free from:   1. *Fusarium oxysporum* f.sp. *passiflorae* 2. *Pseudomonas viridiflava* | Free from quarantine weed seeds |

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|  |  |  | (iii) South Africa | Free from:   1. *Fusarium oxysporum* f.sp. *passiflorae* 2. *Pseudomonas passiflora* (Grease spot of passion fruit) | Free from quarantine weed seeds |
| 501. | *Passiflora foetida*  (Stone Flower) | Dried flowers for medicinal use | Any country | Nil | Free from quarantine weeds seeds |
| 502. | *Paulownia kawakamii* | Tissue culture plants | USA,  Netherlands | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 503. | *Peganum harmala* | Dried seeds for  consumption | Pakistan | Nil | Free from quarantine weed seeds  and soil contamination. |
| 504. | *Pelargonium* spp. (Pelargonium) | (i) Seeds/ Cuttings/ Saplings for planting or propagation | Any Country | Free from:   1. Bacterial spot (*Xanthomonas campestris* pv.   *pellargonii*)   1. Pelargonium viruses viz. flower break virus, leaf curl virus, vein clearing virus and zonate spot virus. | 1. Free from quarantine weed seeds. 2. Post-entry quarantine for a period of 45-60 days. |
| Seeds for sowing | Australia | Free from tomato ring spot virus | 1. Free from soil and quarantine weed seeds. 2. Crop inspection and certification for freedom from tomato ring spot virus. |
| (ii) Tissue cultured plants | (i) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Pelargonium flower break virus 2. Pelargonium line pattern virus | Nil |
| (ii) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Pelargonium vein clearing virus 2. Pelarrgonium zonate spot virus | Nil |
| (iii) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pelargonium leaf curl virus | Nil |
| (iv) Europe, USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from pelargonium ringspot virus | Nil |
| (v) Any country except UK, Italy, Germany,  Europe, USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 505. | *Penicicum vergatum* | Tissue culture plants | USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Post-entry quarantine for a period of 45 days. |

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| 506. | *Pennisetum americanum/ Pennisetum glaucum* (Pearl millet) | Seeds for sowing | Nepal | Nil | Free from quarantine weed seeds. |
| 507. | (i) *Pennisetum clandestinum*  /*Pennisetum purpureum/ Pennisetum* spp.  *Pennisetum* hybrids | (i) Seeds for sowing | Kenya | Nil | 1. Free from soil. 2. Crop inspection and certification for freedom from viruses. |
| (ii) *Pennisetum purpureum* | (i) Plants/Cuttings for propagation | (i) China | Free from *Sugarcane chlorotic streak virus* (sugarcane chlorotic streak disease). | 1. Commercial import subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Free from soil. 3. Post-entry quarantine for a growing period of 6 months. |
| 508. | *Pennisetum glaucum*  (Pearl millet) | Seeds for sowing | 1. Niger 2. China | Nil | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department   of Agriculture, Cooperation and Farmers Welfare. |
| (iii) Nigeria | Free from *Aphelenchoides arachidis* (groundnut testa nematode) |
| (iv) USA | Free from *Wheat streak mosaic virus* | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 2-3 months, 4. Crop inspection and certification for freedom from Wheat streak mosaic virus |
| (v) Australia | Free from:   1. Johnsongrass mosaic virus 2. Wheat streak mosaic virus (wheat virus 6 & 7) | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 2-3 months. 4. Crop inspection and certification for freedom from Johnson grass mosaic virus   and Wheat streak mosaic virus |

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| 509. | *Penstemon* spp. (Pentas) | Seeds for sowing | Europe | Nil | Free from quarantine weed seeds. |
| 510. | *Pepromia* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 511. | *Perilla frutescens*  (Perilla) | Seeds for sowing | 1. Japan 2. Korea 3. Turkey 4. USA | Nil | Free from quarantine weed seeds |
| 512. | *Persea americana*  (Avocado) | (i) Plants for propagation | (i) Israel | Free from:   1. *Parabemisia myricae* (bayberry whitefly) 2. *Peridroma saucia* (pearly underwing moth) 3. *Protopulvinaria pyriformis* (pyriform scale) 4. *Spodoptera littoralis* (cotton leafworm) 5. Avocado sunblotch viroid | 1. Imports subject to prior approval of the Department of Agriculture, Cooperation and Farmers Welfare. 2. Post-entry quarantine for a period of one year. 3. Free from soil. |
| (ii) South Africa | Free from:   1. *Cacoecimorpha pronubana* (carnation tortrix) 2. *Ceroplastes destructor* (white wax scale) 3. *Pantomorus cervinus* (Fuller's rose beetle) 4. *Protopulvinaria pyriformis* (pyriform scale) 5. *Pseudotheraptus wayi* (coconut bug) 6. *Spodoptera littoralis* (cotton leafworm) 7. *Xyleborus ferrugineus* 8. *Cercospora purpurea* (spot blotch) 9. *Phytophthora cryptogea* (tomato foot rot) 10. *Sphaceloma perseae* (avocado scab) 11. *Rhizobium rhizogenes* 12. Avocado sunblotch viroid | 1. Imports subject to prior approval of the Department of Agriculture, Cooperation and Farmers Welfare. 2. Post-entry quarantine for a period of one year. 3. Free from soil. |
| (ii) Tissue cultured plants | 1. Israel 2. South Africa | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from avocado sun blotch viroid. | Imports subject to prior approval of Department of Agriculture, Cooperation and Farmers  Welfare. |
| (iii) Cuttings/  budwoods/ rooted plants for propagation | (i) Indonesia | Free from *Rhizobium rhizogenes* | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month. |
| (ii) Malaysia | Free from   1. *Xyleborus ferrugineus* 2. Rhizobium rhizogenes |
| (iii) Mauritius | Free from *Spodoptera littoralis* (cotton leafworm) |

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|  |  |  | (iv) Mexico | Free from:   1. *Aleurodicus cocois* (Whitefly) 2. *Aleurodicus pulvinatus* (Whitefly) 3. *Atta* spp. (Ants) 4. *Caulophilus oryzae* 5. *Conotrachelus perseae* 6. *Heilipus lauri* (Avocado seed weevil) 7. *Pantomorus cervinus* (Rose beetle) 8. *Paracoccus marginatus* 9. *Peridroma saucia* (Pearly moth) 10. *Platynota stultana* (Leaf roller) 11. *Rhynchophorus palmarum* 12. *Scirtothrips perseae* (Thrips)   (m *Selenaspidus articulatus* (Red scale)   1. *Spodoptera eridania* 2. *Stenoma catenifer* (Moth) 3. *Trialeurodes vaporariorum* 4. *Rosellinia pepo* (Black root rot) 5. *Sphaceloma perseae* (Scab) 6. *Xyleborus ferrugineus* |  |
| (v) New Zealand | Free from:   1. *Ceroplastes destructor* (wax scale) 2. *Epiphyas postvittana* (apple moth) 3. *Pantomorus cervinus* (rose beetle) 4. *Phytophthora cryptogea* (foot rot) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month |
| (vi) Philippines | Free from:   1. *Niphonoclea* spp. 2. *Suana concolor* 3. *Sphaceloma perseae* (scab) |
| (vii) Sri Lanka | Free from *Peridroma saucia* (pearly underwing moth) |
| (viii) Thailand | Free from  (a) *Ceroplastes japonicus* (wax scale) (b)*Oligonychus mangiferus* (mango red spider mite) |

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|  |  |  | (ix) USA | Free from:   1. *Amorbia cuneana* 2. *Atta* sp. 3. *Avocado sunblotch viroid* 4. *Cacoecimorpha pronubana* (carnation tortrix) (e)*Caulophilus oryzae*   (f)*Chrysodeixis includens* (g)*Diaprepes abbreviatus* (h)*Epiphyas postvittana* (apple moth)  (i)*Melanaspis obscura* (obscure, scale) (j)*Oligonychus peruvianus* (k)*Oligonychus punicae* (l)*Pantomorus cervinus* (rose beetle)  (m) *Parabemisia myricae* (n)*Paracoccus marginatus* (o)*Peridroma saucia* (underwing moth) (p)*Phytophthora citricola* (root rot) (q)*Phytophthora cryptogea* (foot rot) (r)*Platynota stultana* (leaf roller) (s)*Protaetia fusca*  (t)*Rhizobium rhizogenes* (u)*Sabulodes aegrotata* (looper) (v)*Scirtothrips perseae*  (w)*Selenaspidus articulatus* ( red scale) (x)*Sphaceloma perseae* (avocado scab) (y)*Spodoptera eridania* (armyworm) (z)*Xyleborus ferrugineus*  (aa) *Xyleborus immaturus* (bark beetle) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month |
| (iv) Cuttings/ Plants for propagation | (i) Australia | Free from:   1. *Ceroplastes destructor* 2. *Chrysodeixis includens* 3. *Epiphyas postvittana* (Apple moth) 4. *Monolepta australis* (Leaf beetle) 5. *Pantomorus cervinus* (Rose beetle) 6. *Phytophthora cryptogea Rhizobium rhizogenes*   (Gall)   1. *Avocado sunblotch viroid* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |

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|  |  |  | (ii) Chile | Free from:   1. *Chrysodeixis includens* 2. *Pantomorus cervinus* 3. *Peridroma saucia* 4. *Spodoptera eridania* 5. *Trialeurodes vaporariorum* 6. *Phytophthora cryptogea* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (iii) Columbia | Free from:   1. *Aleurodicus pulvinatus* 2. *Atta* (leaf cutter ant) 3. *Chrysodeixis includens* 4. *Heilipus lauri* 5. *Peridroma saucia* 6. *Rhynchophorus palmarum* 7. *Selenaspidus articulatus* 8. *Stenoma catenifer*(avocado moth)   (i) *Trialeurodes vaporariorum* (greenhouse whitefly)   1. *Oligonychus peruvianus* 2. *Rosellinia pepo* (black root rot) 3. *Rhizobium rhizogenes* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (iv) Guatemala | Free from:   1. *Atta* (leaf cutter ant) 2. *Caulophilus oryzae* (grain weevil) 3. *Conotrachelus perseae* 4. *Heilipus lauri* (avocado weevil) 5. *Paracoccus marginatus* 6. *Peridroma saucia* (pearly moth) 7. *Rhynchophorus palmarum* 8. *Scirtothrips perseae* 9. *Stenoma catenifer* (avocado moth) 10. *Xyleborus ferrugineus* 11. *Oligonychus peruvianus* 12. *Sphaceloma perseae* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |

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|  |  |  | (v) Israel | Free from:  (a)*Parabemisia myricae* (bayberry whitefly) (b)*Peridroma saucia*  (c)*Protopulvinaria* pyriformis (pyriform scale) (d)*Spodoptera littoralis*  (e)*Avocado sunblotch viroid* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (vii) Spain | Free from*:*   1. *Cacoecimorpha pronubana* 2. *Pantomorus cervinus* 3. *Parabemisia myricae* 4. *Peridroma saucia* 5. *Spodoptera littoralis* 6. *Trialeurodes vaporariorum* 7. *Phytophthora cryptogea* 8. *Avocado sunblotch viroid* (Avocado sun blotch) | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (viii) Caribbean Countries | Free from *Lagocheirus araneiformis* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months 3. Commercial imports subject to prior approval of Department   of Agriculture, Cooperation and Farmers Welfare |
| (v) Fresh fruits for consumption | (i) Chile | Free from:   1. *Chrysodeixis includes* (Soybean looper) 2. *Naupactus xanthographus* (South Americanfruit tree weevil) 3. *Peridroma saucia* (pearly underwing moth) 4. *Spodoptera eridania* (southern armyworm) 5. *Phytophthora cryptogea* (tomato foot rot) | (a) Fumigation with Methyl bromide @ 32 g/m3 for 2 hrs @ 210C and above or any other treatment duly approved by the Plant Protection Adviser to the Govt. of India. The treatment should be endorsed on Phytosanitary Certificate issued at the  country of origin/ re-export |
| (ii) Peru | Free from *Stenoma catenifer* (avocado moth) | Pest free status for *Stenoma catenifer* (avocado moth) as per international standards or Methyl bromide fumigation@ 32 g/m3 for 3 ½ hrs at 210C or above under NAP or equivalent thereof |
| (iii) New Zealand | Free from:   1. *Linepithema humile* (Argentine ant) 2. *Phytophthora cryptogea* (Tomato foot rot) | Nil |

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| 513. | *Petroselinum crispum*  (Parsley) | (i) Seeds for sowing | (i) Denmark | Free from:  *Ditylenchus dipsaci* (stem and bulb nematode) | 1. Free from soil contamination 2. Free from quarantine weed seeds |
| (ii) Italy | Free from:   1. *Ditylenchus dipsaci* (Stem and bulb nematode) 2. *Pleosporum herbarum* (Leaf blight of onion) 3. *Pseudomonas viridiflava* 4. Celery mosaic virus 5. Chicory yellow mosaic virus | 1. Free from soil contamination 2. Free from quarantine weed seeds 3. Seed crop inspection and certification for free from (d) and (e) by a competent authority at the country of   origin |
| (iii) Japan | Free from:   1. *Ditylenchus dipsaci* (Stem and bulb nematode) 2. *Pseudomonas viridiflava* 3. Celery mosaic virus | 1. Free from soil contamination 2. Free from quarantine weed seeds 3. Seed crop inspection and certification for free from (c) by a competent authority at the country of origin |
| 1. Netherlands 2. France | Free from:   1. *Ditylenchus dipsaci* (Stem and bulb nematode) 2. *Pseudomonas viridiflava* | 1. Free from soil contamination 2. Free from quarantine weed seeds. |
| (vi) USA | Free from:   1. *Ditylenchus dipsaci* (Stem and bulb nematode) 2. *Pleosporum herbarum* (Leaf blight of onion) 3. *Pseudomonas viridiflava* 4. Celery mosaic virus | 1. Free from soil contamination 2. Free from quarantine weed seeds. 3. Seed crop inspection and certification for free from   (d) by a competent authority at the country of origin |
| (vii) U.K. | Free from:   1. *Ditylenchus dipsaci* 2. *Celery mosaic virus* 3. *Pseudomonas viridiflava* | 1. Free from soil. and quarantine weeds seeds 2. Seed crop inspection and certification for free from (b) by a Competent Authority at the country of origin. |
| (viii) Germany | Free from:   1. *Ditylenchus dipsaci* 2. *Pleospora herbarum (Leaf blight of onion)* 3. *Celery mosaic virus* 4. *Pseudomonas viridiflava* 5. *Chicory mosaic virus* | 1. Free from soil and quarantine weeds seeds 2. Seed Crop inspection and certification for free from (c) and (e) by a Competent Authority at the country of origin. |

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|  |  |  | (ix) Spain | Free from:   1. *Ditylenchus dipsaci* 2. *Pseudomonas viridiflava* | Free from quarantine weeds seeds |
| (x) Israel | Free from *Ditylenchus dipsaci* (Stem and bulb nematode | Free from quarantine weeds seeds |
| (ii) Fresh leaves for consumption | Europe | Free from *Ditylenchus dipsaci* (Stem and bulb nematode) | Nil |
| 514. | *Petunia spp.* | (i) Tissue cultured plants | (i) Hungary | Certified that the tissue cultured plants were obtained from mother stock tested and maintainedfree from:   1. Tobacco mosaic virus 2. Tomato mosaic virus 3. Potato virus Y 4. Potato X virus | Nil |
| (ii) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tobacco mosaic virus 2. Potato virus Y 3. Arabis mosaic virus 4. Tomato black ring nepo virus | Nil |
| (iii) Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tobacco mosaic virus 2. Tomato mosaic virus 3. Tomato black ring nepoviruses 4. Potato virus Y 5. Petunia vein clearing virus 6. Broad bean wilt fabavirus | Nil |
| (iv) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Petunia asteroid mosaic virus 2. Petunia flower mottle potyvirus 3. Datura Colombian potyvirus 4. Petunia vein clearing virus | Nil |
| (v) Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Petunia asteroid mosaic virus 2. Artichoke latent virus | Nil |
| (vii) France | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from :   1. Tobacco mosaic virus 2. Potato virus Y | Nil |

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|  |  |  | (viii) Switzerland | Certified that the tissue cultured plants were obtained  from mother stock tested and maintained free from Petunia vein clearing virus | Nil |
|  |  |  | (ix) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Petunia vein clearing virus 2. Petunia asteroid mosaic virus 3. Tomato infectious chlorosis closterovirus | Nil |
| (x) Israel | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tobacco mosaic virus 2. Tomato mosaic virus 3. Petunia vein clearing virus | Nil |
| (xi) Brazil | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Tobacco mosaic virus 2. Petunia vein clearing virus | Nil |
| 1. Japan 2. Egypt | Certified that the tissue cultured plants wereobtained from mother stock tested and maintained free from tobacco mosaic virus | Nil |
| 1. Korea ROK 2. Korea DPR | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from Petunia asteroid mosaic virus | Nil |
| (xvi) Slovenia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  potato virus Y. | Nil |
| (xvii) Czech Republic | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Arabis mosaic virus 2. Turnip mosaic potyvirus | Nil |
| (xviii) China | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  turnip mosaic potyvirus | Nil |
| (xix) Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from tomato spotted wilt virus | Nil |
| (xx) Any country except Canada, China, Czech Republic, Slovenia, Japan, Egypt, Korea ROK, Korea  DPR, Poland, Italy, UK, Netherlands,  Switzerland, | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |

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|  |  |  | Hungary, Germany, France, USA, Brazil, Israel |  |  |
|  |  | (ii) Seeds for sowing | 1. Europe 2. South Africa 3. Canada 4. Australia 5. New Zealand 6. Kazakhstan 7. Turkey | Free from Arabis mosaic nepho virus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from Arabis mosaic nepho virus. |
| (viii) South America | Free from Andean Potato Virus (stain) | 1. Free from quarantine weed seeds. 2. Crop inspection and   certification for free from Andean Potato Virus (stain) |
| 1. USA 2. Japan | Free from *Pseudomonas viridiflava* (Bacterial leaf  blight of tomato) | Free from quarantine weed seeds. |
| (xi) Guatemala | Nil | Free from quarantine weed seeds |
| 515. | *Petunia axillaris,*  *P. Integrifolia*  (Petunia) | Cuttings/ planting material/ rooted plants for propagation | (i) Germany | Free from:   1. *Peridroma saucia* (Pearly moth) 2. *Phytonemus pallidus* (Mite) 3. *Erwinia chrysanthemi* pv. *dieffenbachiae* (Stem rot) 4. *Pseudomonas viridiflava* 5. *Phytophthora cryptogea* (Foot rot) 6. *Petunia asteroid mosaic virus* 7. *Petunia flower mottle virus* 8. *Petunia vein clearing virus* | 1. Free from soil. 2. Post-entry quarantine growing for one growth season. |
| (ii) The  Netherlands | Free from:   1. *Peridroma saucia* (Pearly moth) 2. *Phytonemus pallidus* (Mite) 3. *Pseudomonas viridiflava* 4. *Phytophthora cryptogea* (Foot rot) | 1. Free from soil. 2. Post-entry quarantine growing for one growth season. |
| (iii) USA | Free from:   1. *Anthonomus eugenii* (Pepper weevil) 2. *Exomala orientalis* (Oriental beetle) 3. *Heliothis virescens* 4. *Peridroma saucia* (Pearly moth) 5. *Phytonemus pallidus* (mite) 6. *Erwinia chrysanthemi* pv. d*ieffenbachiae* (Stem rot) 7. *Pseudomonas viridiflava* 8. *Phytophthora cryptogea* (Foot rot) 9. *Rhizobium rhizogenes* |

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| 516. | *Philotheca myoporoides*  (Wax flower) | Plants/cuttings for propagation | USA | Nil | 1. Post-entry quarantine for a period of 6 months. 2. Free from soil. |
| 517. | *Phlox* spp. (Phlox) | Seeds for sowing | 1. Europe 2. USA 3. Japan 4. Australia | Free from:   1. *Ditylenchus dipsaci* (Brown ring disease of hyacinth) 2. Tobacco rattle virus (Spraing of potato). | 1. Free from soil and quarantine weed seeds. 2. Crop inspection and   certification for free from tobacco rattle virus. |
| (ii) Europe | Nil | Free from soil and quarantine  weed seeds. |
| 518. | *Phoenix spp.* | Seeds for sowing | Any country (Except from African, American, Caribbean, Philippines And Soloman  Island countries) | Nil | Free from quarantine weeds seeds and soil contamination. |
| 519. | *Phoenix dactylifera*  (Date palm) | (i) Suckers/Plants for planting | Any Country | Free from:   1. Bayood (*Fusarium oxysporum* f.sp. *albedinis*) 2. Palm lethal yellowing (Phytoplasmas) 3. Texas root rot (*Phymatotrichum omnivorum*) 4. American palm weevil (*Rhyncophorus palmarum*) | 1. Import subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture. 2. Post-entry quarantine for a period of one year. |
| (ii) Tissue cultured plants for propagation | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| (iii) Fresh/Dry fruits for consumption | Any Country | Free from Palm kernel borer (*Pachymerus lacerdae*) | Fumigation with Methyl bromide @ 16 g/m3 for 24 hrs at 210C and above under NAP and the treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant  Protection Adviser. |
| 520. | *Phormium* spp. | (i) Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| (ii) Plants for  propagation | Australia | Nil | Post-entry quarantine growing for a period of 45 days. |
| 521. | *Phyllostachys* spp.  (Bamboo) | (i) Seeds for  sowing | 1. Thailand 2. China | Nil | Free from quarantine weed seeds. |

