

SECOND SCHEDULE

List of plants or plant products permitted for importation with additional declarations and special phytosanitary conditions

SL. No.	Category of Commodity	Plant Species	Use	Country of Origin	Requirement of Additional declarations	Special Conditions of Import
1	2	3	4	5	6	7
1	Cereal	Rice	Grain for consumption	Any country	Free from Granary weevil (<i>Sitophilus granarius</i>)	Fumigation with appropriate fumigant at recommended dose before shipment or on board shipment
2	Do	Rice (<i>Oryza sativa</i>)	Seed for sowing	China, India, Philippines, Thailand, Vietnam	Free from Sheath blight (<i>Rhizoctonia solani</i>)	Hot water treatment at 52°-57° C for 15 minutes and or seed dressing with benalate (Carboxynilide Group Fungicide) @ 1 gm./1000 gm. of seeds.
				Mexico, USA, British Honduras, Cuba, Costa Rica, Guatemala, Panama, El-Salvador , Colombia, Surinam and Venezuela	Rice hoja blanca virus	Prohibited but small quantities of rice seed shall be allowed to be imported exclusively for scientific purpose only subject to treatment and observation for one growing season in post-entry quarantine. Such seed sample shall carry phytosanitary certificate stating that the Hoza Blanca disease or the occurrence of that disease had not been noticed in the fields from where the seeds were collected.
3	Do	Wheat (Triticum Spp)	Grain for consumption	Any country	Free from Granary weevil (<i>Sitophilus granarius</i>) Ug99 (<i>P. graminis tritici</i>) Canary grass: (<i>Phalaris minor</i>)	Fumigation with appropriate fumigant at recommended dose before shipment or on board shipment
	Do		Seed for sowing	Any country	Free from Granary weevil (<i>Sitophilus granarius</i>) Powdery mildew,	a) The field where the crop is grown and from which the seeds are collected shall be regularly inspected by Plant

					(<i>Erysiphe graminis</i>)	Quarantine Officer of the phytopathological service and seed certification agency of the supplying shall be procured only from the fields where no incidence of above diseases has been observed; b) Fumigation with appropriate fumigant at recommended dose before shipment or on board shipment
					Yellow ear rot (<i>Anguina tritici</i> <i>Corynebacterium tritici</i>)	
					Septoria Leaf Blotch: (<i>Septoria tritici</i>)	
					Leaf blight: (<i>Alternaria triticina</i>)	
					Molya disease: (<i>Heterodera avenae</i>)	
					Canary grass: (<i>Phalaris minor</i>)	
					Ug99 (<i>P. graminis tritici</i>)	
4	Do	Maize (<i>Zea maize</i>)	Grain for consumption	Any country	Free from any grass seed	Fumigation with appropriate fumigant at recommended dose before shipment or on board shipment
			Seed for sowing	Any country	Free from <i>Sclerospora hilippensis</i> ; <i>Sclerospora sacchari</i> ; <i>Sclerospora maydis</i> ; <i>Sclerophthora rayssiae</i> var <i>zeae</i>	(1) Importation of maize seeds from North, Central and South America as well as Continental Europe, USSR and China is prohibited due to the presence of Bacterial wilt, Bacterial Leaf blight or Stewart's disease caused by <i>Erwinia stewartii</i> .

						(2) Each consignment of maize seeds shall be subject to inspection, fumigation, treatment and post entry quarantine before release.
						(3) Import of maize plant and seedlings is prohibited.
5	Do	Pearl Millets (<i>Pennisetum americanum</i>)	Grain for consumption	Any country	Free from any grass seed	Fumigation with appropriate fumigant at recommended dose before shipment or on country throughout the entire growing period till harvest of the crop. Seeds board shipment
			Seed for sowing	Any country	Downy mildew (<i>Sclerospora graminicola</i>)	a) Each consignment of seed shall be subject to inspection fumigation and treatment and post-entry quarantine before release b) Free from grass seed
					Rust (<i>Puccinia substriata</i>)	
					Ergot (<i>Claviceps fusiformis</i>)	
6	Do	Sorghum (<i>Sorghum vulgare</i>)-	Grain for consumption	Any country	Free from any grass seed	Fumigation with appropriate fumigant at recommended dose before shipment or on board shipment
			Seed for sowing	Any country	Free from Bacterial blight (<i>Pseudomonas andropogonis</i>), Bacterial streak <i>Xanthomonas holcicola</i> .	a) Small quantity of sorghum seed may be imported under a phytosanitary certificate stating that they were collected from fields which had been regularly inspected during growing season b) Each consignment of seed shall be subject to inspection fumigation and treatment and post-entry quarantine