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|  |  | (ii) Stem cuttings/ saplings for propagation | China | Free from:   1. Top blight (*Ceratosphaeria phyllostachydis*) 2. Clum base rot (*Arthrinium* spp.) 3. Witches broom (*Phytoplasma*) 4. Bamboo mosaic virus | Post-entry quarantine growing for a period of 45 days. |
| 522. | *Physalis peruviana*  (Cape gooseberry) | Cuttings/ grafts/ rooted plants for propagation | 1. Italy 2. Spain 3. USA | Free from *Aculops lycopersici* (tomato russet mite) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month except for research. |
| 523. | *Picea abies*  (Spruce) | (i) Wood with/ without bark | (i) North America | Free from:   1. *Pityogenes bidentatus* (Two-toothed pine beetle) 2. *Ips typograthus*(Spruce bark beetle) 3. *Dendroctonus micans* (European Spruce beetle) 4. *Pissodes* spp. (Pine weevil) 5. *Tomicus piniperda* (Beetle, pine) (f)*Bursaphenchus xylophilus* (Pine wood nematode) 6. *Gilpinia hercyniae* (Spruce sawfly) 7. *Gremmeniella abietina* (Brunchorstia disease) 8. *Heterobasidion parviporum* 9. *Hylurgops palliatus* (Lesser spruce shoot beetle) 10. *Neonectria fuckeliana* (Flute canker of radiata pine) 11. *Ophiostoma piceae* (Vascular mycosis of oak) 12. *Otiorhynchus singularis* (Clay coloured weevil) 13. *Sirex juvencus* (Steel-blue woodwasp) 14. *Sirococcus conigenus* (Sirococcus blight of conifers) 15. *Tetropium fuscum* (Brown spruce longhorn beetle) 16. *Trypodendron lineatum* (Striped ambrosia beetle) 17. *Xylosandrus germanus* (Black timber bark beetle) 18. *Arceuthobium pusillum* (Eastern dwarf mistletoe) 19. *Choristoneura fumiferana* (Spruce budworm) 20. *Leptographium procerum* (White pine root decline) 21. *Neodiprion sertifer* (European pine sawfly) 22. *Operophtera brumata* (Winter moth) 23. *Orgyia antiqua* (European tussock moth) 24. *Rhyacionia buoliana* (European pine shoot moth) 25. *Sirex noctilio* (Wood wasp)   (aa) *Chrysomyxa pirolata* (Inland spruce cone rust) (bb) *Chrysomyxa rhododendri* (European | Fumigation with Methyl bromide  at 48 g/m3 for 24 hrs. at 210C and |
|  |  |  |  | above or equivalent thereof or |
|  |  |  |  | heat treatment at 560C (core |
|  |  |  |  | temperature) for 30 minutes or |
|  |  |  |  | any other treatment approved by |
|  |  |  |  | Plant Protection Adviser. |
|  |  |  |  | The treatment should be endorsed |
|  |  |  |  | on Phytosanitary Certificate |
|  |  |  |  | issued at the country of origin/re- |
|  |  |  |  | export. |

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|  |  |  |  | Rhododendron rust)  (cc) *Cydia strobilella* (Spruce seed moth)  (dd) *Dryocoetes autographus* (Spruce Bark beetle ) (ee) *Endocronartium harknessii* (Western gall rust) (ff) *Neonectria radicicola* (Black root of strawberry) (gg) *Petrova albicapitana* (Northern pitch twig moth) |  |
|  | (ii) China | Free from:   1. *Dendroctonus micans* (European Spruce beetle) 2. *Ips typograthus* (Spruce bark beetle) 3. *Heterobasidion parviporum* 4. *Hylobius abietis* (Large pine weevil) 5. *Hylurgops palliatus* (Lesser spruce shoot beetle) 6. *Ips duplicatus* (Double-spined bark beetle) 7. *Lymantria monacha* (Nun moth) 8. *Thekopsora areolata* (Cherry spruce rust) 9. *Trypodendron lineatum* (Striped ambrosia beetle) 10. *Xylosandrus germanus* (Black timber bark beetle) 11. *Bursaphelenchus xylophilus* (Pine wilt nematode) 12. *Monochamus alternatus* (Japanese pine sawyer); 13. *Monochamus galloprovincialis* (Pine sawyer); 14. *Chrysomyxa rhododendri* (European Rhododendron rust); 15. *Cydia strobilella* (Spruce seed moth) 16. *Dendrolimus pini* (Pine-tree lappet) 17. *Neonectria radicicola* (Black root of strawberry) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re- export. |
| (iii) Africa | Free from :  (a) *Hylobiud abietis* (Fir-tree weevil) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (iv) Europe | Free from:   1. *Pityogenes bidentatus* (Two-toothed pine beetle) 2. *Ips typograthus* (Spruce bark beetle) 3. *Dendroctonus micans* (European Spruce beetle) 4. *Pissodes* spp. (Pine weevil) 5. *Tomicus piniperda* (Beetle, pine) 6. *Zeiraphera* spp. | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

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|  |  |  | (v) Malaysia | Nil | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country  of origin/re-export. |
| 524. | *Picea engelmannii* | Wood with/without bark | Canada | Free from:   1. *Choristoneura fumiferana* (Spruce budworm) 2. *Choristoneura occidentalis* (western spruce budworm) 3. *Dendroctonu sponderosae* (black hills beetle) 4. *Dendroctonus rufipennis* (spruce beetle) 5. *Dryocoetes confuses* (western balsam bark beetle) 6. *Monochamus notatus* (northeastern sawyer) 7. *Trypodendron lineatum* (striped ambrosia beetle) 8. *Bursaphelenchus xylophilus*(pine wilt nematode) 9. *Heterobasidion annosum* 10. *Heterobasidion parviporum* 11. *Lambdina fiscellaria* (eastern hemlock looper) 12. *Sirococcus conigenus* (sirococcus blight of conifers) 13. *Choristoneura freemani* (western spruce budworm) 14. *Ips pini* (pine engraver) 15. *Lymantria dispar* (gypsy moth) 16. *Orgyia pseudotsugata* (douglas-fir tussock moth) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at |
|  |  |  |  | 210C and above or equivalent |
|  |  |  |  | thereof under NAP or heat |
|  |  |  |  | treatment at 560C (core |
|  |  |  |  | temperature) for 30 minutes or |
|  |  |  |  | any other treatment approved by |
|  |  |  |  | Plant Protection Adviser to the |
|  |  |  |  | Government of India. |
|  |  |  |  | The treatment should be endorsed |
|  |  |  |  | on Phytosanitary Certificate |
|  |  |  |  | issued at the country of origin/re- |
|  |  |  |  | export. |
| 525. | *Picea glauca* | Wood with/ | Canada | Free from:   1. *Choristoneura fumiferana* (spruce budworm) 2. *Choristoneura occidentalis* (western spruce budworm) 3. *Choristoneura pinus pinus* (jack-pine budworm) 4. *Dendroctonus rufipennis* (spruce beetle) 5. *Monochamus notatus* (northeastern sawyer) 6. *Monochamus titillator* (southern pine sawyer) (g)*Pissodes nemorensis* (northern pine weevil) 7. *Heterobasidion parviporum* 8. *Arceuthobium pusillum* (eastern dwarf mistletoe) 9. *Gilpinia hercyniae* (spruce sawfly) 10. *Lambdina fiscellaria (eastern hemlock looper)* 11. *Sirococcus conigenus* (sirococcus blight of conifers) | Fumigation with Methyl |
|  |  | without bark |  | bromide at 48 g/m3 for 24 hrs. at |
|  |  |  |  | 210C and above or equivalent |
|  |  |  |  | thereof under NAP or heat |
|  |  |  |  | treatment at 560C (core |
|  |  |  |  | temperature) for 30 minutes or |
|  |  |  |  | any other treatment approved by |
|  |  |  |  | Plant Protection Adviser to the |
|  |  |  |  | Government of India. |
|  |  |  |  | The treatment should be |
|  |  |  |  | endorsed on Phytosanitary |
|  |  |  |  | Certificate issued at the country |
|  |  |  |  | of origin/re-export. |

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|  |  |  |  | 1. *Bursaphelenchus xylophilus* (pine wilt nematode) 2. *Choristoneura freemani* (western spruce budworm) 3. *Gremmeniella abietina* (Brunchorstia disease) 4. *Ips pini* (pine engraver) 5. *Lymantria dispar* (gypsy moth) 6. *Orgyia leucostigma* (white-marked tussock moth) (s)*Tetropium fuscum* (brown spruce longhorn beetle)   (t) *Polygraphus rufipennis* (foureyed spruce bark beetle) |  |
| 526. | *Picea sitchensis* | Wood with/without bark | (i) Canada | Free from:   1. *Dendroctonus rufipennis* (spruce beetle) 2. *Operophtera brumata*(winter moth) 3. *Sirex juvencus* (steel-blue woodwasp) 4. *Trypodendron ineatum* (striped ambrosia beetle) (e)*Bursaphelenchus xylophilus* (pine wilt nematode) 5. *Heterobasidion annosum* 6. *Heterobasidion parviporum* 7. *Gilpinia hercyniae* (spruce sawfly) 8. *Lambdina fiscellaria* (eastern hemlock looper) 9. *Pityogenes chalcographus* (sixtoothed spruce bark beetls) 10. *Sirococcus conigenus* (sirococcus blight of conifers) 11. *Ips plastographus* (California pine engraver) 12. *Phytophthora ramorum* (sudden oak death (SOD)) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof under NAP orheat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/reexport. |
| (ii) Ivory Coast | Nil | 1. Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof under NAP or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India.   The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export.   1. Free from quarantine weed seeds, soil and other plant debris. |

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| 527. | *Picea mariana* | Wood with/without bark | Canada | Free from:   1. *Chrysomyxa pirolata* (Inland spruce cone rust ) 2. *Cydia strobilella* (Spruce seed moth) 3. *Dryocoetes affaber* (Spruce Bark beetle) 4. *Dryocoetes autographus* (Spruce Bark beetle) 5. *Hylobius congener* (Seedling debarking weevil) 6. *Ips perturbatus* (Northern spruce engraver) 7. *Polygraphus rufipennis* (Foureyed Spruce Bark beetle) 8. *Arceuthobium pusillum* (eastern dwarf mistletoe) 9. *Dendroctonus rufipennis* (spruce beetle) 10. *Gilpinia hercyniae* (spruce sawfly) 11. *Lambdina fiscellaria* (eastern hemlock looper) 12. *Lymantria dispar* (gypsy moth) 13. *Pissodes nemorensis* (northern pine weevil) 14. *Sirococcus conigenus* (sirococcus blight of conifers) 15. *Bursaphelenchus xylophilus* (pine wilt nematode) 16. *Choristoneura fumiferana* (spruce budworm) 17. *Choristoneura pinus pinus* (jack-pine budworm) 18. *Gremmeniella abietina* (Brunchorstia disease) (s)*Tetropium fuscum* (brown spruce longhorn beetle) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof under NAP or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 528. | *Picea rubens* | Wood with/without bark | Canada | Free from:  (a) *Arceuthobium pusillum* (Eastern dwarf mistletoe) (b)*Bursaphelenchus xylophilus* (Pine wilt nematode)   1. *Dendroctonus rufipennis* (Spruce beetle) 2. *Gremmeniella abietina* (Brunchorstia disease) 3. *Heterobasidion annosum* 4. *Ipspini* (Pine engraver) 5. *Lambdina fiscellaria* (Eastern hemlock looper) 6. *Monochamus marmorator* (Balsam fir sawyer)   (i) *Sirococcus conigenus* (Sirococcus blight ofconifers)   1. *Tetropium fuscum* (Brown spruce longhornbeetle ) 2. *Gilpinia hercyniae* (spruce sawfly) 3. *Choristoneura fumiferana* (spruce budworm) 4. *Lymantria dispar* (gypsy moth) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof under NAP or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/reexport. |
| 529. | *Pimenta racemosa* | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a growing period of 6-9   months. |

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| 530. | *Pinus taeda* | (i) Timber logs with/ without bark for consumption | (i) Australia | Free from:   1. *Sirex noctilio* (woodwasp) 2. *Heterobasidion araucariae* | Fumigation with Methyl bromide 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary  certificate issued at the Country of Origin/re-export. |
| (ii) USA | Free from:   1. *Ips calligraphus* (Six-spined ips) 2. *Monochamus carolinensis* (Pine sawyer) 3. *Pineus boerneri* (Pine woolly aphid) 4. *Pissodes nemorensis* (Northern pine weevil) 5. *Sirex noctilio* (Woodwasp) 6. *Bursaphelenchus xylophilus* (Pine wilt nematode) 7. *Atropellispiniphila* (Twig blight of pine) 8. *Gibberella circinata* (Pitch canker) 9. *Heterobasidion annosum* 10. *Leptographium procerum* (White pine root decline) | Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. 210C and above or equivalent Thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| 531. | *Piratinera guianenesis*  (Snakewood) | Wood with and without bark | Central & South America | Nil | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary  Certificate issued at the country of origin/re-export. |
| 532. | *Pistacia vera*  (Pistachio nut) | Cuttings/ grafts/ rooted plants for propagation | Iran | Free from *Phytophthora cryptogea* (foot rot) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for   research. |

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| 533. | *Pisum* spp. (Pea) | (i) Seeds for sowing | Any Country | Free from:   1. Pod and stem blight (*Phomopsis logicolla*) 2. Stem and bulb nematode (*Ditylenchus dipsaci*) 3. Pea cyst nematode (*Heterodera goettingiana*) 4. Bruchids (*Bruchidius* spp. *Specularis impressithorax*) 5. Pea viruses viz. early-browning, enation mosaic and green mottle. | 1. Free from soil. 2. Free from quarantine weed seeds 3. Seed shall be appropriately treated with suitable fungicide and treatment shall be endorsed on the Phytosanitary Certificate. |
| (ii) Seeds for consumption or processing | Any Country | Free from:   1. Stem and bulb nematode (*Ditylenchus dipsaci*) 2. Pea cyst nematode (*Heterodera goettingiana*) 3. Bruchids (*Bruchidius* spp. *Specularis impressithorax*) | Fumigation with Methyl bromide @ 32 g/m3 at @ 210C and above under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this  purpose. |
| 534. | *Pisum sativum*  (Snow pea) | Fresh vegetable for consumption | Thailand | Nil | Free from soil. |
| 535. | *Pisum sativum* (peas) | Seeds (Frozen green peas) for consumption | China | Free from:   1. *Adelphocoris lineolatus* (lucerne bug) 2. *Halyomorpha halys* (brown marmorated stink bug) 3. *Peridroma saucia* (pearly underwing moth)   (d *Ditylenchus dipsaci* (stem and bulb nematode)   1. *Pseudomonas viridiflava* (bacterial leaf blight of tomato (USA)) 2. Broad bean wilt virus 3. Lettuce mosaic virus 4. Peanut stunt virus (peanut stunt) | 1. Free from quarantine weed seeds, soil and other plant debris. 2. Pest-free area status for *Ditylenchus dipsaci* (Stem and bulb nematode) as per international standards or 3. Fumigation with Methyl bromide @ 48 g/m3 for 24 hrs. at 210C and above under NAP before processing & freezing and the treatment to be endorsed on Phytosanitary Certificate of by any other phytosanitary treatment in the manner approved by the Plant Protection Adviser   for this purpose. |
| (ii) Belgium (iii)United Kingdom | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Rhodococcus fascians* (fasciation: leafy gall) 3. Pea early browning virus | 1. The consignment should be free from contamination of soil, weed seeds and other plant debris. 2. Pre-shipment freezing at - 180C or below for 7 days or   above. The treatment should |

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| 536. | *Plumeria rubra* | (i) Plants for propagation | (i) USA | Free from;   1. *Aspidiotus nerii* (Acuba scale) 2. *Selenaspidus articulates* (West Indian red scale) | Post-entry quarantine growing for a period of 45 days. |
| (ii) Australia | Free from *Aspidiotus nerii* (acuba scale) | Post-entry quarantine rowing for  a period of 45 days. |
| 1. Thailand 2. Singapore | Nil | Post-entry quarantine growing for a period of 45 days. |
| (ii) Tissue cultured  plants | Any Country | Nil | Post-entry quarantine growing for a period of 45 days. |
| 537. | *Poa pratensis*  (Kentucky blue grass) | Seeds for sowing | USA | Free from:   1. *Anguina agrostis* (Bentgrass nematode) 2. *Claviceps purpurea* (ergot) 3. *Monographella nivalis* (foot rot:cereals) 4. *Sclerotinia homoeocarpa* (dollar spot: grasses) 5. *Pantoea stewartii* (Bacterial leaf blight of maize) | 1. Imports permitted subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Free from soil and quarantine weed seeds. |
| 538. | *Polygala myrtifolia/ Polygala paniculata* | 1. Seeds for sowing 2. Cuttings | USA | Nil | 1. Free from soil. and quarantine weed seeds 2. Post-entry quarantine for a period of one growth season except for research |
| 539. | *Polypodium* spp. (Polypodium) | Plants for  propagation | Any Country | Nil | Post-entry quarantine for a period of 45 days. |
| 540. | *Polyscias* spp. (Polyscias) | Plants for  propagation | Any Country | Nil | Post-entry quarantine for a period of 45 days. |
| 541. | **Pome Fruits**: (Apple, Pear (*Pyrus* spp.) and Quince (*Cydonia spp.)*)*.* | (i) Cuttings/ Saplings/ Bud wood for planting or propagation | Any Country | Free from:   1. Fire blight (*Erwinia amylovora*) 2. Crown gall (*Agrobacterium tumefaciens*) 3. Hairy root (*A.rhizogenes*) 4. Apple and pear rusts (*Gymnosporangium* spp) non Asiatic 5. Apple scar skin, apple stem grooving viruses. 6. Seed chalcid (*Megastigmus spermotrophus*) 7. Viruses/ phytoplasmas affecting Pomidae. | 1. Post-entry quarantine for a period of 1-2 years. 2. Import subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture. |
| (ii) Tissue cultured plants | Any Country | Certified that the planting material is obtained from mother stock indexed/tested and maintained free from viruses and phytoplasmas affecting Pomidae. | The above condition at (i) shall not apply. |
| (iii) Fresh fruits for consumption | (i) Australia | Free from:   1. *Bactrocera tryoni* (Queensland fruit fly) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Cydia pomonella* (Codling moth) | (a) Pest free status for *Bactrocera tryoni*(Queensland fruit fly) and *Ceratitis capitata*  (Mediterranean fruit fly) as |

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|  |  |  |  | 1. *Epiphyas postvittana* (Light brown apple moth) 2. *Pseudococcus calceolariae* (Scarlet mealybug) | per international standards or  (b) Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days plus in transit refrigeration  against Queensland fruit fly |
| (ii) Canada | Free from :   1. *Cydia molesta* (Oriental fruit moth) 2. *Erwinia amylovora* (Fireblight) 3. *Pandemis heparana* (apple brown tortrix) 4. *Peridroma saucia* (pearly under wing moth) 5. *Pseudococcus comstocki* (Comstock mealy bug) 6. *Rhagoletis pomonella* (apple maggot) | ((a) Pest free area status for *Rhagoletis pomonella* (Apple maggot) as per international standard or  (b) Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against *Rhagoletis pomonella*  (Apple maggot) |
| (iii) Chile | Free from *Ceratitis capitata* (Mediterranean fruit fly) | 1. Pest free status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit   fly |
| (iv) China | Free from:   1. *Adoxophyes orana* (summer fruit tortrix) 2. *Cydia funebrana* (red plum maggot) 3. *Cydia inopinata* (Manchurian fruit moth) 4. *Cydia molesta* (Oriental fruit moth) 5. *Cydia pomenalla* (Codling moth) 6. *Pandemis cerasana* (Common twist moth) 7. *Pandemis heparana* (apple brown tortrix) 8. *Peridroma saucia* (Pearly underwing moth) | 1. Pest free status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit   fly |

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|  |  |  | (v) France | Free from:   1. *Adoxophyes orana* (summer fruit tortrix) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Cydia funebrana* (red plum maggot) 4. *Cydia molesta* (oriental fruit moth) 5. *Cydia pomonella* (codling moth) 6. *Erwinia amylovora* (fire blight) 7. *Pandemis heparana* (apple browntortrix) 8. *Peridroma saucia* (pearly underwing moth) 9. *Pseudococcus calceolariae* (scarlet mealybug) | 1. Pest free status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit   fly |
| (vi) Iran | Free from *Cydia pomonella* (codling moth) | Nil |
| (vii) New Zealand | Free from:   1. *Cydia molesta* (oriental fruit moth) 2. *Cydia pomonella* (Codling moth) 3. *Epiphyas postvittana* (light brown apple moth) 4. *Erwinia amylovora* (fire blight) 5. *Pseudococcus calceolariae* (scarlet mealy bug) | Nil |
| (viii) South Africa | Free from:   1. *Ceratitis capitata* (Mediterranean fruit fly) 2. *Ceratitis rosa* (Natal fruit fly) 3. *Cydia molesta* (Oriental fruit moth) 4. *Cydia pomenella* (Codling moth) 5. *Erwinia amylovora* (fire blight) 6. *Pseudococcus calceolariae* (scarlet mealy bug) | 1. Pest free status for *Ceratitis capitata* Mediterranean fruit fly) and *Ceratitis rosa* (Natal fruit fly) or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit Fly. |
| (ix) USA | Free from :   1. *Ceratitis capitata* (Mediterranean fruit fly) 2. *Cydia pomonella* (codling moth) 3. *Epiphyas postvittana* (light brown apple moth) 4. *Erwinia amylovora* (firteblight) 5. *Pseudococcus calceolariae* (scarlet mealy bug) 6. *Pseudococcus comstocki* (Comstock mealy bug) 7. *Rhagoletis pomonella* (apple maggot) 8. *Anastrepha fraeerculus* (South American fruit fly) 9. *Anastrepha lundens* (Mexican fruit fly) 10. *Anastrepha serpentine* (Sapodilla fruit fly) 11. *Anastrepha suspense* (Caribbean fruit fly) 12. Anthonomus quadrigibbus (apple curculio) 13. Epidiaspis leperii (European pear scale) 14. *Grapholita molesta* (Oriental fruit fly) | 1. Pest free status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs @ 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly. The treatment should be endorsed   on Phytosanitary Certificate |

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|  |  |  | (x) Italy | Free from :   1. *Adoxophyes orana* (summer fruit tortrix) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Cydia funebrana* (red plum maggot) 4. *Cydia molesta* (oriental fruit moth) 5. *Erwinia amylovora* (fireblight) 6. *Pandemis cerasana* (common twist moth) 7. *Pandemis heparana* (apple brown tortrix) 8. *Peridroma saucia* (pearly underwing moth) 9. *Pseudococcus calceolariae* (scarlet mealy bug) | 1. Pest free status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit   fly |
| (xi) Brazil | Free from:   1. *Anastrepha fraterculus* (South American fruit fly) 2. *Anastrepha serpentine* (Sapodilla fruit fly) 3. *Grapholita molesta* (Oriental fruit moth) 4. *Pantomorus cervinus* (Fuller‟s rose beetle) 5. *Peridroma saucia* (Pearly underwing moth) 6. *Phytophthora cryptogea* (Tomato foot rot) 7. *Pseudococcus calceolariae* (Scarlet mealybug) 8. *Pseudococcus Comstocki* (Comstock mealybug)   i. *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA))  j. *Venturia pyrina* (Black spot of pear) | Pre-shipment/ in transit cold treatment at zero degree Celsius (00C) for 40 days.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (xii) Poland | Freedom from:   1. *Adoxophyes orana* (Summer fruit tortrix) 2. *Archips podana* (Great brown twist moth) 3. *Aspidiotus nerii* (Aucuba scale) 4. *Epidiaspis leperii* (European pear scale) 5. *Erwinia amylovora* (Fire blight) 6. *Frankliniella occidentalis* (Western flower thrips) 7. *Orthosia cerasi* (Common quaker) 8. *Peridroma saucia* (Pearly underwing moth) | Fumigation by Methyl Bromide at 32 g/m3 for 2 hrs at 210C or equivalent thereof. **Or**  Pre-shipment cold treatment at 00C or below for 10 days; or 0.550C or below for 11 days; or 1.10C or below for 12 days plus in-transit refrigeration.  The treatment shall be endorsed on Phytosanitary Certificate  issued at the country of origin/re-export. |

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|  |  |  | (xiii) Afghanistan | Free from:   1. *Byturus tomentosus* (raspberry beetle) 2. *Venturia pyrina* (black spot of pear) | 1. Methyl bromide fumigation @ 32 g/m3 for 2 hrs @ 210C or above at NAP or equivalent thereof against *Byturus tomentosus* (Raspberry beetle) 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in- transit refrigeration against *Byturus tomentosus* (Raspberry beetle). The treatment should be endorsed on Phytosanitary Certificate issued at the   country of origin/re-export. |
| (xiv) Belgium | Free from:   1. *Adoxophyes orana* (Summer fruit tortrix) 2. *Ametastegia* 3. *Archips podana* (Great browntwist moth) 4. *Byturus tomentosus* (Raspberry beetle) 5. *Caliroa cerasi* (Pear andcherryslugworm) 6. *Epidiaspis leperii* (European pear scale) 7. *Frankliniella occidentalis* (Western flower thrips) 8. *Grapholita funebrana* (Red plum maggot)   (i) Gymnosporangium fuscum (European pear rust)   1. *Harmonia axyridis* (Harlequin ladybird) 2. *Hoplocampa* 3. *Leucoptera malifoliella* (Pear leaf blister moth) 4. *Operophtera brumata* (Winter moth) 5. *Orthosia cerasi*(Common quaker) 6. *Ostrinia nubilalis* (European maize borer) 7. *Pandemis heparana* (Apple brown tortrix) 8. *Peridroma saucia* (Pearly underwing moth) 9. *Venturia pyrina* (Black spot of pear) 10. *Erwinia amylovora* (Fireblight) 11. Apple stem pitting virus (Apple spy 227 epinasty & decline) | Methyl bromide fumigation @  32 g/m3 for 2 hrs @ 210C or above at NAP or Equivalent there of against *Byturus tomentosus* (Raspberry beetle). The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

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|  |  |  | (xv) Argentina | Free from:   1. *Ametastegia spp.*(Sawflies) 2. *Anastrepha fraterculus* (South American fruit fly) 3. *Grapholita molesta* (Oriental fruit moth) 4. *Harmonia axyridis* (Harlequin ladybird) 5. *Pantomorus cervinus* (Fuller's rose beetle) 6. *Peridroma saucia* (Pearly underwing moth) 7. *Phytophthora cryptogea* (Tomato foot rot) 8. *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA)) | Pre-shipment/In-transit cold treatment @ 0.00C for 40 days. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (xvi) Bulgaria | Free from :   1. *Aculus schlechtendali* (Apple rust mite) 2. *Adoxophyes orana* (Summer fruit tortrix) 3. *Ametastegia* (Sawflies) 4. *Archips podanus* (Great brown twist moth) 5. *Byturus tomentosus* (Raspberry beetle) 6. *Ceratitis capitata* (Mediterranean fruit fly) 7. *Cornu aspersum/Helix aspera* (Common snail). 8. *Epidiaspis leperii* (European pear scale) 9. *Erwinia amylovora* (Fireblight) 10. *Frankliniella occidentalis* (western flower thrips) 11. *Grapholita funebrana* (Red plum maggot) 12. *Grapholita molesta* (Oriental fruit moth) 13. *Harmonia axyridis* (Harlequin ladybird) 14. *Hedya nubiferana* (bud moth) 15. *Hoplocampa* spp. 16. *Lacanobia oleracea* (Bright-line brown- eye moth) 17. *Leucoptera malifoliella* (Pear leaf blister moth) 18. *Metcalfa pruinosa* (Frosted moth-bug) 19. *Orthosia cerasi* (Common quaker) 20. *Pandemis heparana*(Apple brown tortrix) 21. *Peridroma saucia* (Pearly underwing moth) 22. *Phytophthora cryptogea* (Tomato foot rot) 23. *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA))   (x) *Venturia pyrina* (Black spot of pear) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against fruit fly and 2. Methyl Bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof.   The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/re-export. |

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|  |  |  | (xvii) Spain | Free from:   1. *Adoxophyes orana*(Summer fruit tortrix) 2. *Ametastegia* (Sawflies) 3. *Byturus tomentosus*(Raspberry beetle) 4. *Ceratitis capitata* (Mediterranean fruit fly) 5. *Cornu aspersum/Helix aspera* (Common snail). 6. *Cydia pomonella* (Codling moth) 7. *Dorosophila simulans* 8. *Epidiaspis leperii*(European pear scale) 9. *Erwinia amylovora*(Fireblight) 10. *Frankliniella occidentalis*(western flower thrips) 11. *Grapholita funebrana*(Red plum maggot) 12. *Grapholita molesta*(Oriental fruit moth) 13. *Harmonia axyridis*(Harlequin ladybird) 14. *Leucoptera malifoliella*(Pear leaf blister moth) 15. *Metcalfa pruinosa*(Frosted moth-bug) 16. *Monilinia fructigena*(Blossom blight of fruit trees) 17. *Orthosia cerasi*(Common quaker) 18. *Pantomorus cervinus*(Fuller‟s rose beetle) 19. Peridroma saucia (Pearly underwing moth) 20. *Phytophthora cryptogea*(Tomato foot rot) 21. *Pseudococcus calceolariae*(Scarlet mealybug)   (v) *Pseudomonas viridiflava* (Bacterial leaf blight oftomato (USA))  (w) *Venturia pyrina* (Black spot of pear) | 1. Pest free status for *Ceratitis spp*. as per international standards   or   1. Pre shipment cold treatment at 0oC or below for 10 days; 0.55oC or below for 11 days; 1.1oC or below for 12 days plus in-transit refrigeration against fruit flies   or   1. MBr fumigation @ 32 g/cubic metre for 2 hrs at 21oC or above at NAP or equivalent thereof.   The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (xviii) United  Kingdom | Free from:   1. *Aculus schlechtendali* (apple rust mite) 2. *Adoxophyes orana* (summer fruit tortrix) 3. *Ametastegia glabrata* 4. *Archips podanus* (great brown twist moth) 5. *Blastobasis decolorella* 6. *Cydia pomonella* (codling moth) 7. *Forficula auricularia* 8. *Harmonia axyridis* (harlequin ladybird) 9. *Hoplocampa testudinea* 10. *Quadraspidiotus pyri* 11. *Syndemis musculana* | a) Methyl Bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

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|  |  |  | (xix) Netherlands | Free from:   1. *Aculus schlechtendali* (apple rust mite) 2. *Adoxophyes orana* (summer fruit tortrix) 3. *Archips podanus* (great brown twist moth) 4. *Botrytis cinerea* 5. *Cydia pomonella* (codling moth) 6. *Harmonia axyridis* (harlequin ladybird) 7. *Hedya nubiferana* (bud moth) 8. *Monilinia fructigena* (brown rot) 9. *Orthosia cerasi* (common quaker) 10. *Pencillium expansum* 11. *Pezicula alba* 12. *Pezicula malicorticis* (apple anthracnose) 13. *Phytophthora cactorum* 14. *Phytophthora cryptogea* (tomato foot rot) 15. *Phytophthora syringae* 16. *Venturia inaequalis* 17. *Venturia pyrina* (black spot of pear) | 1. Pre shipment cold treatment at 0oC or below for 13 days; 0.55oC or below for 14 days; 1.1oC or below for 18 days plus in-transit refrigeration against fruit flies   or   1. MBr fumigation @ 32 g/cubic metre for 2 hrs at 21oC or above at NAP or equivalent thereof.   The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (ii) *Malus domestica* (Apple) | (iii) Fruits for  consumption | (i) Afghanistan | Free from:   1. *Byturus tomentosus* (Raspberry beetle) 2. *Venturia pyrina* (Black spot of pear) | 1. Pest free status for *Byturus tomentosus* (Raspberry beetle) as per international standards or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against *Byturus tomentosus* (Raspberry beetle) or 3. Methyl bromide fumigation @ 32 g/m3 for 2 hrs @ 210C or above at NAP or equivalent thereof against *Byturus tomentosus*   (Raspberry beetle)*.* |

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|  |  |  | (ii) Belgium | Free from:   1. *Adoxophyes orana* (Summer fruit tortrix) 2. *Ametastegia* 3. *Archips podana* (great browntwist moth) 4. *Byturustomentosus* (raspberry beetle) 5. *Caliroa cerasi* (pear andcherryslugworm) 6. *Epidiaspis leperii* (European pear scale) 7. *Frankliniella occidentalis* (Western flower thrips) 8. *Grapholita funebrana* (Red plum maggot) 9. *Harmonia axyridis* (Harlequin ladybird) 10. *Hoplocampa* 11. *Leucoptera malifoliella* (Pear leaf blister moth) 12. *Operophtera brumata* (Winter moth) 13. *Orthosia cerasi* (Common quaker) 14. *Ostrinia nubilalis* (European maize borer) 15. *Pandemisheparana* (apple brown tortrix) 16. *Peridroma saucia* (pearly underwing moth) 17. *Venturia pyrina* (black spot of pear) 18. *Erwinia amylovora* (fireblight) | 1. Pest free status for *Byturus tomentosus* (raspberry beetle) as per international standards or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against *Byturus tomentosus* (Raspberry beetle) or 3. Methyl bromide fumigation @ 32 g/m3 for 2 hrs @ 210C or above at NAP or equivalent thereof against *Byturus tomentosus* (Raspberry beetle) |
| (iii) Romania | Free from:   1. *Adoxophyes orana* (Summer fruit tortrix) 2. *Ametastegia* 3. *Archips podana* (Great brown twist moth) 4. *Epidiaspis leperii* (European pear scale) 5. *Frankliniella occidentalis* (Western flowerthrips) 6. *Grapholita funebrana* (Red plum maggot) 7. *Grapholita molesta* (Oriental fruit moth) 8. *Hedya nubiferana* (Bud moth) 9. *Hoplocampa* 10. *Leucoptera malifoliella* (Pear leaf blister moth) 11. *Orthosia cerasi* (common quaker) 12. *Ostrinia nubilalis* (European maize borer) 13. *Pandemis heparana* (apple brown tortrix) 14. *Peridroma saucia* (pearly underwing moth) 15. *Venturia pyrina* (black spot of pear) 16. *Erwinia amylovora* (fireblight) 17. Apple stem pitting virus (Apple Spy 227 epinasty & decline) | 1. Pest free status for *Grapholita funebrana* (Red plum maggot) and *Grapholita molesta* (Oriental fruit moth) as per international standards or 2. Methyl Bromide fumigation @ 32 g/m3 for 2 hrs @ 210C or above at NAP or equivalent thereof against *Grapholita funebrana* (Red plum maggot) and *Grapholita molesta* (oriental fruit moth) or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against *Grapholita funebrana* (Red plum maggot) and *Grapholita molesta* (Oriental fruit moth). |

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| (iv) Turkey | Free from   1. *Byturus tomentosus* (raspberry beetle) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Epidiaspis leperii* (European pear scale) 4. *Frankliniella occidentalis* (Western flowerthrips) 5. *Grapholita funebrana* (red plum maggot) 6. *Grapholita molesta* (Oriental fruit fly) 7. *Hedya nubiferana* (bud moth) 8. *Hoplocampa* 9. *Lymantria monacha* (nun moth) 10. *Erwinia amylovora* (fire blight) 11. Tomato ring spot virus (ringspot of tomato) | 1. Pest free status of *Ceratitis capitata* (Mediterranean fruit fly) as per International Standarad or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly. |
| (iii) *Pyrus communis*  (Pears) | (iii) Fruits for consumption | (i) Belgium | Free from:   1. *Adoxophyesorana* (summer fruit tortrix) 2. *Archips podana* (great brown twist moth) 3. *Cacopsylla pyri* (pear sucker) 4. *Cacopsylla pyricola* (psyllid, pear) 5. *Caliroa cerasi* (pear and cherry slugworm) 6. *Epidiaspisleperii* (European pear scale) 7. *Harmonia axyridis* (harlequin ladybird) 8. *Hoplocampa* 9. *Leucoptera malifoliella* (pear leaf blister moth) 10. *Operophtera brumata* (winter moth) 11. *Peridroma saucia* (pearly underwing moth) 12. *Epitrimerus pyri* (pear rust mite) 13. *Helix aspersa* (common snail) 14. *Gymnosporangium fuscum* (European pear rust) 15. *Venturia pyrina* (black spot of pear) 16. *Erwiniaamylovora* (fireblight) | Nil |
| (iv) Pyrus spp. | (iii) Fruits for consumption | (ii) South Korea | Free from:   1. *Aculus schlechtendali* (Apple rust mite) 2. *Adoxophyes orana* (Summer fruit tortrix) 3. *Botryosphaeria berengeriana f.sp*. *pyricola*   (Physalospora canker)   1. *Carposina sasakii* (Peach fruit moth) 2. *Grapholita molesta* (Oriental fruit moth) 3. *Harmonia axyridis* (Harlequin ladybird) 4. *Metcalfa pruinosa* (Frosted moth-bug) 5. *Peridoma saucia* (Pearly underwing moth) | 1. Methyl bromide fumigation @ 32 g/m3 for 2 hrs @ 210C or above at NAP or equivalent thereof or 2. Pre-shipment in-transit cold treatment at 0.00C or below for 40 days.   The treatment should be endorsed on Phytosanitary certificate issued at the country of origin/re-export. |

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| 542. | *Populus nigra* | (i) Timber logs with/without bark | (i) Belgium | Free from   1. *Lymantria monacha* (nun moth) 2. *Anoplophora glabripennis* (Asian longhorned beetle) 3. *Cryptorhynchus lapathi* (Poplar and willow borer) 4. *Saperda carcharias* (Large poplar borer) 5. *Xanthomonas populi* (Bacterial canker of poplar) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary  Certificate issued at the country of origin/reexport. |
| (ii) Germany | Free from:   1. *Anoplophora glabripennis* (Asian longhorned beetle) 2. *Lymantria monacha* (nun moth) 3. *Tremexf uscicornis*(Tremex wasp) 4. *Heterobasidion annosum* 5. *Cryptorhynchus lapathi* (Poplar and willow borer) 6. *Saperda carcharias* (Large poplar borer) 7. *Xanthomonas populi* (Bacterial canker of poplar) 8. *Eutypa lata* (Eutypa dieback) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| 543. | *Portulaca spp.*  (Portulaca) | Seeds for sowing | 1. USA 2. Australia | Free from Tobacco rattle virus (Spraing of potato) | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from tobacco rattle virus. |
| (iii) Netherlands | Nil | Free from quarantine weed seeds. |
| (iv) Taiwan | Free from Aster yellows phytoplasma group | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from aster yellows phytoplasma group. |
| (v) UK | Free from:   1. *Duponchelia fovealis* (Southern European marshland pyralid) 2. *Peridroma saucia* (Pearly underwing moth) 3. *Phytonemus pallidus* (Strawberry mite) | Free from soil and quarantine weed seeds. |

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|  |  |  | (vi) Japan | Free from:   1. *Peridroma saucia* (Pearly underwing moth) 2. *Phytonemus pallidus* (Strawberry mite) | Free from soil and quarantine weed seeds. |
| 544. | *Populus euramericana*  (Poplar) | (i) Seeds forsowing | Canada | Nil | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (ii) Cuttings | Canada | Free from:   1. *Anoplophora glabripennis* 2. *Choristoneura rosaceana* 3. *Euproctis chrysorrhoea* 4. *Hyphantria cunea* 5. *Leucoma salicis* (satin moth) 6. *Lygus lineolaris* (plant bug) 7. *Malacosoma americanum* 8. *Malacosoma disstria* 9. *Operophtera brumata* 10. *Peridroma saucia* (pearly moth) 11. *Zeuzera pyrina* (leopard moth) 12. *Botryosphaeria stevensii* 13. *Cryptodiaporthe populea* (canker) 14. *Drepanopeziza populorum* 15. *Heterobasidion annosum* 16. *Heterobasidion parviporum* 17. *Hypoxylon mammatum* (canker) 18. *Mycosphaerella populorum* 19. *Ophiostoma piceae* 20. *Phellinus tremulae* 21. *Phytophthora cryptogea* (foot rot) 22. *Rhizobium rhizogenes* | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month. |
| 545. | Pot pourie/ dried decorative plant material | Decorative plant material (dried) for consumption | Any Country | Nil | 1. Fumigation with Methylbromide at 48 g/m3for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. 2. Free from quarantine weeds   seeds. |