						before release c) Free from grass seed
7		Oat (<i>Avena sativa</i>)	Grain (seed) for consumption	Any country	Free from: (a) <i>Cryptolestes ferrugineus</i> (rusty grain beetle) (b) <i>Trogoderma variabile</i> (grain dermestid) (c) <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth) (d) <i>Ceratobasidium cereale</i> (sharp eye spot of cereals) (e) <i>Fusarium culmorum</i> (culm rot: cereals) (f) <i>Monographella nivalis</i> (foot rot: cereals)	(i) Fumigation with Methyl bromide at 80 g. per cubic metre for 48 hrs. at 21° C and above or equivalent or any other treatment duly approved by the Plant Protection Adviser to the Government of India. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re- export. (ii) Free from soil and quarantine weed seeds.
8	Do	Other cereals	Grain for consumption	Any country	Free from any grass seed	Fumigation with appropriate fumigant at recommended dose before shipment or on country throughout the entire growing period till harvest of the crop. Seeds board shipment
			Seed for sowing	Any country		a) Each consignment of seed shall be subject to inspection fumigation and treatment and post-entry quarantine before release b) Free from grass seed
9	Fruits	Dried Fruits: (Stone fruits) Almond/ Apricot/ Plum (Alobokhara)/ Peach/ Cherry (<i>Prunus spp.</i>) /Pista (<i>Pistavera</i>)	For consumption	Any country	Free from: (a) Mediterranean flour moth (<i>Ephestia kuehniella</i>) (b) Apricot chalcid (c) <i>Ephestia elutella</i> (Tobacco moth) (d) <i>Plodia interpunctella</i> (Indian male moth)	Fumigation with appropriate fumigant at recommended dose before shipment or on board shipment

		Raisin and Monacea (Vitis spp.(Dried grape), Ber (<i>Ziziphus mauritiana</i>) etc				
10	Fruits	Apple including Pear (<i>Pyrus</i> spp.) and Quince (<i>Cydonia spp.</i>)	(iii) Fresh fruits for consumption	Any country	Free from: (a) <i>Bactrocera tryoni</i> (Queensland fruit fly) (b) <i>Ceratitis capitata</i> (Mediterranean fruit fly) (c) <i>Cydia pomonella</i> (codling moth) (d) <i>Epiphyas postvittana</i> (light brown apple moth) (e) <i>seudococcus calceolariae</i> (scarlet ealybug) (f) <i>Erwinia amylovora</i> (fire blight)	(a) Pest free status for <i>Bactrocera tryoni</i> (Queensland fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly), <i>Ceratitis rosa</i> (Natal fruit fly) as per international standards or (b) Pre-shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against Queensland fruit fly
			(i) Cuttings/ Saplings/ Bud wood for planting or propagation	Any Country	Free from: (a) Fire blight (<i>Erwinia amylovora</i>) (b) Crown gall (<i>Agrobacterium tumefaciens</i>) (c) Hairy root (<i>A. rhizogenes</i>)	(i) Post-entry quarantine for a period of 1-2 years. (ii) Import subject to prior approval of Plant Quarantine Wing of Department of Agricultural Extension

					(d) Apple and pear rusts (<i>Gymnosporangium</i> spp) non asiatic (e) Apple scar skin, apple stem grooving viruses. (f) Seed chalcid (<i>Megastigmus spermotrophus</i>) (g) Viruses/ phytoplasmas affecting Pomidae.	of 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.
11	Do	Avocado (<i>Persea americana</i>)	For consumption	Any country	-	a) Freedom from soil b) Phytosanitary certificate
12	Fruits	Banana (<i>Musa sapientum</i>)	Tissue cultured plants	Any country	Free from (a) Abaca mosaic virus (b) Banana mild mosaic virus	a)Each consignment shall be certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.
			Corm for vegetative propagation	Any country except Central and South America and the Caribbean	Free from Root nematode (<i>Radophilus similis</i>) Black leaf streak (<i>Mycosphaerella fijiensis</i>).	a)Import of vegetative planting material of banana from Central and South America and the Caribbean and from South India is strictly prohibited due to the presence of Moko disease (<i>Pseudomonas solanacearum</i>) in it.

				and from South India		<p>b) While importing, the outer corm tissues shall be removed until clean tissues are exposed. This planting material shall be treated in not water at 55⁰ C for 20 minutes before its mandatory growth in post-entry quarantine.</p> <p>c) Import of large quantities of planting material shall not be allowed.</p>
13	Do	<i>Papaya</i> (<i>Carica papaya</i>)	Seeds for sowing	Any country	Nil	Free from quarantine weed seeds.
14	Do	<i>Citrus</i> spp. (Lemon, lime, orange, grapefruit, mandarins, etc. and other rutaceous)	Fresh fruits for consumption	Any country	<p>Free from:</p> <p>(a) <i>Aspidiotus nerii</i> (aucuba scale) (b) <i>Bactrocera aquilonis</i> (c) <i>Bactrocera jarvisi</i> (d) <i>Bactrocera neohumeralis</i> (e) <i>Bactrocera tryoni</i> (Queensland fruit fly) (f) <i>Ceratitis capitata</i> (Mediterranean fruit fly) (g) <i>Epiphyas postvittana</i> (light brown apple moth) (h) <i>Guignardia citricarpa</i> (citrus black spot) (i) <i>Pseudococcus calceolariae</i> (scarlet mealybug) (j) <i>Unaspis citri</i> (citrus snow scale)</p>	<p>(a) Pest-free area status for <i>Bactrocera aquilonis</i>, <i>B. jarvisi</i>, <i>B. neohumeralis</i>, <i>B. tryoni</i> (Queensland fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly), Pest free area status for <i>Bactrocera tsuneonis</i> (Japanese orange fly) as per international standards</p> <p>(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</p>

						Queensland fruit fly.
			For vegetative propagation (cuttings, seed other propagules)	Any country	Greening (African greening of citrus- <i>Candidatus Liberibacter africanas</i> Stubborn (<i>Spiroplasma citri</i>) Mal Secco (<i>Phoma tracheiphila</i>) Blackspot (<i>Guignardia citricarpa</i>) Leprosis (Citrus leprosis virus) Indian ring spot (Indian citrus ringspot virus) Citrus gall wasp (<i>Bruchophagus fellis</i> –Girault)	a) The importation of Citrus plants, cuttings or propagules shall be made for scientific purposes. b) The imported plants or cuttings are grown at a post entry quarantine station for a period adequate to ensure their freedom from virus and other diseases.
15	Do	Cocoa (<i>Theobroma cacao</i>) and <i>Theobroma</i> sp	For consumption and for propagation	Countries except Africa, West Indies and Sri Lanka.		The consignment shall bear a declaration as to the origin of the plants and be accompanied by a phytosanitary certificate stating that they were inspected and found free from pod rot (<i>Monilia roreri</i>), mealy pod (<i>Trachysphaera fructigena</i>) and Witches broom (<i>Crinipellis perniciosus</i>) (<i>formerly known as Marasmius perniciosus</i>) and that swollen shoot and other virus diseases do not occur in the country of origin. Plants are subject to inspection and fumigation are the prescribed point of entry and to post entry quarantine .
16	Do	<i>Coffea</i> spp. (Coffee and related species	Coffee beans for consumption or processing	Any Country	Free from Coffee Berry Borers (<i>Hypothenemus hampei</i> , <i>Sophranica ventralis</i>)	Fumigation with appropriate fumigant at recommended dose before shipment or on board shipment

		of Rubiaceae)				
17	Do	Coconut (<i>Cocos nucifera</i>)	For planting/sowing/pro pagation or consumption	Carribean area (Central and South America) Jamaica, Haiti, Florida. Ghana, Togoland. Philippines. Guayana, West Indies. South India, Malaysia. Sri-Lanka. Andhra Pradesh, India. .	Red Ring (<i>Rhadinaphelenchus cocophilus</i>), (b) Lethal Yellowing (c) Kaincope (d) Cadang Cadang (e) Bronze Leaf Wilt (f) Root Wilt (g) Guam Coconut (h) Coconut Wilt (i) Leaf Scorch (j) Tatipaka	Prohibited
	Do	Coconut (<i>Cocos nucifera</i>)	For planting/sowing/pro pagation or consumption	Any country or areas of production except above countries or Areas of growing		Importation of coconut seed/seedling shall, under permit, be made only in small quantities not exceeding 100 nuts per consignment restricted to unsprouted nuts from which the perianth has been removed. The seed nuts shall be accompanied by a phytosanitary Certificate from the