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| 546. | *Pouteria caimito* | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a   growing period of 6-9 months. |
| 547. | *Pouteria locuma* | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a growing period of 6-9   months. |
| 548. | *Pouteria sapota* | (i) Plants for propagation | Thailand, Australia, USA | Nil | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers   Welfare |
| (ii) Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine for a growing period of 6-9 months. |
| 549. | *Pouteria viridis* | (i) Plants for propagation | Thailand, Australia, USA | Nil | 1. Post-entry quarantine growing for a period of 4-6 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers   Welfare |

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| 550. | *Primula* spp. (Primula) | Seeds for sowing | 1. Europe 2. USA 3. Japan | Nil | Free from soil and quarantine weed seeds. |
| (iv) Australia | Free from *Pseudomonas syringae* pv. *primulae* (leaf spot) | Free from quarantine weeds seeds. |
| 551. | *Protea* spp. | (i) Plants/ cuttings for propagation | (i) Australia | Nil | Post-entry quarantine for a period of 45 days. |
| (ii) USA | Free from:   1. *Botryosphaeria dothidea* (canker of almond) 2. *Botryosphaeria stevensii (Botryosphaeria*   disease, grapevine) | 1. Post-entry quarantine for a period of 10 months. 2. Free from soil. |
| (iii) Equador | Nil | 1. Post-entry quarantine for a period of 45 days. 2. Free from soil |
| (iv) Israel | Free from *Rosellinia necatrix* (dematophora root rot) | 1. Free from soil 2. Post-entry quarantine for a period of 45 days |
| 552. | *Prunus* spp. (Cherry) | Wood with/without bark | (i) USA | Free from:   1. *Scolytus rugulosus* (Shothole borer) 2. *Synanthedon exitiosa* (peachtree borer) 3. *Xyleborus dispar* (ambrosia beetle) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent there of or any other treatment duly approved by the Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary  Certificate issued at the Country of Origin/re-export. |
| (ii) North America (except USA) | Free from *Pseudococcus maritimus* (Grape mealybug) |
| (iii) Europe | Free from *Phenacoccus aceris* (Apple mealybug) |
| 553. | *Prunus avium* (Sakura/Stella/Cherry blossom) | Rooted cuttings for propagation | (i)Japan | Free from:   1. Peach wart disease 2. *Adoxophyes orana* (fruit tortrix) 3. *Caliroa cerasi* (cherry sawfly) 4. *Ceroplastes japonicus* (wax scale) 5. *Chaetocnema confinis* (flea beetle) 6. *Euproctis chrysorrhoea* 7. *Grapholita molesta* 8. *Homona magnanima* (tea tortrix) 9. *Hyphantria cunea* 10. *Malacosoma neustria* 11. *Operophtera brumata* 12. *Parabemisia myricae* 13. *Philaenus spumarius (* froghopper) 14. *Sphaerolecanium prunastri* 15. *Amphitetranychus viennensis* 16. *Phytophthora cryptogea* (foot rot) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month |

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|  |  |  |  | 1. *Pseudomonas viridiflav* 2. *Rhizobium rhizogenes* 3. *Arabis mosaic virus* 4. *Little cherry virus* 5. *Peach latent mosaic viroid* 6. *Prune dwarf virus* 7. *Tomato ringspot virus* |  |
|  |  |  | (ii) UK | Free from:   1. *Apiognomonia erythrostoma* (cherry leaf scorch) 2. Arabis mosaic virus (hop bare-bine) 3. Carnation ring spot virus 4. Cherry leaf roll virus (walnut ringspot) 5. Cherry rusty mottle disease (cherry rusty mottle (American) 6. Cherry virus A 7. *Choreutis pariana* (apple-and-thorn skeletonizer) 8. *Conotrachelus nenuphar* (plum curculio) 9. *Euproctis chrysorrhoea* (brown-tail moth) 10. *Grapholita molesta* (oriental fruit moth) 11. *Leucoptera malifoliella* (pear leaf blister moth) 12. Little cherry virus 13. *Operophtera brumata* (winter moth) 14. *Orgyia antiqua* (European tussock moth) 15. *Philaenus spumarius* (meadow froghopper) 16. *Phytophthora cryptogea* (tomato foot rot) 17. *Pseudomonas viridiflava* (bacterial leaf blight of tomato (USA) 18. Raspberry ring spot virus (ring spot of raspberry) 19. Strawberry latent ring spot virus (latent ring spot of strawberry) 20. *Thekopsora areolata* (cherry spruce rust) 21. Tomato ring spot virus (ring spot of tomato) 22. *Venturia cerasi* (cherry scab) 23. *Xyleborus dispar* (pear blight beetle) 24. *Yponomeuta padellus* (cherry ermine moth) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month. |
| 554. | *Prunus persica*  (Peach) | Scion/ budwoods/ graftsRooted plants for Propagation | (i) Iran | Free from:   1. *Agriotes lineatus* (wireworm) 2. *Aporia crataegi* (white butterfly) 3. *Aspidiotus nerii* (aucuba scale) 4. *Epidiaspis leperii* (pear scale) 5. *Operophtera brumata* 6. *Ostrinia nubilalis* (maize borer) 7. *Saturnia pyri* (giant moth) 8. *Sphaerolecanium prunastri* | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month. |

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|  |  |  |  | 1. *Thrips angusticeps* (field thrips) 2. *Xyleborus dispar* (pear beetle) 3. *Amphitetranychus viennensis* 4. *Xiphinema rivesi* 5. *Phytophthora cryptogea* (foot rot) 6. *Tomato ringspot virus* |  |
| (ii) USA | Free from:   1. *Acrosternum hilare* (green bug) 2. *Agriotes lineatus* (wireworm) 3. *Archips fuscocupreanus* 4. *Archips rosana* (leaf roller) 5. *Aspidiotus nerii* (aucuba scale) 6. *Ceresa alta* (buffalo treehopper) 7. *Conotrachelus nenuphar* 8. *Dysaphis plantaginea* (apple aphid) 9. *Edwardsiana rosae* (leafhopper) 10. *Epidiaspis leperii* (pear scale) 11. *Epiphyas postvittana* (apple moth) 12. *Frankliniella occidentalis* 13. *Grapholita molesta* (fruit moth) 14. *Grapholita packardi* (fruitworm) 15. *Grapholita prunivora* (plum moth) 16. *Homalodisca coagulata* 17. *Lygus lineolaris* (plant bug) 18. *Malacosoma americanum* 19. *Metcalfa pruinosa* 20. *Operophtera brumata* (winter moth) 21. *Orgyia leucostigma* (moth) 22. *Ostrinia nubilalis* (maize borer) 23. *Pantomorus cervinus* (rose beetle) 24. *Parabemisia myricae* (whitefly) 25. *Peridroma saucia* (pearly moth) 26. *Philaenus spumarius* (froghopper) (aa) *Platynota stultana* (leaf roller) (bb) *Scolytus schevyrewi* (bark beetle) (cc) *Sphaerolecanium prunastri*   (dd) *Spilonota ocellana*  (ee) *Spodoptera frugiperda*  (ff) *Synanthedon pictipes* (tree borer) (gg) *Thyridopteryx ephemeraeformis* (hh) *Xyleborus dispar* (pear beetle)  (ii) *Aculus fockeui* (plum rust mite) (jj) *Xiphinema diversicaudatum*  (kk) *Xiphinema rivesi* (dagger nematode) (ll) *Apiosporina morbosa* (black knot) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine growing for 6-9 month. |

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|  |  |  |  | (mm) *Armillaria tabescens* (root rot) (nn) *Botryosphaeria dothidea*  (oo) *Botryosphaeria obtuse* (pp) *Botryosphaeria stevensii* (qq) *Diaporthe eres*  (rr) *Eutypa lata* (Eutypa dieback) (ss) *Heterobasidion annosum*  (tt) *Nectria radicicola* (black root) (uu) *Phymatotrichopsis omnivora*  (vv) *Phytophthora citricola*  (ww) *Phytophthora cryptogea*  (xx) Peach rosette phytoplasma (yy) Peach yellows phytoplasma (zz) *Rhizobium rhizogenes*  (aaa) *American plum line pattern virus* (bbb)*Cherry green ring mottle virus* (ccc)*Cherry rasp leaf virus*  (ddd) *Cherry rusty mottle virus* (eee)*Peach rosette mosaic virus* (fff) *Prune dwarf virus*  (ggg) *Strawberry latent ringspot virus*  (hhh) *Tomato ringspot virus* |  |
| 555. | *Pseudotsuga menziesii*  (Douglas fir) | (i) Wood with/ withoutbark | (i) China | Free from:   1. *Dendroctonus pseudotsugae* (Dougles fir beetle) 2. *Bursaphenchus xylophilus* (Pine wood Nematode) 3. *Hylobius abietis* (Large pine weevil) 4. *Hylastes ater* (Black pine bark beetle) 5. *Phellinus weirii* (Laminated root rot) 6. *Phytophthora cryptogea* (Tomato foot rot) 7. *Sirex juvencus* (Steel-blue wood wasp) 8. *Trypodendron lineatum* (Striped ambrosia beetle) 9. *Amylostereum areolatum* (Sirex wasp fungus) 10. *Botryosphaeria laricina* (Shoot blight of larch) 11. *Hylotrupes bajulus* (House longhorn beetle) 12. *Ips typographus* (Eight-toothed bark beetle) 13. *Lymantria monacha* (Nun moth) 14. *Orthotomicus erosus* (Mediterranean pine beetle) 15. *Rhizobium rhizogenes* (Gall) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

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|  |  |  | (ii) North America | Free from:   1. *Dendroctonus pseudotsugae* (Dougles fir beetle) 2. *Bursaphenchus xylophilus* (Pine wood Nematode) 3. *Choristoneura freemani* (Western spruce budworm) 4. *Choristoneura fumiferana* (Spruce budworm) 5. *Choristoneura lambertiana* (Sugar pine Tortrix) 6. *Heterobasidion annosum* 7. *Lambdina fiscellaria* (Eastern hemlock looper) 8. *Monochamus notatus* (Northeastern sawyer) 9. *Ophiostoma wageneri* (Black-stain root disease) 10. *Orgyia pseudotsugata* (Douglas-fir tussock moth) 11. *Phaeocryptopus gaeumannii* (Swiss needle cast) 12. *Phellinus weirii* (Laminated root rot) 13. *Phytophthora cryptogea* (Tomato foot rot) 14. *Sirex juvencus* (Steel-blue woodwasp) 15. *Trypodendron lineatum* (Striped ambrosia beetle) 16. *Amylostereum areolatum* (Sirex wasp fungus) (q)*Gibberella circinata* (Pitch canker) 17. *Gremmeniella abietina* (Brunchorstia disease) 18. *Heterobasidion parviporum* 19. *Hylotrupes bajulus* (House longhorn beetle) 20. *Leptographium procerum* (White pine root decline)   (v) *Ophiostoma piceae* (Vascular mycosis of oak)   1. *Orthotomicus erosus* (Mediterranean pine beetle) 2. *Rhyacionia buoliana* (European pine shoot moth) 3. *Rhizobium rhizogenes* (Gall) 4. *Otiorhynchus ovatus* (Strawberry root weevil) (aa) *Polygraphus rufipennis* (Foureyed spruce   bark beetle) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |

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|  |  |  | (iii) New Zealand | Free from:   1. *Hylastes ater* (Black pine bark) 2. *Otiorhynchus ovatus* (Strawberry root weevil) 3. *Pseudocoremia suavis* 4. *Heterobasidion annosum* 5. *Leptographium procerum* (White pine root decline) 6. *Ophiostoma piceae* (Vascular mycosis of oak) 7. *Phaeocryptopus gaeumannii* (Swiss needle cast) 8. *Phytophthora cryptogea* (tomato foot rot) 9. *Phytophthora megasperma* (root rot)**)** 10. *Amylostereum areolatum* (Sirex wasp fungus) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (ii) Tissue culture plants | (i) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| (iii) Timber logs with/ without bark | (i) Australia | Free from:   1. *Hylastes ater* (black pine bark beetle) 2. *Heterobasidion annosum* 3. *Phytophthora cryptogea* (tomato foot rot) 4. *Rhizobium rhizogenes* (gall) 5. *Ergates spiculatus* (spined pine borer) 6. *Phaeocryptopus gaeumannii* (Swiss needle cast) 7. *Phytophthora megasperma* (root rot) 8. *Sirex juvencus* (steel-blue wood wasp) 9. *Amylostereum areolatum* (Sirex wasp fungus) 10. *Gibberella circinata (pitch canker)* 11. *Hylotrupes bajulus* (house longhorn beetle) 12. *Otiorhynchus ovatus* (strawberry root weevil) 13. *Ophiostoma piceae* (vascular mycosis of oak) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (ii) Fiji | Free from:   1. *Orthotomicus erosus* (Mediterranean pine beetle) 2. *Ergates spiculatus* (spined pine borer) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (iii) Papua New Guinea | Free from:   1. *Phytophthora cryptogea* (tomata foot rot) 2. *Ergates spiculatus* (spined pine borer) |
| (iv)South Africa | Free from:   1. *Hylotrupes bajulus* (house long horn beetle) 2. *Orthotomicus erosus* (Mediterranean pine beetle) 3. *Bursaphelenchus xylophilus* (pine wilt nematode) |

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|  |  |  |  | 1. *Gibberella circinata* (pitch canker) 2. *Leptographium procerum* (white pine root decline) 3. *Rhizobium rhizogenes* (gall) 4. *Ergates spiculatus* (spined pine borer) 5. *Ophiostoma piceae* (Vascular mycosis of oak) 6. *Phytophthora cryptogea* (trunk rot) 7. *Amylostereum areolatum* (Sirex wasp fungus) |  |
| (iv) Cone for tissue culture production | USA | Free from:-   1. *Barbara colfaxiana* (Douglas-fir cone moth) 2. *Choristoneura fumiferana* (Spruce budworm) 3. *Conophthorus radiatae* (Cone beetle, Monterey pine) 4. *Lambdina fiscellaria* (Eastern hemlock looper) 5. *Gibberella circinata* (Pitch canker) 6. *Gremmeniella abietina (*Brunchorstia disease) 7. *Phytophthora cryptogea* (Tomato foot rot) 8. *Sirococcus conigenus* (Sirococcus blight of conifers) 9. *Contarinia oregonensis* (Douglas-fir conegall midge) 10. *Dioryctria abietivorella* (Fir coneworm) | Nil |
| 556. | *Psidium cattleianum* | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine for a growing period of 6-9 months. |
| 557. | *Psidium friedrichsthalia* | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine for a   growing period of 6-9 months. |

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| 558. | *Psidium guajava*  (Guava) | (i) Fruits for consumption | Thailand | Free from:   1. *Bactrocera papayae* (papaya fruit fly) 2. *Bactrocera prifoliae* | 1. Pest free area status for *Bactrocera papaya* (Papaya fruit fly) and *Bactrocera prifoliae* as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 3½ hrs at 210C or above or equivalent thereof or 3. Pre-shipment cold treatment at 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days plus in-transit refrigeration against *Bactrocera papayae* (papaya fruit fly) and   *Bactrocera prifoliae*. |
| (ii) Plants for propagation | Thailand | Free from *Chondracris rosea* ( Citrus locust) | 1. Free from soil. 2. Post entry quarantine growing for a period of 10- 12 months. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers   Welfare |
| 559. | *Pteris*  (Pteris) | Plants for Propagation | Asia | Nil | Post-entry quarantine for a period of 45 days. |
| 560. | *Ptilotus spp.* | Tissue culture plants | Australia | Certified that the tissue culture plants were obtained form mother stock tested and maintained free from virus. | Nil |
| 561. | *Ptychosperma macarthurii* | Seeds for sowing | Any Country | Nil | Free from quarantine weeds seeds and soil contamination. |
| 562. | *Pueraria phaseoloides*  (Tropical Kadzu) | Seeds for sowing | Kenya | Nil | Free from soil and quarantine weed seeds |
| 563. | *Punica granatum*  (Pomegranate) | (i) Fruits for  consumption | Afghanistan | Nil | Nil |
| (ii) Plants (graft) for propagation | (i) USA | Free from:  (a) *Paracoccus marginatus* (papaya mealybug)  (a) *Pseudococcus comstocki* (Comstock mealy bug)   1. *Armillaria tabescens* (armillaria root rot) 2. *Rhizobium rhizogenes* | 1. Commercial imports permitted subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Post-entry quarantine growing for a period of 45   days. |

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|  |  |  | (ii) Europe | Free from *Apomyelois ceratoniae* (carob moth) | 1. Commercial imports permitted subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Post entry quarantine growing for a period of 45 days. |
| (iii) Scion/budwoods  /grafts/ rooted plants for propagation | (i) Afghanistan | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine growing for 6-9 month except for research. |
| (ii) Iran | Free from:   1. *Spodoptera littoralis* 2. *Zeuzera pyrina* (Leopard moth) |
| (iv) Plants/ cuttings for propagation | (iii) Israel | Free From:   1. *Apate monachus*(black borer) 2. *Lobesia botrana* (grape berry moth) 3. *Spodoptera littoralis* (cotton leafworm) 4. *Zeuzera pyrina* (moth, wood leopard) | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare 3. Post-entry quarantine for a   growing period of 6-9 months. |
| (v) Cuttings/ budwoods/ plants for propagation | (i) Yemen | Free from: *Spodoptera littoralis* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| 1. Azerbaijan 2. Georgia   (Republic)   1. Tajikistan, 2. Turkmenistan 3. Uzbekistan | Free from:   1. *Lobesia botrana* (grape berry moth) 2. *Pseudococcus comstocki* (Comstock mealybug) |
| (vii) Iran | Free from:   1. *Apomyelois ceratoniae* 2. *Lobesia botrana* 3. *Spodoptera littoralis* 4. *Zeuzera pyrina* (leopard moth) |
| (viii) Turkey | Free from:   1. *Lobesia botrana* 2. *Spodoptera littoralis* 3. *Zeuzera pyrina* |
| (ix) China | Free from:   1. *Pseudococcus comstocki* 2. *Rhizobium rhizogenes* (gall) | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 months |

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|  |  |  | (x) Thailand | Free from:   1. *Pseudococcus comstocki* 2. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 3. *Thosea sinensis* (nettle grub) | (iii) Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare |
| (xi) Syria | Free from:   1. *Apate monachus* (black borer) 2. *Lobesia botrana* 3. *Spodoptera littoralis* 4. *Zeuzera pyrina* |
| 564. | *Quassia amara*  (Quassia) | Wood with/without bark | 1. Mexico 2. Brazil | Nil | Fumigation with Methyl bromide at 48 g/m3for 24 hrs. at 210C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export |
| 565. | *Quercus* spp. (Maju phal) | Grains (seeds) for consumption | Iran | Nil | 1. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs. at 210C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from quarantine weed   seeds. |
| 566. | *Quercus spp.*  (Oak) | (i) Galls for consumption | (i) Turkey | Nil | Free from soil and other plant debris. |
| 567. | *Ranunculus* spp. (Ranunculus) | (i) Seeds for sowing | 1. Europe 2. USA | Free from *Ditylenchus dipsaci* (Brown ring disease  of hyacinth) | Free from quarantine weed seeds. |
| (iii) Japan | Free from:   1. *Ditylenchus dipsaci* (Brown ring disease of hyacinth) 2. Arabis mosaic virus (Hop bare-bine) | Free from quarantine weed seeds. |

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|  |  |  | (iv) Netherland | Free from:   1. *Ditylenchus dipsaci* (Brown ring disease of hyacinth) 2. Arabis mosaic virus (Hop bare-bine) | 1. Free from quarantine weed seeds and soil contamination 2. Seed crop inspection and certification for free from (a) and (b) by a competent authority at the country of origin. |
| (ii) Bulbs for propagation | Netherlands | Free from:   1. *Ditylenchus dipsaci* (brown ring disease of hyacinth) 2. Arabis mosaic virus (hop bare-bine) | 1. Free from soil. 2. Post-entry quarantine for one growth season. |
| (iii) Tissue culture plants | (i) Italy | a) Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from Impatiens necrotic spot virus (TSWV-1) | NIL |
| 568. | *Ranunculus arvensis* | Tissue culture plants | Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Post-entry quarantine for a period of 45 days. |
| 569. | *Raphanus sativus*  (Radish) | Seeds for sowing | (i) Australia | Free from :   1. *Pseudomonas viridiflava* 2. Turnip yellow mosaic virus | 1. Free from quarantine weed seeds 2. Seed crop inspection and certification for free from (b)   by a competent authority at the country of origin. |
| 1. Denmark 2. Hong Kong 3. Korea DPR 4. Vietnam | Nil | Free from quarantine weed seeds. |
| 1. Korea ROK 2. China | Free from *Pseudomonas viridiflava* (Bacterial leaf  blight of tomato ) | Free from quarantine weed seeds. |
| (viii) Italy | Free from :   1. *Pleosporum herbarum* (leaf blight of onion) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 3. Radish mosaic virus | 1. Free from quarantine weed seeds 2. Seed crop inspection and certification for free from (c)   by a competent authority at the country of origin |
| (ix) Japan | Free from :   1. *Pseudomonas viridiflava* (Bacterial leaf blight of tomato) 2. Radish mosaic virus | 1. Free from quarantine weed seeds 2. Seed crop inspection and certification for free from (b)   by a competent authority at the country of origin |
| (x) New Zealand | Freefrom *Pseudomonas viridiflava* (Bacterial leaf  blight of tomato) | Free from quarantine weed seeds. |

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|  |  |  | (xi) France | Free from:   1. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 2. *Xanthomonas campestris pv. campestris* (black rot) | Free from quarantine weed seeds. |
|  |  |  | (xii) Chile | Free from *Peridroma saucia* (Pearly underwing moth) | Freedom from quarantine weeds seeds |
| (xiii) Nepal | Free from *Pseudomonas viridiflava* (Bacterial leaf  blight of tomato) | Freedom from quarantine weeds  seeds and soil contamination |
| (xiv) USA | Free from:   1. *Epitrix tuberis* (Tuber flea beetle) 2. *Peridroma saucia* (Pearly underwing moth) 3. *Pleospora herbarum* (Leaf blight of onion) 4. *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA)) 5. *Xanthomonas campestris pv. raphani*   (Leafspot)   1. Radish mosaic virus | 1. Free from quarantine weeds seeds and soil contamination. 2. Fumigation with phosphine @ 3 g/m3 at NAP. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 3. Seed crop inspection and certification for free from (e) and (f) by a competent authority at the country of   origin |
| Fresh vegetable for consumption | Nepal | Free from:   1. *Erysiphe cruciferarum* (Powdery mildew of crucifers)) 2. *Pseudomonas viridiflava* (bacterial leaf blight of tomato (USA)) | Free from soil and other plant debris. |
| 570. | *Raphia* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Dried plant material for processing | 1. Madagascar 2. Philippines | Free from *Oryctes monoceros* (coconut beetle) | Fumigation with Methyl bromide @ 32 g/m3 at 210C and above or equivalent thereof under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant  Protection Adviser. |
| (iii) Plants for  propagation | Any country | Nil | 1. Free from soil. 2. Post-entry quarantine growing for a period of 10- 12 months. |
| 571. | *Rheum* spp. | Tissue cultured plants | 1. Africa 2. Kazakistan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from arabis mosaic nepovirus. | Nil |

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|  |  |  | 1. Europe 2. USA 3. Australia 4. New Zealand 5. Turkey 6. Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Arabis mosaic nepovirus 2. Cherry leaf roll nepovirus | Nil |
| (ix) China | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from cherry leaf roll nepovirus | Nil |
| (x) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Arabis mosaic nepovirus 2. Rhubarb temperate alphacryptovirus | Nil |
| (xi) Any country except Europe,  USA, Australia, New Zealand, Turkey, Canada, Africa,  Kazakastan, Japan, China | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 572. | *Rheum rhabarbarum* | Frozen fruits for consumption | Poland | Free from:   1. *Ametastegia* 2. *Peridroma saucia* (pearly underwing moth) 3. *Pectobacterium rhapontici* (rhubarb crown rot) 4. Turnip mosaic virus (cabbage A virus mosaic) | 1. Free from any plant debris. 2. Fumigation with Methyl bromide @ 32 g/m3 for 2 hrs at 210C and above under NAP before processing/freezing of fruits and the treatment be   endorsed on Phytosanitary Certificate. |
| 573. | *Rhododendron* spp. | Tissue cultured plants | (i) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from rhododendron necrotic ringspot virus | Nil |
| (ii) Any country except USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 574. | *Ribes* spp. (Gooseberry) | Fresh vegetable for consumption | Thailand | Nil | Free from soil. |
| 575. | *Ribes nigrum* | Frozen Black currants for consumption | France | Nil | Free from any plant debris. |
| 576. | *Ribes rubrum* | Frozen Red currants for consumption | Poland | Nil | Free from any plant debris. |

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| 577. | *Ricinus communis*  (Castor) | Seeds for sowing | 1. Nepal 2. Serbia 3. Herzigovina | Nil | Commercial imports subject toprior approval of Department of Agriculture, Cooperation and  Farmers Welfare |
| (iv) USA | Free from *Rhizobium rhizogenes* (gall) | Free from soil and quarantine weed seeds |
| 578. | *Rosa* spp. (Rose) | Rooted cuttings/ Grafts/ Bud  wood/Saplings for planting | Any Country | Free from:   1. Crown gall (*Agrobacterium tumefaciens*) 2. Hairy root (*A. rhizogenes*) 3. Brand canker (*Coniothyrium wernsdorfiae*) 4. Brown canker (*Cryptosporella umbrina*) 5. Downy mildew (*Peronospora sparsa*) 6. Rust (*Phragmidium* spp.) 7. Rose streak virus 8. Rose wilt virus | 1. Post-entry quarantine for a period of 18 months except budding for 90 days 2. Free from soil for rooted cuttings. |
| 579. | *Rosmarinus officinalis*  (Rosemary) | (i) Plants for propagation | Israel | Nil | Post-entry quarantine for a period of 45 days. |
| (ii) Seeds for sowing | France | Free from *Helix aspersa* (common snail) | Free from quarantine weed seeds and soil contamination. |
| 580. | *Rotalla rotundifolia* | (i) Plants for propagation | Japan | Nil | 1. Free from soil and other plant debris. 2. Post-entry quarantine for a period of 60 days. |
| (ii) Tissue culture plants | Japan | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from  any virus. | Nil |
| 581. | *Rubus idaeus* (Vilamete  raspberries) | Frozen fruits for  consumption | Serbia | Nil | Free from any plant debris |
| 582. | *Rudbeckia* spp. (Black eyed susan) | Seeds for sowing | 1. Taiwan 2. USA 3. Russia | Nil | Free from quarantine weed seeds. |
| 583. | *Rumohra adiantiformis*  (Leather leaf fern) | (i) Tissue culture plants | Israel | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| (ii) Rhizome/ Plants for propagation | 1. Israel 2. South Africa (iii)The   Netherlands | Nil | 1. Post-entry quarantine growing for a period of 45 days. 2. Free from soil. |
| 584. | *Ruscus aculeatus* | Plants for propagation | South Africa | Nil | 1. Post-entry quarantine for a growing period of 4-6 months. 2. Free from soil |

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| 585. | *Salix* spp. (Willows) | (i) Wooden logs with/without bark/clefts | Europe | Free from:   1. *Saperda carcharias* (Greater poplar longhorn) 2. *Saperda populnea* (Poplar borer) 3. *Zeuzera pyrina* (Wood leopard moth) | Fumigation with Methyl bromide at 48 g. per cubic metre for 24 hrs. at 21oC and above or equivalent thereof or heat treatment at 56oC for 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary  Certificate issued at the country of origin/re-export |
| (ii) Cuttings/ grafts/ rooted plants for propagation | (i) Germany | Free from:   1. *Adoxophyes orana* (fruit tortrix) 2. *Ametastegia* 3. *Cryptorhynchus lapathi* 4. *Euproctis chrysorrhoea* (tail moth) 5. *Malacosoma Neustria* 6. *Operophtera brumata* (winter moth) 7. *Orgyia antiqua* (tussock moth) 8. *Orthosia cerasi* (common quaker) 9. *Otiorhynchus armadillo* 10. *Peridroma saucia* (pearly moth) 11. *Rabdophaga saliciperda* (gall midge) 12. *Saturnia pavonia* (small moth) 13. *Saturnia pyri* (giant moth) 14. *Scolytus intricatus* (bark beetle) 15. *Thrips angusticeps* (field thrips) 16. *Tremex fuscicornis* (Tremex wasp) 17. *Xyleborus dispar* (ambrosia beetle) 18. *Phellinus igniarius* 19. *Xanthomonas populi* | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 month except for research |
| (ii) USA | Free from:   1. *Adoxophyes orana* (fruit tortrix) 2. *Ametastegia* 3. *Cryptorhynchus lapathi* 4. *Euproctis chrysorrhoea* (tail moth) 5. *Malacosoma Neustria* 6. *Operophtera brumata* (winter moth) 7. *Orgyia antiqua* (tussock moth) 8. *Orthosia cerasi* (common quaker) 9. *Peridroma saucia* (pearly moth) 10. *Rabdophaga saliciperda* (gall midge) 11. *Saturnia pavonia* (small moth) | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 month except for research |

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|  |  |  |  | 1. *Scolytus intricatus* (bark beetle) 2. *Thrips angusticeps* (field thrips) 3. *Xyleborus dispar* (ambrosia beetle) 4. *Eutypa lata* (Eutypa dieback) |  |
| iii) Clefts for processing | (i) Australia | Free from:   1. *Tremex fuscicornis* (tremex wasp) 2. *Agrianome spinicollis* (longocorn beetle) 3. *Anoplophora glabripennis* (Asian longhorned beetle) 4. *Paroplites australis* (Longocorn beetle) 5. *Bifiditermes improbus* 6. *Coptotermes acinaciformis* 7. *Coptotermes frenchi* | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above **Or**  Heat treatment at 560C (core temperature) for 30 minutes.  The treatment shall be endorsed on Phytosanitary Certificate issued at the Country of origin/re-export. |
| 586. | *Salvia spp.* | (i) Seeds for sowing | Guatemala | Free from:-   1. *Lygus lineolaris* (tarnished plant bug) 2. *Peridroma saucia* (pearly underwing moth) 3. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealy bug) | Free from quarantine weeds seeds and soil |
| (ii) Tissue culture plants | (i) Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from Nerine latent virus. | Nil |
| (ii) Costa Rica (iii)USA | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 587. | *Salvia divinorum* | Dried leaves for consumption | Mexico | Free from:   1. *Lygus lineolaris* (tarnished plant bug) 2. *Peridroma saucia* (pearly underwing moth) | 1. Free from soil and other plant debris. 2. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs. at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the   country of origin/re-export. |
| 588. | *Salvia hispanica* | Seeds for sowing | Australia | Nil | Free from quarantine weeds seeds and soil |
| 589. | *Salvia officinalis*  (Sage) | (i) Seeds for sowing | 1. Denmark 2. Netherlands 3. France | Nil | Free from quarantine weed seeds. |

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|  |  | (ii) Plants for propagation | Israel | Free from:   1. *Peridroma saucia* (Pearly underwing) 2. *Spodoptera littoralis* (Cotton leafworm) | Post-entry quarantine for a period of 45 days. |
| 590. | *Salvia splendens*  (Salvia) | Seeds for sowing | 1. Europe 2. USA 3. Taiwan 4. Russia 5. Japan 6. Israel 7. Australia | Nil | Free from quarantine weed seeds. |
| 591. | *Sandoricum koetjape* | Plants/ cuttings for propagation | Israel | Nil | 1. Free from soil 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Post-entry quarantine for a growing period of 6-9 months. |
| 592. | *Sansevieria* spp. | (i) Plants for propagation | (i) USA | Free from:   1. *Hercinothrips femoralis* (Banded greenhouse thrips) 2. *Opogona sacchari* (Banana moth) 3. *Otiorhynchus sulcatus* (Vine weevil) 4. *Hoplolaimus galeatus* | Post-entry quarantine growing for a period of 45 days. |
| (ii) Europe | Free from *Opogona sacchari* (banana moth) | Post-entry quarantine growing for a period of 45 days. |
| (iii) Malaysia | Free from *Otiorhynchus sulcatus* (vine weevil) | Post-entry quarantine growing for a period of 45 days. |
| (ii) Tissue cultured plants | Any Country | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from viruses. | Nil |
| 593. | *Santalum* spp.  (Sandalwood) | Seeds for sowing | Australia | Nil | Free from quarantine weed seeds. |
| 594. | *Sarosonia* spp. | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were  obtained from mother stock tested and maintained free from virus. | Nil |
| 595. | *Saussurea lappa*  (Kuth) | Dried roots for  consumption | China | Nil | Free from soil and other plant debris. |
| 596. | *Scabiosa* | Tissue culture plants | Netherlands | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |

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| 597. | *Schefflera* spp. (Brassia) | Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| Plants for propagation | Asia | Nil | Post-entry quarantine for a period of 45 days. |
| 598. | *Schinus terebinthifolius (Baie rose bresi)* | Fruits for  consumption purpose | Brazil, Europe | Nil | Free from soil and other plant debris |
| 599. | *Schizanthus* spp. (Schizanthus) | Seeds for sowing | 1. France 2. UK 3. Germany 4. Netherlands 5. Denmark 6. USA 7. Australia | Nil | Free from quarantine weed seeds. |
| 600. | *Scholtzia involucrate* | Tissue culture plants | Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 601. | *Sclerocarrya birrea* | Seeds for sowing | Kenya | Nil | Free from quarantine weed  seeds.. |
| 602. | *Senecio* spp. (Senecio) | (i) Seeds for sowing | 1. Europe 2. USA 3. Japan | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Japan | Free from:   1. Beet western yellow virus 2. Chrysanthemum virus B | Post-entry quarantine growing for 45 days period. |
| (iii) Tissue cultured plants | (i) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Bidens mottle potyvirus 2. Tomato spotted wilt virus 3. Tobacco mosaic virus | Nil |
| (ii) New Zealand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  potato virus Y | Nil |
| (iii) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from arabis mosaic nepovirus. | Nil |
| (iv) Eurasian region | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from beet mild yellowing luteovirus. | Nil |
| 1. Gernmany 2. Scotland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from elm mottle virus. | Nil |

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|  |  |  | (vii) Any country except USA, New Zealand, Japan, Eurasian region,  Germany, Scotland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 603. | *Senna siamea*  (Cassia) | Plants for  propagation | 1. Asia 2. USA | Nil | Post-entry quarantine growing for 45 days period. |
| 604. | *Sesamum* spp. (Sesamum) | Grains (seeds) for consumption | 1. Somalia 2. Sudan 3. Senegal 4. African   countries   1. Pakistan | Nil | 1. Fumigation with Methyl bromide at 16 g/m3 for 24 hrs. at 210C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. 2. Free from quarantine weed   seeds and soil contamination. |
| 1. Bangladesh 2. Mexico | Nil | 1. Free from quarantine weed seeds and soil contamination. 2. Methyl Bromide fumigation @ 16 g/m3 for 24 hrs at 210C and above or equivalent or any other treatment approved by the Plant Protection Adviser.   The treatment should be endorsed on Phytosanitary certificate issued at the  country of origin/re-export. |
| Germplasm material for research only | 1. USA 2. Netherlands | Nil | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Crop inspection for free from quarantine weed seeds. |
| 605. | *Sesbania cannabina* | Seeds for sowing | Pakistan | Nil | Freedom from quarantine weed seeds, soil and any plant debris |

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| 606. | *Sesbania sesban Sesbania* spp. | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 607. | *Setaria glauca,*  *S. italica* | Germplasm material for research only | (i) China | Nil | Free from quarantine weed seeds. |
| (ii) USA | Free from:   1. Foxtail mosaic virus 2. Wheat streak mosaic virus | 1. Free from soil. and plant debris 2. Post-entry quarantine growing for 2-3 months 3. Crop inspection and certification for freedom from   Wheat streak mosaic virus and Foxtail mosaic virus |
| 608. | *Shorea laevis* | Wood with/ without bark | Indonesia | Free from:   1. *Coptotermescurvignathus* (Rubbertermite) 2. *Xyleborus pseudopilifer* (Shot-hole borer) 3. *Xylosandrus ater* (Shot-hole borer) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate  issued at the country of origin/re- export |
| 609. | *Silene* spp.  (Campion) | Tissue cultured  plants | USA | Certified that the tissue cultured plants were obtained  from mother stock tested and maintained free from viruses. | Nil |
| 610. | *Silybum marianum*  (Milk Thistle) | Seeds for sowing | USA | Nil | Free from quarantine weeds seeds. |
| 611. | *Sinningia spp.*  (Gloxinia) | (i) Seeds for sowing | 1. Asia 2. Europe 3. USA | Nil | Free from quarantine weed seeds. |
| (ii) Tissue cultured plants | Germany | Certified that the tissue cultured plants obtained from mother stock tested and maintained free from virus. | Nil |
| 612. | *Sisymbrium irio* | Seeds for Medicinal purpose | China | Nil | Free from quarantine weed seeds  and other plant debris. |

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| 613. | **Small fruit plant species:** | | | | |
| (a) Blue berry and Cranberry (*Vaccinium* spp.) | (i) Cuttings Rooted/ unrooted/ Grafts  / Bud wood/ Saplings for planting | Any Country | Free from:   1. Leaf rust (*Pucciniastrum myrtili*) 2. Red leaf (*Exobasidium vaccinii*) 3. Red gall (*Synchytrium vaccinii*) 4. Witches‟broom (*Pucciniastrum goeppertianum*) 5. Straw berry weevils (*Anthonomus signatus* and   *A. bisignifer*)   1. Blue berry viruses viz., blue berry mosaic, shoe- string, red (necrotic) ring spot, leaf mottle, peach rosette and tomato ring spot 2. Phytoplasmas (blueberry stunt, witches‟broom and cranberry false blossom | 1. Import subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture 2. Post-entry quarantine for a period of 9-12 months; 3. Free from soil (iv)Dormant cuttings shall be   Appropriately treated or fumigated at the country of origin prior to shipment and the treatment shall be endorsed on Phytosanitary  Certificate. |
| (ii) Seeds for sowing | Any Country | Free from:   1. Mummy berry (*Monilia vacciniicorymbasi*) 2. Viruses affecting blueberry and cranberry as per item (f) above. | As per conditions (i) and (ii) stated above. |
| (iii) Tissue cultured plants | Any Country | Certified that the tissue-cultured plants are obtained  from mother stock tested/indexed and maintained virus-free. | As per condition (i) stated above. |
| (iv) Fresh fruit for consumption | (i) Canada | Free from:-   1. *Grapholita packardi* ( Cherry fruitworm) 2. *Rhagoletis mendax* ( Blueberry fruit fly) 3. *Spodoptera frugiperda* (Fall armyworm)   (v) *Diaporthe vaccinii* (Phomopsis twig blight of blueberry)   1. Peach rosettemosaic virus (rosette mosaic of peach) 2. Tomato ringspot virus (ringspot of tomato) | Pest free status for *Rhagoletis mendax* (Blueberry fruit fly) as per international standards Or   1. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Blueberry fruit fly. Or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Blueberry fruit fly. The treatment should be endorsed on Phytosanitary   Certificate issued at the Country of Origin/re-export. |

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|  |  |  | (ii) Chile | Free from:-   1. *Spodoptera eridania* (Southern armyworm) 2. *Spodoptera frugiperda* (Fall armyworm) 3. *Diaporthe vaccinii* (Phomopsis twig blight of blueberry) 4. Tomato ringspotvirus (ringspot of tomato) | (a) Fumigation with Methyl bromide @ 32 g/m3 for 2 hrs @ 210C and above or equivalent thereof or any other treatment duly approved by the Plant Protection Adviser to the Govt. of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the  country of origin/ re-export. |
| (iii)Australia | Free from:   1. *Aspidiotus nerii* (Aucuba scale) 2. *Bactrocera tryoni* (Queensland fruit fly) 3. *Guignardia vaccinii* (Berry speckle) 4. *Pseudomonas viridiflava*(Bacterial leaf blight of tomato (USA)) | 1. Pest free area status for *Bactrocera tryoni* (Queensland fruit fly) as per international standards; or 2. Methyl bromide fumigation @ 32 g/ m3 for 2 hrs at 210C or above under NAP; or Methyl bromide fumigation @ 32 g/ m3 for 31/2 hrs at 15oC or above under NAP; or equivalent thereof against Queensland fruit fly; **Or** 3. Pre shipment cold treatment at 0oC or below for 13 days or greater; 0.550C or below for 14 days or greater; 1.10C or below for 18 days or greater orin-transit cold treatment at 00C or below for 13 days or greater; 0.550C or below for 14 days or greater; 1.10C or below for 18 days or greater against Queensland fruit fly. The treatment should be endorsed on Phytosanitary   Certificate issued at the country of Origin/ re-export. |

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|  |  | (v) Fresh and dry fruits | USA | Free from:-   1. *Grapholita packardi* (Cherry fruitworm) 2. *Rhagoletis mendax* (Blueberry fruit fly) 3. *Spodoptera eridania* (Southern armyworm) 4. *Spodoptera frugiperda* (Fall armyworm) 5. *Diaporthe vaccinii* (Phomopsis twig blight of blueberry) 6. Peach rosette mosaic virus (Rosette mosaic of peach) 7. Tomato ringspot virus (Ringspot of tomato) | Pest free status for *Rhagolestis mendax* (Blueberry fruit fly) as per international standards Or   1. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly. Or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550Cor below for 11 days; 1.10C or below for 12 days plus intransit refrigeration against Mediterranean fruit fly and 00Cor below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days. The treatment should be endorsed on Phytosanitary Certificate issued at the   Country of Origin/re-export. |
| (b) Gooseberry and Currants (*Ribes* spp) | (i) Cuttings Rooted/un- rooted)/Bud wood/ Grafts/ Saplings | Any Country | Free from:   1. American (Gooseberry) mildew (*Sphaerotheca morsuvae*) 2. European (Gooseberry) mildew (*Microsphaeria grassulariae*) 3. Leaf spot (Anthracnose) (*Pseudopeziza ribis*) 4. Cluster cup rust (*Puccinia pringsheimiana*) 5. Black pustule (*Plowrightia ribesia*) 6. Cane blight (*Botryosphaeria ribris*) 7. Viruses viz., black current reversion, gooseberry vein banding, arabis mosaic, and strawberry latent ring spot. | 1. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Post-entry quarantine for a period of 9-12 months. 3. Free from soil 4. Dormant cuttings shall be appropriately fumigated or treated at the country of origin and the treatment shall be endorsed on Phytosanitary   Certificate. |
| (ii) Seeds for  sowing | Any Country | Free from seed-borne viruses such as raspberry ring  spot, arabis mosaic and strawberry latent ring spot. | As per condition (i) and (ii). |
| (iii) Tissue cultured plants | Any Country | Certified that the tissue-cultured plants are obtained from mother stock tested/indexed and maintained virus-free. | As per condition (i). |
| (c) Raspberry (*Rubus* spp.) | (i) Cuttings Rooted/un- rooted)/ Bud wood / Grafts/Saplings. | Any Country | Free from:   1. Crown gall (*Agrobacterium tumaefaciens*) 2. Hairy root (*A. rhizogenes*) 3. Rusts (*Gymnoconia nitens*, *Kuehneola uredinalis*, *Phragmedium bulbosum*, *P. rubi- idaeli*, *P. violacearum* and *Pucciniastrum*   *americanum*) | 1. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Post-entry quarantine for a period of 9-12 months. 3. Free from soil |

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|  |  |  |  | 1. Downy mildew (*Peronospora rubi*) 2. Straw berry weevils (*Anthonomus signatus* and   *A. bisignifer*)   1. Viruses such as leaf mottle, leaf spot, bushy dwarf, leaf curl, raspberry (black) necrosis, vein chlorosis and yellow dwarf, arabis mosaic and strawberry 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 | Any Country | Free from seed-borne viruses such as raspberry ring spot, arabis mosaic and straw berry latent ring spot. | As per condition (i) and (ii). |
| (iii) Tissue cultured plants | Any Country | Certified that the tissue-cultured plants are obtained  from mother stock tested/indexed and maintained virus-free. | As per condition (i). |
| (d) Straw berry (*Fragaria* spp.) | (i) Stem (runner) cuttings (rooted/ un-rooted) for planting. | Any Country | Free from:   1. Phomopsis blight (*Phomopsis obscurens*) 2. Red stele (*Phytophthora fragariae*) 3. Crown rot (*Phytophthora cactorum*) 4. Angular leaf spot (*Xanthomonas fragariae*) 5. American dagger nematode (*Xiphinemaamericanum*) 6. Leaf blotch (*Gnomonia fragariae*) 7. Straw berry weevils (*Anthonomus signatus* and *A. bisignifer*) 8. Straw berry viruses viz., vein banding, crinkle leaf (rhabdovirus), mild yellow edge, latent ring spot (nepovirus), latent C. 9. Aster yellows, straw berry green petal, phyllody and yellows (phytoplasmas). | 1. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Post-entry quarantine for a period of 9-12 months. 3. Free from soil 4. Dormant cuttings shall be appropriately fumigated or treated at the country of origin and the treatment shall be endorsed on Phytosanitary Certificate. |
| (ii) Seeds for sowing | Any Country | Free from seed-borne viruses such as arabis mosaic,  raspberry ring spot and straw berry latent ring spot. | The above condition at (i) and (ii) |
| (iii) Tissue-cultured plants for planting | Any Country | Certified that tissue-cultured plants are obtained from mother stock indexed/tested and maintained virus-free. | The above condition at (i) |

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| 614. | (i) Soil | In any form (for research purpose) | Any country | Free from: Insect pests, nematodes, microbes and quarantine weed seeds | 1. Dry heat at 1210 C (core temp.) for two hours or 2. Steam heat (autoclave) at 1210C for 30 minutes at 15 *psi* |
| (ii) Growing media (with soil,  peat or other organic materials) | In any form (with  or without plant) | Free from: Insect pests, nematodes, microbes and quarantine weed seeds | Steam heat (autoclave) at 1210C for 30 minutes at 15 *psi* |
| (iii) Sand | In any form (for non-agricultural purpose) | Free from: Insect pests, nematodes, microbes quarantine weed seeds and organic matter  like plant debris etc. | Nil |
| (iv) Peat or sphagnum moss | In any form | Free from: Insect pests, nematodes, microbes, quarantine weed, soil | 1. Steam heat (autoclave) at 1210C for 30 minutes at 15 *psi* or 2. Peat should be excavated beneath 2 meter from the   surface. |
| (v) Similar materials: inorganic soil additives, Leonardite, Lignite, Pure sand (Silica, Zircon, Quartz etc.), Pure clay like Kaolin etc., Rock aggregates and Gravel, Volcanic, Pumice, Chalk, Rock salt, Diatomaceous earth , All kinds of ore, Vermiculite, Perlite, Gypsum , Geoliote  etc., | In any form  (for industrial and non agricultural purpose) | Nil | Free from organic matter like plant debris etc. |
| (vi) Stone | Aggregates/dust (for non- agricultural purpose) | (i) Nepal | Free from Organic matter like plant debris etc. | Nil |
| 1. Brunei 2. Cambodia 3. Indonesia 4. Laos 5. Malaysia 6. Myanmar 7. Philippines 8. Singapore 9. Thailand 10. Vietnam **(S.O.1728(E) dated 6th May, 2019)** | Free from Organic matter like plant debris etc. and soil. | Nil |

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| 615. | *Solanum quitoense*  (Naranjilla) | Germplsm material for research only | (i) Spain | Nil | Free from soil and quarantine weed seeds |
| 1. Italy 2. USA | Free from *Globodera tabacum* |
| 616. | *Solanum melongena* (Brinjal/ Eggplant/ Aubergine) | (i) Seeds for sowing | (i) China | Free from *Pythium spinosum* (root rot) | 1. Free from soil contamination. 2. Free from quarantine weed seeds. |
| (ii) Europe | Free from:   1. Pepino mosaic virus 2. Tomato bushy stunt virus (*Lycopersicon* virus 4) 3. Tomato black ring nephovirus | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from Pepino mosaic virus, Tomato bushy stunt virus (*Lycopersicon* virus 4) and   Tomato black ring nephovirus |
| 1. Japan 2. Vietnam 3. Philippines (vi)Thailand | Nil | Free from quarantine weed seeds. |
| (vii) USA | Free from Tomato bushy stunt virus (*lycopersicon* virus 4) | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from tomato bushy stunt virus. |
| 1. Jordan 2. Israel | Free from:   1. *Peronospora hyoscyami f. sp. tabacina* (angular tobacco leaf spot) 2. Eggplant mottled dwarf virus (hibiscus vein yellowing virus) | 1. Free from quarantine weeds   seeds.   1. Crop inspection and certification for free from eggplant mottled dwarf virus. |
| (x) Russia (xi)Taiwan | Free from:   1. *Peronospora hyoscyami* f.sp. *tabacina* 2. *Pepino mosaic virus* 3. *Tomato bushy stunt virus* | 1. Freedom from quarantine weed seeds 2. Post-entry quarantine growing for 2-3 months 3. Crop inspection and certification for freedom from   *Pepino mosaic virus* and *Tomato bushy stunt virus* |
| (ii) Vegetables for  consumption | Thailand | Free from:   1. *Bactrocera papayae* (papaya fruit fly) 2. *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) 3. *Tetranychus marianae* 4. *Tetranychus truncatus* | Pest-free area status for papaya fruit fly (*Bactrocera papayae*) as per international standards. |
| 617. | *Solanum muricatum*  (Pepino) | (i) Seeds for sowing | 1. Italy 2. Spain 3. USA | Nil | Free from quarantine weed seeds. |
| (ii) Cuttings | (i) Free from soil. |

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|  |  |  |  |  | (ii) Post-entry quarantine for one growth season except for research |
| (iii) Plants/  Cuttings for propagation | (iv) Israel | Nil | 1. Free from soil. 2. Post-entry quarantine for one growth season except for research |
| 618. | *Solanum tuberosum*  (Potato) | (i) Tubers for consumption | (i)Egypt | Free from:   1. *Phoma exigua var. foveata* (Gangrene) 2. *Phytophthora cryptogea* (tomato foot rot) 3. Potato Spindle Tuber Viroid (PSTVd) (d)*Pratylenchus goodeyi* (banana lesion nematode) | 1. Free from quarantine weed seeds, soil and other plant debris. 2. Potato tubers shall be washed with clean water before packing. 3. Potato tubers shall be treated with a recommended sprout inhibitor. 4. Prophylactic chemical treatment of packages and empty container 5. Points of entry for this consignment shall be as per the Clause 3 (14), Chapter- II of PQ Order, 2003. The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-export. |
| (ii)Pakistan | Free from:   1. *Clavibacter michiganensis subsp. Sepedonicus*   (Potato ring rot)   1. *Ditylenchus depsaci* (Stem and Bulb nematode) 2. *Ditylenchus destructor* (Potato tuber nematode) 3. *Globodera (Hetrodera) pallida* (Potato cyst nematode) 4. *Globodera (Hetrodera) rostochiensis* (Potato cyst nematode) 5. Potato mop-top virus 6. *Pratylenchus neglectus* (California meadow nematode) 7. *Pratylenchus scribneri* |
| (iii)Turkey | Free from:   1. *Clavibacter michiganensis subsp. Sepedonicus*   (Potato ring rot)   1. *Ditylenchus depsaci* (Stem and Bulb nematode) 2. *Ditylenchus destructor* (Potato tuber nematode) 3. *Globodera (Heterodera) pallida* (Potato cyst nematode) 4. *Globodera (Heterodera) rostochiensis* (Potato cyst nematode) 5. *Leptinotarsa decemlineata* (Colarado potato beetle) 6. *Meloidogyne chitwoodi* (Columbia root-knot nematode) 7. *Meloidogyne ethiopica* (Root-knot nematode) 8. *Phytophthora cryptogea* (tomato foot rot) |

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|  |  | (ii)Tubers  for processing | (iv) Germany | Free from:   1. *Clavibacter michiganensis subsp. Sepedonicus*   (Potato ring rot)   1. *Ditylenchus destructor* (Potato tuber nematodes) 2. *Ditylenchus dipsaci* (Stem & bulb nematodes) 3. *Globodera (Heterodera) rostochiensis* (Potato cyst nematodes) 4. *Globodera (Heterodera) pallida* (Potato cyst nematodes) 5. *Leptinotarsa decemlineata* (Colarado potato beetle) 6. *Phoma exigua var. foveata* (Gangrene) 7. *Phoma exigua var. linicola* (Foot rot) 8. *Phytophthora cryptogea* (Tomato foot rot) 9. *Polyscytalum pustulans* (Skin spot of potato) 10. Potato mop-top virus 11. *Synchytrium endobioticum* (Potato wart) | 1. Free from quarantine weed seeds, soil and other plant debris. 2. Potato tubers shall be washed with clean water before packing. 3. Prophylactic chemical treatment of packages and empty container 4. Points of entry for this consignment shall be as per the Clause 3 (14), Chapter-II of PQ Order, 2003. 5. Zero spillage during transit from point of entry to processing unit. The conditions (i) to (iii) should be endorsed on Phytosanitary Certificate issued at the country of   origin/re-export. |
| 619. | *Solidago* spp. | (i) Cuttings/ Plants for propagation | (i) The Netherlands | Free from:   1. *Peridroma saucia* (pearly underwing moth) 2. *Rhizobium radiobacter* (crown gall) | Post-entry quarantine growing for a period of 90 days. |
| (ii) Tissue culture plants | (i) Israel | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from  any virus | Nil |
| 620. | *Sorghum* spp. (Sorghum) | Seeds for sowing | Any Country | Free from:   1. Bacterial blight (*Burkholderia andropogoni*) 2. Bacterial leaf streak (*Xanthomonas vasicola pv. holcicola*) 3. Milo disease (*Periconia circinata*) 4. Striga weed (*Striga harmonthica*) 5. Sorghum viruses viz. chlorotic spot, mosaic | Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior  approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture. |
| 621. | *Sterculiae lychnophora* | Dried seeds for consumption | (i)Thailand (ii)Indonesia  (iii)China (iv)Vietnam | Nil | Free from quarantine weed seeds and soil contamination. |
| 622. | *Sterlinga- S.latifolia* | Dry flowers for decoration | Australia | Free from *Pineus pini* (Pine woolly aphid) | Free from quarantine weeds seeds and soil |

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| 623. | *Stevia* spp. | (i) Tissue cultured plants | Any Country | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| (ii)Cuttings for  propagation | (i) Kenya | Free from:  *Septoria steviae* (Septoria leaf spot) | Post entry quarantine for a period of 45 days. |
| 624. | **Stone fruits** (plum, peach, cherry, apricot, almond, nectrine) (Prunus spp.) | (i) Stones (Seeds)/ Grafts/ Bud wood/ Cuttings. | Any Country | Free from:   1. Crown gall (*Agrobacterium tumefaciens*) 2. Hairy root (*A. rhizogenes*) 3. Bacterial die back of peach (*Pseudomonas syringae* pv. *persicae* syn. *P. morsprunorum*) 4. Black knot (*Dibotryan morbosum*) 5. Gummosis (*Euitypa armeniaceae*) 6. Brown rot (*Monilinia fructicola*) (American strain) 7. Blossom blight and fruit rot (*M. laxa*) 8. Scab (*Venturia cerasi, V. carpophila*) 9. Cherry leaf spot (*Blumeriella jaapii*) 10. Plum weevil (*Conotrachelus menuphar*) 11. Stone virus viz. Prunus virus S. | 1. Post-entry quarantine for a period of 1-2 years 2. Commercial imports are subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 3. Plants cuttings shall be appropriately fumigated or treated against insect infestation prior to dispatch at the country of origin and the treatment shall be endorsed on Phytosanitary Certificate. The   stones (seeds) shall be treated with suitable fungicide. |
| (ii) Tissue cultured plant | Any Country | Certified that the tissue-cultured plants obtained from mother stock indexed/tested and maintained virus-free | The above conditions shall not apply except the condition at (ii). |
| (iii)Fresh fruits for consumption | Any Country | Free from:  (a)Oriental fruit moth (*Cydia molesta*) (b)Gypsy moth (*Lymantria dispar*) (c)Mediterranean fruit fly (*Ceratitis capitata*) (d)Manchurian fruit moth (*Cydia inopinata*) (e)Cherry fruitworm (*C. packardi*)   1. Plum moth (*C. prunivora*) 2. Cherry fruit fly (*Rhagoletis* spp.) (h)Peach fruit moth (*Carposina niponenosis*)   (i) Queensland fruit fly (*Bactrocera tryoni*) | 1. Pest free area status for Mediterranean fruit fly (*Ceratitis capitata*) and Cherry fruit flies (*Rhagoletis* spp.) as per internationalstandards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Cherry fruit flies and Mediterranean fruit fly or 3. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against cherry fruit flies and Mediterranean fruit fly |

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|  |  | (iv) Dry fruits for consumption | Any Country | Free from:   1. Mediterranean flour moth (*Ephestia kuehniella*) 2. Apricot chalci 3. *Ephestia elutella* (Tobacco moth) 4. *Plodia interpunctella* (Indian male moth) | Fumigation with Methyl bromide @ 16 g/m3 for 24 hrs at 210C and above under NAP and the treatment shall be endorsed on the Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant  Protection Adviser for this purpose. |
|  |  | (v) Almonds for consumption | USA | Free from:   1. Mediterranean flour moth (*Ephestia kuehniella)* 2. Tobacco moth (*Ephestia elutella*) 3. Indian meal moth (*Plodia interpunctella)* | Fumigation with Methyl bromide @ 16 g/m3 for 24 hrs at 210C and above under NAP and the treatment shall be endorsed on the Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose. Or for Almonds, fumigation by phosphine or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser for this purpose so as to result incomplete mortality of all life stages of quarantine pests mentioned in the column 5 and the  treatment shall be endorsed on the Phytosanitary Certificate. |
| 625. | *Streltizia reginae* | (i) Seeds for sowing | 1. Holland 2. South Africa | Nil | Free from quarantine weed seeds |
| (ii) Plants for propagation | Any Country | Nil | Post entry quarantine for a period of 45 days |
| 626. | *Streptocarpus spp.* | (i) Tissue culture plants | (i) Australia | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from Nerine latent virus. | Nil |
| 1. Costa Rica 2. USA | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from any virus. | Nil |
| 627. | *Stylosanthes* sp. | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 628. | *Swertia* spp. | Saplings/ Plants for  propagation | Nepal | Nil | Post-entry quarantine growing for a period of 60 days. |

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| 629. | *Synsepalum dulcificum*  (Miracle fruit) | (i) Seeds for sowing | (i) Algeria | Nil | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| 1. Ghana 2. Congo | Nil | Free from quarantine weed seeds and soil. |
| (ii) Cuttings/ grafts/ rooted plants for propagation | Algeria | Nil | 1. Freedom from quarantine weed seeds 2. Post-entry quarantine for one growth season except for research 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers   Welfare. |
| 630. | *Syringa spp./ Syringa vulgaris* (Lilac) | Tissue cultured plants | (i) USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Arabis mosaic nepovirus 2. Lilac ring mottle ilarvirus 3. Lilac mottle carlavirus | Nil |
| (ii) Japan | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from   1. Arabis mosaic nepovirus 2. Lilac ring spot carlavirus | Nil |
| (iii) UK | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  lilac chlorotic leaf spot capillovirus. | Nil |
| (iv) Germany | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from:   1. Arabis mosaic virus (hop bare-bine) 2. Cherry leaf roll virus (berteroa ringspot) 3. Elm mottle virus | Nil |
| (v) Scotland | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from  elm mottle ilavirus. | Nil |
| 1. Africa 2. Australia 3. Europe 4. New Zealand 5. Turkey 6. Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from Arabis mosaic nepovirus. | Nil |

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|  |  |  | (xii) Any country except USA, UK, Germany, Scotland, Africa, Australia, Japan, Europe, New Zealand, Turkey,  Canada | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 631. | *Syzygium cuminii* (Jamun) | (i) Seeds for sowing | 1. Philippines 2. Thailand 3. New Zealand 4. Indonesia 5. Malaysia 6. Sri Lanka 7. Mauritius 8. USA | Nil | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| (ii) Cuttings/ grafts/ rooted plants for propagation | 1. Free from soil. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare   (iv) Post-entry quarantine growing for 6-9 month except for  research. |
| (iii) Plants for propagation | Thailand | Nil | 1. Post-entry quarantine growing for a period of 10-12 months. 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation   and Farmers Welfare. |
| 632. | *Syzygium jambos*  (Rose apple) | Plants/ cuttings for propagation | Thailand | Nil | 1. Post-entry quarantine growing for a period of 10-12 months 2. Free from soil. 3. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. |
| 633. | *Syzygium samarangense*  (Java apple) | Fresh fruits for  consumption | Thailand | Free from:   1. *Bactrocera papayae* (papaya fruit fly) 2. *Bactrocera carambolae* 3. *Bactrocera albistrigata* | 1. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above or equivalent thereof; or 2. Pre-shipment cold treatment at 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days plus in-transit refrigeration   against fruit flies. |

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| 634. | *Tabebuia impetiginosa*  (Ipe) | Wood with/without bark | Brazil | Nil | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser.  The treatment should be endorsed on Phytosanitary Certificate  issued at the country of origin/re- export. |
| 635. | *Tagetes* spp. (Marigold African) | (i) Seeds for sowing | Any Country except Guatemala | Free from:   1. *Fusarium oxysporum sp. callistephi* 2. *Septoria tageticola* (Leaf spot) 3. *Pseudomonas tagetis* (Bacterial leaf spot) | Free from quarantine weed seeds. |
| Guatemala | Nil | Free from quarantine weed seeds. |
| (ii) Plants/ cuttings for propagation | Netherlands | Free from *Phytophthora cryptogea* (Tomato foot rot) | 1. Post-entry quarantine for a period of 45 days 2. Free from soil. |
| 636. | *Tamarindus* spp. (Tamarind) | (i) Seeds for sowing | 1. Indonesia 2. Malaysia 3. Mauritius 4. New Zealand 5. Philippines 6. Sri Lanka | Nil | Free from quarantine weed seeds. |
| (vii) USA | Free from *Hypothenemus obscurus* (tropical nut borer) | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Thailand | Free from :-  *Pseudococcus jackbeardsleyi* (Jack Beardsley mealybug) | 1. Post-entry quarantine growing or a period of 10-12 months 2. Free from soil. (iii)Commercial imports subject to   prior approval of Department of Agriculture and Cooperation |
| *Tamarindus indica*  (Tamarind) | (iii) Fruits (pods)/ pulp/ seed for consumption | Any country | Free from:   1. *Apomyelois ceratoniae* (knot-horn, blunt-winged, carob moth ) 2. *Ceroplastes cirripediformis* (barnacle scale) 3. *Hypothenemus obscurus* (tropical nut borer) 4. *Sitophilus linearis* (tamarind weevil) 5. *Selenaspidus articulatus* (West Indian red scale) | 1. Free from Quarantine weed seeds, soil and other plant debris 2. Fumigation with Methyl bromide at 32 g/m3 for 24 hrs. at 210C and equivalent thereof. The treatment should be endorsed on Phytosanitary Certificate issued at the country   of origin/re-export. |
| 637. | *Tanacetum parthenium*  (Feverfew) | Seeds for sowing | USA | Nil | Free from quarantine weeds seeds. |

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| 638. | *Taraxacum officinale*  (Dandelium) | Roots (dried) for processing | Poland | Free from *Otiorhynchus sulcatus* (vine weevil) | 1. Free from soil. 2. Fumigation with Methyl bromide @ 48 g/m3 at @ 210C and above or equivalent thereof under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser. |
|  |  | Seeds for sowing | (i) Australia | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Tomato ringspot virus* | 1. Free from quarantine wee seeds 2. Post-entry quarantine growing for 6-9 month 3. Crop inspection and certification for freedom from *Tomato ringspot virus* |
| (ii) Brazil | Free from:   1. *Ditylenchus dipsaci* (stem and bulb nematode) 2. *Xylella fastidiosa* (Pierce's disease of grapevines) | 1. Free from quarantine weed seeds. 2. Post-entry quarantine growing for 6-9 month except for research. |
| 1. Czech Republic 2. Kenya 3. Romania 4. Syria | Free from *Ditylenchus dipsaci* (stem and bulb nematode) |
| 639. | *Taxus* spp*.* | Seeds for sowing | USA | Nil | Free from quarantine weed seeds. |
| 640. | *Taxus baccata*  (Yew) | Plants for propagation | Nepal | Free from *Heterobasidion annosum* | 1. Post-entry quarantine for a period of 45 days. 2. Free from soil. |
| 641. | *Tectona grandis*  (Teak) | Tissue cultured plants | Thailand | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 642. | *Tephrosia candida*  (Subabul) | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 643. | *Teramnus labialis* | Seeds for sowing | Kenya | Nil | Free from quarantine weed seeds. |
| 644. | *Theobroma cacao*  (Cocoa) | Beans (fermented and dried) for  processing or industrial use | Any Country | Free from:   1. Chocolate moth (*Ephestia elutella*) 2. Mediterranean flour moth (*Ephestia kuehniella*) 3. Tropical nut borer (*Hypothenemus obscurus*) 4. Black pod of cocoa (*Phytophthora megakarya*) 5. Chestnut downy mildew (*Phytophthora katsurae*) | The consignment shall be fumigated with Methyl bromide @ 16 g/m3 for 24 hrs at 210C and above at NAP and the treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser |

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| 645. | *Thuja occidentalis* | (i) Timber logs with/ without  bark for  consumption | (i) Canada | Free from:   1. *Lambdina fiscellaria* (eastern hemlock looper) 2. *Trypodendron lineatum* (striped ambrosia beetle) 3. *Seiridium cardinale* (cypress canker) | Fumigation with Methyl bromide @  48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued  at the Country of Origin/re-export. |
| 646. | *Thuja plicata* | Timber logs with/ without bark for consumption | Canada | Free from:   1. *Lambdina fiscellaria* (eastern hemlock looper) 2. *Trypodendron lineatum* (striped ambrosia beetle) 3. *Heterobasidion annosum* 4. *Heterobasidion parviporum* 5. *Seiridium cardinal* (cypress canker) | Fumigation with Methyl bromide @  48 g/m3 for 24 hrs. at 210C and above or equivalent thereof or heat treatment at 560C (core temperature) for 30 minutes or any other treatment approved by the Plant Protection Adviser to the Government of India  The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re-export. |
| 647. | *Thungbergia* spp. | Seeds for sowing | 1. Germany 2. Netherlands 3. France 4. UK 5. Russia 6. USA | Nil | Free from quarantine weed seeds. |
| 648. | *Thymus vulgaris*  (Thyme) | (i) Seeds for sowing | (i) Denmark | Nil | Free from quarantine weed seeds. |
| 1. UK 2. USA 3. The   Netherlands   1. Spain 2. Italy 3. France (viii)Germany | Nil | 1. Freedom from quarantine weeds seeds 2. Crop inspection and certification for freedom from *Helix aspersa* (Common snail) |
| (ii) Tissue culture plants | Canada | Certified that the tissue culture plants were obtained from mother stock tested and maintained free from  any virus. | Nil |
| 649. | *Thysanolaena latifolia*  (Broom grass) | (i) Broom sticks for  consumption | 1. Myanmar 2. Nepal | Nil | Free from soil and other plant  debris. |
| 650. | *Thysostachys* spp. | Seeds for sowing | (i) Thailand | Free from:   1. *Aspergillus wentii* 2. *Rhizopus* sp. | Free from quarantine weed seeds. |

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|  |  |  | (ii) China | Nil | Free from quarantine weed seeds. |
| 651. | *Tilia americana*  (Bass wood) | Wood with bark | USA | Free from :   1. *Chaetocnema confinis* (flea beetle) 2. *Malacosoma americanum* (eastern tent caterpillar) 3. *Malacosoma disstria* (forest tent caterpillar) 4. *Operophtera brumata* (winter moth) 5. *Orgyia leucostigma* (white-marked tussock moth) 6. *Papilio Canadensis* (tiger swallowtail) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-  export. |
|  |  | Wood without bark | USA | Free from :   1. *Chaetocnema confinis* (flea beetle) 2. *Malacosoma americanum* (eastern tent caterpillar) 3. *Operophtera brumata* (winter moth) 4. *Papilio Canadensis* (tiger swallowtail) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent thereof or heat treatment at 56 0C (core temperature) or 30 minutes or any other treatment approved by Plant Protection Adviser to the Government of India.  The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-  export. |
| 652. | *Tillandsia spp (*All related  spp.) (Air born plants) | Plants for propagation | USA | Free from:-  (a) *Nipaecoccus nipae* (spiked mealybug) (b)*Unaspis citri* (citrus snow scale) | 1. Post entry quarantine for a growing period of 60 days 2. Free from soil |
| 653. | **Timber logs** | | | | |
| (i) *Castanea* spp. (Chest nut) | Logs with/without bark | Any Country | Free from Chest nut blight (*Cryphonectriaparasitica*)- American strain | The timber shall be fumigated with Methyl bromide shall be @  48 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP or kiln drying as the case may be at the country of origin and treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this  purpose. |

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|  | *(ii) Ulmus* spp (Elm) | Logs with/without bark | Any Country | Free from:   1. Dutch elm disease (*Ceratocystis ulmi*)-   American and European strains   1. Elm bark beetle (*Scolytus scolytus*) | The timber shall be fumigated with Methyl bromide shall be @  48 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP or kiln drying as the case may be at the country of origin and treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this  purpose. |
| (iii) *Quercus* spp (Oak) | Logs with/without bark | Any Country | Free from:   1. Oak wilt (*Ceratocystis fagacearum*) 2. Oak bark beetles (*Pseudopityopthorus* spp) 3. Sudden Oak death (*Phytophthora ramorum*) | The timber shall be fumigated with Methyl bromide shall be @  48 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP or kiln drying as the case may be at the country of origin and treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this  purpose. |
| (iv) *Pinus* spp. (Pine wood) | Logs with/ without bark | Any Country | Free from:   1. Branch and trunk cankers (*Atropellis piniphila,*   *A. pinicola*)   1. Pine wood nematode (*Bursaphelenchus xylophilus*) 2. Cerambicid vector (*Monochamus* spp.) 3. Pine beetle (*Tomicus piniperda*) and pine weevils (*Pissodes* spp.) 4. Sirex wasp (*Sirex* spp) | The timber shall be fumigated with Methyl bromide @ 48 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP or heat treatment at 560C and above (core temperature of wood) for 30 minutes or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for the purpose as the case may be at the country of origin and treatment shall be endorsed on Phytosanitary  Certificate. |
| (v) *Pinus pinaster* | Seeds for sowing | Australia | Nil | Free from quarantine weed seeds. |

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| 654. | **Timbers (Logs/Sawn and sized wood) :**   1. *Desbordesia glaucescens*   (Alep)   1. *Detarium microcarpum*   (Amouk)   1. *Gilbertiodendron preussii*   (Limbali)   1. *Oxystigma oxyphyllum*   (Tchitola)   1. *Petersia africana*   (Essial/Abale)   1. *Sterculia rhinopetala*   (Lotofa)   1. *Pteleopsis hylodendron*   (Osanga)   1. *Monopetalanthus spp*   (Andoung)   1. *Sinodoropsis letestui*   (Gheombi)   1. *Staudtia stipitata* (Niove) 2. *Testulea gabonensis*   (Izombe) | Wood with bark/ without bark | (i) Cameroon | Free from:   1. *Apate monachus* (Black borer)*,* 2. *Coptotermes sjostedii* (African termite) 3. *Wasmania auropunctata* (red fire ant) | The timber shall be fumigated with Methyl bromide @ 48 g/m3 for 24 hrs at 210C and above or equivalent thereof under NAP or kiln drying as the case may be at the country of origin and treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose |
| (ii) Gabon | Free from *Wasmania auropunctata* (red fire ant) |
| 655. | *Tithonia* | Dry flowers for decoration | Australia | Nil | Free from quarantine weeds seeds and soil |
| 656. | *Toluifera perirae*  (Perou baume) | All plant parts for consumption  purpose | EL Salvador | Nil | Free from quarantine weeds seeds, soil and other plant debris. |
| 657. | *Torenia* spp. | Seeds for sowing | 1. USA 2. Europe 3. Japan | Nil | Free from quarantine weed seeds. |
| 658. | *Trichosanthes cucumerina*  (Snakegourd) | Seeds for sowing | Thailand | Nil | Free from quarantine weed seeds. |
| 659. | *Trifolium alexandrium*  (Berseem and Clovers) | Seeds for sowing | Any Country | Free from:   1. Northern anthracnose (*Kabatiella caulivora*) 2. Stem and bulb nematode (*Ditylenchus dipsaci*) 3. Sclerotinia wilt (*Sclerotinia trifoliorum*) | 1. Import subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture. 2. Free from soil. 3. Free from quarantine weed seeds. |

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| 660. | *Trifolium pretense*  (Red clover) | Seeds for sowing | USA | Free from:   1. *Ditylenchus dipsaci* (Brown ring disease of hyacinth) 2. *Phomopsis longicolla* (Phomopsis seed decay) 3. *Sclerotinia borealis* (Snow blight of grass) 4. *Burkholderia andropogonis* (Bacterial leaf stripe of sorghum and corn) 5. *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA)) 6. Peanut stunt virus | 1. Imports permitted subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare. 2. Free from soil and quarantine weed seeds. 3. Crop inspection and certification for free from *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA)) & Peanut stunt   virus |
| 661. | *Tripsacum dactyloides*  (Eastern gamagrass) | Germplasm material for research only | (i) Australia (ii)Brazil   1. Czech Republic 2. Kenya (v)Romania 3. Syria 4. USA | Nil | Free from quarantine weed seeds. |
| 662. | Triticale | Germplasm material for research only | Mexico | Free from   1. *Pseudomonas fuscovaginae* (bacterial rot of rice sheaths) 2. *Diuraphis noxia* | Free from quarantine weed seeds. |
| 663. | *Triticum* spp. (Wheat) | Grains for consumption or processing | Any Country | Free from:   1. Granary weevil (*Sitophilus granarius*) 2. Ergot (*Claviceps purpurea*) 3. Dwarf bunt (*Tilletia contraversa*) | Fumigation with Methyl bromide @ 32 g/m3 at 210C and above for 24 hrs under NAP and the treatment shall be endorsed on Phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose. |
| (ii) Flour for  consumption | Any country | Freedom from: Storage pests | Fumigation with Aluminum phosphide (ALP) @ 9 g/metric ton for minimum 5 days.  The treatment shall be endorsed on Phytosanitary Certificate issued at the countryof origin/re-export. |
| 664. | *Tropaeolum majus*  (Nasturtium) | Seeds for sowing | 1. Netherlands 2. France 3. Germany | Free from *Pseudomonas viridiflava* | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for *Pseudomonas viridiflava* |
| 1. U.K. 2. Spain | Free from:  (a) *Peridroma saucia* | Freedom from quarantine weeds  seeds |

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|  |  |  | (vi) Italy | (b) *Pseudomonas viridiflava* |  |
| 665. | *Torenia* spp. | Seeds for sowing | Japan | Nil | Freedom from quarantine weeds seeds. |
| 666. | *Tropaelum* spp. | Seeds for sowing | Australia | Free from *Pseudomonas viridiflava* (bacterial leaf  blight of tomato) | Freedom from quarantine weeds  seeds. |
| 667. | *Undaria pinnatifida* (Dry wakame) | (i) Dried plant material for consumption/  processing | 1. China 2. Japan | Nil | Free from soil and other plant debris. |
| 668. | *Vaccinium* spp.  (Blueberry) | Fresh fruits for consumption | Thailand | Nil | Free from soil. |
| 669. | *Vaccinium myrtillus* (wild blueberries) | Frozen fruits for consumption | Poland | Free from:   1. *Operophtera brumata* (winter moth) 2. *Lepidosaphes ulmi* (oystershell scale) | 1. Free from any plant debris. 2. Fumigation with Methyl bromide @ 32 g/m3 for 2 hrs. at 210C and above under NAP before processing/ freezing of fruits and the treatment be endorsed on Phytosanitary   Certificate. |
| 670. | *Valeriana officinalis* | (i) Seeds for sowing | USA | Nil | Free from quarantine weeds seeds. |
| (ii) Dry roots for  consumption purpose | Europe | Nil | Free from soil and other plant debris. |
| 671. | *Vanilla planifolia / Vanilla tahitensis* (Vanilla) | (i) Cuttings/ grafts for propagation | 1. Australia 2. Bhutan 3. China 4. Mauritius 5. Nepal 6. Nigeria (vii)Suriname | Nil | 1. Free from soil. 2. Post-entry quarantine growing for 6-9 month except for research. |
| (viii) Fiji | Free from *Vanilla mosaic virus* |
| (ix) Mauritius | Nil | Free from soil. |
| (ii) Green bean pods for consumption/ processing | (i) Mauritius | Nil | Free from soil and quarantine weed seeds |
| (iii) Dried beans (pods) for consumption | Any Country | Nil | Free from soil and quarantine weeds seeds |
| 672. | *Verbascum* spp. | Tissue cultured plants | USA | Certified that the tissue cultured plants were obtained  from mother stock tested and maintained free from virus | Nil |

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| 673. | *Verbena* spp. (Verbena) | (i) Seeds for sowing | 1. Asia 2. France 3. Germany 4. Netherlands 5. Denmark 6. UK 7. Australia (viii)Guatemala | Nil | Free from quarantine weed seeds. |
| (vii) USA | Free from *Phytonemus pallidus* (Straberry mite) | Free from quarantine weed seeds. |
| (ii) Plants/ cuttings  for propagation | 1. Asia 2. USA | Nil | Post-entry quarantine for a period  of 45 days. |
| 674. | *Viburnum* spp. | (i) Seeds for sowing | Germany | Nil | Free from quarantine weeds seeds. |
| (ii) Tissue cultured plants | (i) Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained  free from citrus enation-woody gall luteovirus. | Nil |
| (iii) Any country except Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained  free from virus | Nil |
| 675. | *Vicia faba* (Broad bean) and  *Vicia villosa* (Vetches) | (i) Seeds for sowing | Any Country | Free from:   1. Leaf and pod spot (*Ascochyta fabae*) 2. Soybean cyst nematode (*Heterodera glycines*) 3. Stem and bulb nematode (*Ditylenchus dipsaci*) 4. Broad bean viruses viz. mottle, necrosis, strain (Comovirus), true mosaic, wilt virus l and 2 (Fabavirus) | Free from quarantine weed seeds. |
| (ii) Seeds for consumption or processing | Any Country | Free from:   1. Stem and bulb nematode (*Ditylenchus dipsaci*) 2. Soybean cyst nematode (*Heterodera glycines*) | Fumigation with Methyl bromide @ 32 g/m3 for 24 hrs at 210C 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. |

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| 676. | *Vicia sativa* (vetch), *Vicia villosa* | Seeds for sowing | Syria (ICARDA) | Free from:   1. *Bruchus rufipes* 2. *Mimosestes mimosae* 3. *Bruchidius bimaculatus* 4. *B. incarnatus* 5. *B. lividimanus* 6. *B. quinqueguttatus* 7. *Bruchus atomarius* 8. *B. dentipes* 9. *B. ervi* 10. *B. hamatus* 11. *B. lugubris* 12. *B. luteicornis* 13. *B. rufimanus* (n)*Bruchus rufipes* (o)*B. tristiculus* 14. *B. ulicis ulicis* 15. *Ditylenchus dipsaci* 16. *Broad bean stain virus* | 1. Free from quarantine weed seeds. 2. Post-entry quarantine growing for 2-3 month 3. Crop Inspection and certification for freedom from *Broad bean stain virus* |
| 677. | *Vigna* (*Phaseolus*) spp. (Beans). | (i) Seeds for sowing | Any Country | Free from:   1. Scab (*Elsinoe phaseoli*) 2. Downy mildew of lima bean (*Phytophthora phaseoli*) 3. Pod and stem blight (*Phomopsis longicolla*) 4. Bacterial wilt (*Curtobacterium flaccumfaciens*   pv. *flaccumfaciens*)   1. Bean bruchid (*Acanthoscelides obtectus*) | Free from quarantine weed seeds. |
| (ii) Seeds for consumption or processing | Any Country | Free from Bean bruchid (*Acanthoscelides obtectus*) | 1. Free from quarantine weed seeds 2. Fumigation with Methyl bromide @ 32 g/m3 for 24 hrs at 210C and above under NAP and the treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the   manner approved by the Plant Protection Adviser. |
| 678. | *Vigna* spp. (Cowpea) | (i) Seeds for sowing | Any Country | Free from:   1. Bruchids (*Bruchidium* spp., *Stator* spp.) 2. Cowpea seed-borne viruses (bromo virus, poty virus, comovirus, carmovirus) | Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture, Cooperation and  Farmers Welfare in the Ministry |

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| (ii) Seeds for consumption | Any Country | Free from bruchids (*Bruchidium* spp., *Stator* spp.) | Fumigation with Methyl bromide @ 32 g/m3 for 24 hrs at 210C and above under NAP and the treatment to be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant  Protection Adviser. |
| (iii) Vegetable (beans) for Consumption | Thailand | Free from:   1. *Anomala cupripes* (large green chafer beetle) 2. *Anomala pallida* | Nil |
| 679. | *Vinca* spp. / *Catharanthus*  spp. (Vinca/ Periwinkle) | Seeds for sowing | 1. Japan 2. Russia 3. Europe 4. USA 5. Taiwan | Nil | Free from quarantine weed seeds. |
| 680. | *Viola* spp. (Pansy) | Seeds for sowing | (i) Germany | Free from:   1. *Colletotrichum violaetricoloris* (Anthracnose) 2. *Spaceloma violae* (Scab) 3. *Urocystis violae* (Smut) | Free from quarantine weed seeds. |
| (ii) USA | Free from:   1. *Mycocentrospora acerina* (Halo blight) 2. *Ramularia lacteal* (White spot) 3. *Spaceloma violae* (Scab) 4. Cherry leaf roll virus 5. *Pseudomonas viridiflava* (Bacterial leaf blight of tomato (USA)) | 1. Free from quarantine weed seeds. 2. Crop inspection and certification for free from cherry leaf roll virus. |
| 1. France 2. Denmark | Free from *Mycocentrospora acerina* (Halo blight) | Free from quarantine weed seeds. |
| 1. Netherlands 2. UK | Nil | Free from quarantine weed seeds. |
| (vii) Japan | Free from *Pseudomonas viridiflava* (bacterial leaf  blight of tomato) | Free from quarantine weed seeds. |
| (viii) Australia | Free from:   1. *Pseudomonas viridiflava* (bacterial leaf blight of tomato) 2. Tobacco rattle virus | 1. Free from quarantine weeds seeds. 2. Crop inspection and certification for freedom from tobacco rattle virus. |
| (ix) Guatemala | Free from:   1. *Peridroma saucia* (pearly underwing moth) 2. *Spodoptera fugiperda* (fall army worm) | Freedom from quarantine weeds seeds and soil. |

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| 681. | *Vitis vinifera*  (Grapevine) Grape | (i) Rooted stock/ Bud wood (stem cuttings)/ Saplings | Any Country | Free from:   1. Grapevine Phylloxera or vine louse (*Viteus vitifoliae*, syn. *Daktulosphaira vitifoliae*) 2. Rust (*Phakopsora vitis*) 3. Dead arm (*Cryptosporella viticola* syn.   *Phomopsis viticola*)   1. Cown gall (*Agrobacterium vitis*) 2. Gummosis (*Pantoea agglomerans*) 3. Hairy root (*Agrobacterium rhizogenes*) 4. Pierce‟s disease (*Xylella fastidiosa*) 5. Bacterial necrosis (*Xylophilus ampelinus*) 6. Grapevine viruses: Luteovirus, Nepovirus, 7. Closterovirus, Trichovirus, Potyvirus. | 1. Post-entry quarantine for a period of one year. 2. Import subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfare in the Ministry of Agriculture. |
|  |  | (ii) Fresh fruits for consumption | (i) Afghanistan | Nil | Nil |
| (ii) Australia | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Bactrocera tryoni* (Queensland fruit fly) 3. *Ceratitis capitata* (Mediterranean fruit fly) 4. *Epiphyas postvittana* (light brown apple moth) 5. *Frankliniella occidentalis* (Westeran flower thrips) 6. *Pseudococcus calceolariae* (scarlet mealy bug) | 1. Pest free area status for *Bactrocera tryoni* (Queensland fruit fly) and *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 40 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly and Queensland fruit fly or 3. Pre shipment cold treatment   at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days plus in-transit refrigeration  against Queensland fruit fly |
| (iii) Canada | Free from :   1. *Frankliniella occidentalis* (Westeran flower thrips) 2. *Peridroma saucia* (pearly underwing moth) 3. *Spodoptera frugiperda* (fall armyworm) |

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|  |  |  | (iv) Chile | Free from :   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Frankliniella occidentalis* (western flower thrips) 4. *Peridroma saucia* (pearly underwing moth) 5. *Pseudococcus calceolariae* (scarlet mealybug) 6. *Selenaspidus articulatus* (West Indian red scale) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days   plus in-transit refrigeration against Mediterranean fruit fly |
|  |  |  | (v) China | Free from :   1. *Aspidiotus nerii* (aucuba scale) 2. *Peridroma saucia* (pearly underwing moth) 3. *Pseudococcus calceolariae* (scarlet mealybug) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against   Mediterranean fruit fly |
| (vi) France | Free from :   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceratitis capitata* (Mediterranean fruit fly) 3. *Frankliniella occidentalis* (Western flower thrips) 4. *Peridroma saucia* (pearly underwing moth) 5. *Pseudococcus calceolariae* (scarlet mealybug) 6. *Lobesia botrana* (grapve berry moth) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210Cor above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days   plus in-transit refrigeration against Mediterranean fruit fly |

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|  |  |  | (vii) Iran | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Lobesia botrana* (grapve berry moth) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days   plus in-transit refrigeration against Mediterranean fruit fly |
|  |  |  | (viii) Italy | Free from:   1. *Arabic mosaic virus* (hop barebine) 2. *Aspidiotus nerii* (aucuba scale) 3. *Ceratitis capitata* (Mediterranean fruit fly) 4. *Frankliniella occidentalis* (Western flower thrips) 5. *Peridroma saucia* (pearly underwing moth) 6. *Phytonemus pallidus* (strawberry mite) 7. *Pseudococcus calceolariae* (scarlet mealybug) 8. *Lobesia botrana* (grapve berry moth) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 3. Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration   against Mediterranean fruit fly |

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|  |  |  | (ix) New Zealand | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Calepitrimerus vitis* (grape leaf rust mite) 3. *Epiphyas postvittana* (light brown apple moth) 4. *Frankliniella occidentalis* (Western flower thrips) 5. *Panonychus citri* (citrus red mite) 6. *Pseudococcus calceolariae* (scarlet mealybug) 7. *Pseudococcus longispinus* (long-tailed mealybug) | 1. Pest free area status for *Bactrocera tryoni* (Queensland fruit fly) and *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @ 40 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly and Queensland fruit fly or 3. Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days plus in-transit refrigeration against Queensland fruit fly |
|  |  |  | (x) South Africa | Free from:   1. *Ceratitis capitata* (Mediterranean fruit fly) 2. *Ceratitis rosa* (Natal fruitfly) 3. *Frankliniella occidentalis* (western flower thrips) 4. *Pseudococcus calceolariae* (scarlet mealybug) 5. *Scirtothrips aurantii* (South African citrus thrips) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) and *Ceratitis rosa* (Natal fruit fly) as per international standards or 2. Methyl bromide fumigation @   32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly and Natal fruit fly   1. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against   Mediterranean fruit fly and Natal fruit fly. |

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|  |  |  | (xi) USA | Free from:   1. *Anastrepha fraterculus* (South American fruit fly) 2. *Aspidiotus nerii* (aucuba scale) 3. *Ceratitis capitata* (Mediterranean fruitfly) 4. *Epiphyas postvittana* (light brown apple moth) 5. *Frankliniella occidentalis* (Western flower thrips) 6. *Panonychus citri* (citrus red mite) 7. *Peridroma saucia* (pearly underwing moth) 8. *Pseudococcus calceolariae* (scarlet mealybug) 9. *Selenaspidus articulatus* (West Indies red scale) | 1. Pest free are status for *Anastrepha fraterculus* (South American fruit fly) and *Ceratitis capitata*(Mediterranean fruit fly) as per international standards or 2. Methyl bromide fumigation @   32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly and Methyl bromide fumigatin @ 40 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against *Anastrepha fraterculata* or   1. Pre-shipment cold treatment at 00C or below for 10 days; at 0.550C or below for 11 days; at 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and at 0.550C or below for 18 days; at 1.10C or below for 20 days plus in-transit refrigeration against   *Anastrepha fraterculata* |
|  |  |  | (xii) Egypt | Free from:   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceratitis capitata* (mediterranean fruit fly) 3. *Harmonia axyridis* (harlequin lady bird) 4. *Lobesia botrana* (grape berry moth) 5. *Otiorhynchus sulcatus* (vine weevil) 6. *Brevipalpus lewisi* (citrus flat mite) 7. *Phytophthora cryptogea* (tomato foot rot) 8. Grapevine fan leaf virus (grapevine court- noue virus) 9. Peach rosette mosaic virus (rosette mosaic of peach) 10. Tomato ringspot virus (ringspot of tomato) | Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards Or   1. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly or 2. Pre-shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days. The treatment should be endorsed on Phytosanitary   Certificate issued at the |

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| (xiii) Morocco | Free from:-   1. *Aspidiotus nerii* (aucuba scale) 2. *Ceratitis capitata* (mediterranean fruit fly) 3. *Lobesia botrana* (grape berry moth) 4. *Peridroma saucia* (pearly underwing moth) 5. *Pseudococcus calceolariae* (scarlet mealy bug) 6. Grapevine fan leaf virus (grapevine court- nouevirus) | 1. Pest free area status for *Ceratitis capitata* (Mediterranean fruit fly) as per international standards   Or   1. Methyl bromide fumigation @ 32 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly.   Or   1. Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 00C or below for 13 days; 0.550C or below for 14 days; 1.10C or below for 18 days. The treatment should be endorsed on Phytosanitary   Certificate issued at the country of Origin/re-export. |
| (xiv) Spain | Free from:   1. *Ametastegia* 2. *Ceratitis capitata* (Mediterranean fruitfly) 3. *Frankliniella occidentalis* (Western flower thrips) 4. *Limothrips cerealium* (corn thrips) 5. *Lobesia botrana* (grape berry moth) 6. *Spodoptera frugiperda* (fall armyworm) 7. *Helix aspersa* (common snail) 8. *Phaeoacremonium aleophilum* (Petri disease) 9. *Phaeomoniella chlamydospora* (Petri disease) 10. *Phytophthora cryptogea* ( tomato foot rot) | 1. Pest free status for *Ceratitis spp*. as per international standards   or   1. Pre shipment cold treatment at 0oC or below for 10 days; 0.55oC or below for 11 days; 1.1oC or below for 12 days plus in-transit refrigeration against fruit flies   or   1. MBr fumigation @ 32 g/cubic metre for 2 hrs at 21oC or above at NAP or equivalent thereof against Mediterranean fruit fly.   The treatment should be endorsed on Phytosanitary Certificate issued at the country of origin/re-  export. |

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|  |  |  | (xv) Peru | Free from:   1. *Anastrepha fraterculus* (South American fruit fly) 2. *Aspidiotus nerii* (aucuba scale) 3. *Ceratitis capitata* (Mediterranean fruitfly) 4. *Eryophyes vitis* (grape mite) 5. *Frankliniella occidentalis* (Western flower thrips) 6. *Panonychus citri* (citrus red mite) 7. *Peridroma saucia* (pearly underwing moth) 8. *Pseudococcus longispinus* (long tailed mealybug) 9. *Selenaspidus articulatus* (West Indies red scale) 10. *Spodoptera frugiperda* (fall armyworm) 11. *Nectria radicicola* (black rot) | a) Pest free area status for *Anastrepha fraterculus* (South American fruit fly) and *Ceratitis capitata* (Mediterranean fruit fly) as per international standards or   1. Methyl bromide fumigation @   40 g/m3for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly and South American fruit fly; or   1. Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and at 0.550C or below for 18 days; at 1.10C or below for 20 days plus intransit   refrigeration against  *Anastrepha fraterculata* and the treatment to be endorsed on Phytosanitary Certificate |
|  |  |  | (xvi) Mexico | Free from:   1. *Anastrepha fraterculus* (South American fruit fly) 2. *Aspidiotus nerii* (aucuba scale) 3. *Ceratitis capitata* (Mediterranean fruitfly) 4. *Amyelois transitella* (naval orange worm) 5. *Caliothrips faciatus* (thrips) 6. *Drepanothrips reutri* (grape thrips) 7. *Drosophila simulans* 8. *Frankliniella occidentalis* (Western flower thrips)   (i) *Homalodisca coagulata* (glassy winged sharpshooter)   1. *Hyphantria cunea* (mulberry moth) 2. *Panonychus citri* (citrus red mite) 3. *Melittia cucurbitae* (squash vine borer) 4. *Metcalfa pruinosa* (frosted moth-bug) 5. *Peridroma saucia* (pearly underwing moth) 6. *Plasmophora viticola* (grapevine downy mildew) 7. *Planococcous ficus* (vine mealy bug) | 1. Pest free area status for *Anastrepha fraterculus* (South American fruit fly) and *Ceratitis capitata* (Mediterranean fruit fly) as per international standards; or 2. Methyl bromide fumigation @ 40 g/m3 for 2 hrs at 210C or above at NAP or equivalent thereof against Mediterranean fruit fly and South American fruit fly; or 3. Pre shipment cold treatment at 00C or below for 10 days; 0.550C or below for 11 days; 1.10C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and at 0.550C or below for 18   days; at 1.10C or below for 20 |

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|  |  |  |  | 1. *Pseudococcus calceolariae* (scarlet mealybug) 2. *Pseudococcus longispinus* (long tailed mealybug) 3. *Selenaspidus articulatus* (West Indies red scale) 4. *Spodoptera frugiperda* (fall armyworm) 5. *Tetranychus pacificus* (Pacific spider mite) 6. *Xylella fastidiosa* (Pierce's disease of grapevines) 7. Grapevine fanleaf virus (grapevine court-noué virus) 8. Grapevine leafroll-associated viruses (leafroll disease) | days plus in-transit  refrigeration against *Anastrepha fraterculata* and the treatment to be endorsed on Phytosanitary Certificate. |
| (iii) Raisins (dried grapes) for consumption | Any Country |  | Fumigation with Methyl bromide @ 16 g/m3 for 24 hrs at 210C and above at NAP and treatment shall be endorsed on phytosanitary certificate or by any other fumigant/ substance in the manner approved by the Plant Protection Adviser for this  purpose |
|  |  | (iv) Seeds (dried) for medicinal use | France | Nil | 1. (a) Weed free crop/area certification or    1. Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or    2. Devitalization of seed by heat treatment at 1200C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India, and 2. Management of handling, transportation, milling and processing of import consignment and manner of disposal refure as per the guidelines prescribed by the Plant Protection Adviser to   the Government of India |
| 682. | *Wodyetia bifurcate*  (Foxtail palm) | Plants for propagation | Australia | Nil | 1. Post-entry quarantine for a period of one year. 2. Free from soil. |

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| 683. | *Xanthosoma* spp. | Tissue cultured plants | USA | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from *Xanthomonas axonopodis* pv.  *dieffenbachiae* (bacterial blight of aroids) | Nil |
| 684. | *Yucca* spp. | Tissue cultured plants | 1. Brazil 2. Costa Rica 3. Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained  free from yucca bacilliform virus. | Nil |
| (iv) Columbia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained  free from furcaea necrotic streak virus. | Nil |
| (v) Any country Except Columbia, Brazil, Costa  Rica, Italy | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus | Nil |
| 685. | *Zamia* spp. | (i) Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| (ii) Plants for propagation | Any Country | Nil | Post-entry quarantine for a period of 45 days. |
| 686. | *Zamioculcas* | Tissue culture plants | Australia | Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus. | Nil |
| 687. | *Zantedeschia aethiopica* | Plants/ cuttings for propagation | Netherlands | Free from *Phytophthora richardiae* (root rot) | 1. Free from soil and other plant debris. 2. Post-entry quarantine for a period of 45 days. |
| 688. | *Zea mays*  (Maize/ Corn) | (i) Seeds for sowing | Any Country | Free from:   1. Stewart‟s wilt (*Pantoea stewartii* sub sp.   *stewartii*)   1. Nebraska wilt (*Clavibacter michiganensis* sub sp. *nebraskensis*) 2. Southern corn blight (*Drechslera maydis* Race T) 3. Ergot (*Claviceps gigantea*) 4. Tropical rust (*Physopella zeae*) 5. Anthracnose (*Kabatiella zeae*) 6. Larger grain borer (*Prostephanus truncatus*) (h)Maize weevil (*Sitophilus zeamais*) (i)*Mycospharella zeae-maydis*   (j)*Burkholderia andropogonis* (k)*Pantoea agglomerans* (l)*Pseudomonas fuscaviginae*   1. *Pseudomonas syringae* pv. *Coronofaciens* 2. Maize chlorotic dwarf machlovirus | 1. Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture, Cooperation and Farmers Welfarein the Ministry of Agriculture. 2. Free from soil. 3. Free from quarantine weed seeds. |

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|  |  | (ii) Grains for consumption or processing | Any Country | Free from:   1. Ergot (*Claviceps gigantea*) 2. Larger grain borer (*Prostophonus truncatus*) 3. Maize weevil (*Sitophilus zeamais*) | Fumigation with methyl bromide @ 32 g/m3 for 24 hrs. at 210C and above under NAP and the treatment shall be endorsed on Phytosanitary Certificate or by any other fumigant/substance in the manner approved by the Plant  Protection Adviser. |
| 689. | *Zingiber* spp. (Ginger) | (i) Rhizome for consumption | (i) Nepal | Nil | Free from quarantine weed seeds and soil. |
| (ii) Rhizomes for propagation | (i) Thailand | Nil | 1. Post-entry quarantine for one growth season. 2. Free from soil. |
| 690. | *Zingiber officinale*  (Ginger*)* | Rhizomes for propagation | 1. Australia 2. Bhutan 3. China 4. Fiji 5. Mauritius 6. Nigeria | Free from:   1. *Pratylenchus coffeae* 2. *P. brachyurus* 3. *Radopholus similis* | 1. Free from soil. 2. Post-entry quarantine growing for 2-3 month except for research. |
| (vii) Suriname | Free from *Spodoptera frugiperda* |
| (viii) Nepal | Nil |
| 691. | *Zinnia* spp. (Zinnia) | Seeds for sowing | Any Country | Nil | Free from quarantine weed seeds. |
| 692. | *Ziziphus* spp. | Dried fruits (berries) for consumption | Iran | Free from *Lobesia botrana* (grape berry moth) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C and above or equivalent or any other treatment approved by the Plant Protection Adviser to the Government of India and the treatment should be endorsed on Phytosanitary Certificate issued at  the Country of Origin/re-export. |
| 693. | *Zizyphus jujube*  (Chinese date) | Seeds for sowing | China | Nil | 1. Free from quarantine weed seeds. 2. Commercial imports subject to prior approval of Department of Agriculture, Cooperation and   Farmers Welfare |
| 694. | *Zoysia japonica* | Seeds for sowing | USA | Free from *Gaeumannomyces graminis var. graminis*  (crown sheath rot) | Free from quarantine weed seeds and soil contamination |

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| 696 | *Larix* spp. (Larch) | Timber logs with/ without bark for consumption | Canada | Free from:   1. *Monochamus scutellatus scutellatus* (whites potted sawyer) 2. *Monochamus scutellatus* (white spotted sawyer) 3. *Otiorhynchus singularis* (clay coloured weevil) 4. *Lachnellula willkommii* (European larch canker) 5. *Dendroctonus simplex* (easternlarch beetle) 6. *Dryocoetes autographus* (bark beetle) 7. *Monochamus scutellatusoregonensis* (Oregon fir sawyer) 8. *Sirex juvencus* (steel-blue wood wasp)   i) *Gnathotirchus sulcatus* (western hemlock wood stainer)   1. *Dendroctonus pseudotsugae* (douglas-fir beetle) 2. *Orgyia leucostigma* (white-marked tussock moth) 3. *Bursaphelenchus xylophilus* (pine wilt nematode) 4. *Orgyia pseudotsugata* (douglas-fir tussock moth) 5. *Trypodendron lineatum* (striped ambrosia beetle) 6. *Ips grandicollis* (five-spined bark beetle) | Fumigation with Methyl bromide at 48 g/m3 for 24 hrs at 210C or above or equivalent thereof;  Or  Heat Treatment at 560C (core temperature) for 30 minutes.  The treatment should be endorsed on the Phytosanitary Certificate issued at the country of export/ re-export |
| 697 | *Tectona grandis* (Teak) | Timber (Sawn or sized wood) | Ecuador | Free from:   1. *Coptotermes testaceus* (Termite) 2. *Steirastoma breve* (Cocao beetle)   The consignment is free from quarantine weed seeds | 1. Export consignment must comply with Systems Approach. 2. Pre-shipment fumigation with phosphine gas @ 3 g/m3 (Aluminium phosphide/ Magnesium phosphide) for 7 days. 3. Fumigation agency and   fumigation operator must be accredited by NPPO India. |
| 698 | *Dimorphandra mollis* (Fava) | Fava Powder | Brazil | Nil | Free from:   1. Quarantine weed seeds as listed under Schedule VIII of PQ Order, 2003. 2. Soil Contamination |