						<p>authority concerned in the country of origin, stating that the seeds/seedlings come from trees showing no sign of any diseases mentioned above. upon arrival, the seeds shall be fumigated or treated by any other method considered appropriate by the Director to remove the risk of introducing insects.</p> <p>The imported seed nuts/seedling shall be planted in individual containers in post entry quarantine for a period of two years in case of nuts and one year for seedlings. Any disease detected during post entry quarantine in the seedling shall be burnt together with containers and planting media.</p>
			For planting/sowing/propagation	Thailand, Malaysia, Vietnam, Myanmar, Indonesia, Philippines	Free from Coconut Hispine beetle	The seed nuts/seedling shall be accompanied by a phytosanitary Certificate from the authority concerned in the country of origin, stating that the seeds/seedlings are free from Hispine beetle.
			For planting/sowing/propagation	India except South India	Free from Eriophyid mite	The seed nuts/seedling shall be accompanied by a phytosanitary Certificate from the authority concerned in the country of origin, stating that the seeds/seedlings are free from Eriophyid mite.
18	Do	Ber (Jujube, Indian Plum)	Rooted stock/Bud wood	Any country	Free from Mealy bug, mite, powdery	a) The importation of Ber plants, cuttings or propagules shall be made

		<i>Ziziphus mauritiana</i>	(stem cuttings)/Saplings		mildew, thrips etc	for scientific purposes. b) The imported plants or cuttings are grown at a post entry quarantine station for a period adequate to ensure their freedom from pests
19	Do	Betel nut (Arecanut) <i>Areca catechu</i> L	For consumption	Any country	-	Phytosanitary Certificate
	Do		For planting/sowing/propagation.	Any country	Free from Hispine beetle	The seedling shall be accompanied by a phytosanitary Certificate from the authority concerned in the country of origin, stating that the seeds/seedlings are free from Hispine beetle.
20	Do	<i>Coffea</i> spp. (Coffee and related species of Rubiaceae)	Coffee beans for consumption or processing	Any Country	Free from Coffee Berry Borers (<i>Hypothenemus hampei</i> , <i>Sophranica ventralis</i>)	Fumigation with appropriate fumigant at recommended dose before shipment or on board shipment
	Do		For sowing/propagation	Any country		The import of coffee propagating material is restricted to coffee seeds only, limited to small quantities not exceeding one kilogram in one consignment for scientific purpose. The import of coffee seeds or beans may be made from countries where coffee rust (<i>Hemileia vastatrix</i>) and coffee borer (<i>Stephanoderes hampai</i>) do not exist and the seeds are accompanied by a phytosanitary certificate . The import of coffee seeds from Central and South American and

						the Carribean is prohibited due to the presence of American Leaf spot caused by <i>Mycena citricolor</i> (<i>Omphalia flavida</i>);
						Provided that the provisions of this rule shall not apply to roasted and ground coffee.
21	Do	Date palm (<i>Phoenix dactylifera</i>)	(i) Suckers for	Any Country	Free from:	(i) Import subject to prior approval of Plant Protection Wing of Department of Agricultural Extension of the Ministry of Agriculture. (ii) Post-entry quarantine for a period of one year.
			planting		(a) Bayood (<i>Fusarium oxysporum</i> f.sp. <i>albedinis</i>)	
					(b) Palm lethal yellowing (Phytoplasmas)	
					(c) Texas root rot (<i>Phymatotrichum omnivorum</i>)	
					(d) American palm weevil (<i>Rhyncophorus palmarum</i>)	
			(ii) Tissue cultured plants for propagation	Any Country	Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus.	Nil
			(iii) Fresh/ dry fruits for consumption	Any Country	Free from Palm kernel borer (<i>Pachymerus lacerdae</i>)	Fumigation with appropriate fumigant at recommended dose before shipment or on board shipment

22	Do	Dragon Fruit (Hylocerus spp.)	Fruits for consumption	Any country	-	Freedom from soil. Phytosanitary certificate
23	Do	<i>Durio zibethinus</i> (Durian)	Fruits for consumption	Thailand	Nil	Phytosanitary certificate
			Grafts/ budwoods/ plants for propagation	(i) Thailand	Free from: (a) <i>Allocarsidara malayensis</i> (b) <i>Mudaria magniplaga</i> (c) <i>Orgyia turbata</i> (tussock moth) (d) <i>Oxyodes scrobiculata</i> (e) <i>Eutetranychus africanus</i> (citrus brown mite)	(i) Freedom from soil (ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation (iii) Post entry quarantine growing for 6-9 month except for research.
				(ii) Indonesia	Free from: (a) <i>Allocarsidara malayensis</i> (b) <u><i>Graphium agamemnon</i></u> (c) <u><i>Icerya pulchra</i></u> (d) <i>Nisotra javanica</i>	(i) Freedom from soil (ii) Commercial imports subject to prior approval of Department of Agriculture and Cooperation (iii) Post entry quarantine growing for 6-9 month except for research.
				(iii) Malaysia	Free from: (a) <i>Allocarsidara malayensis</i> (b) <u><i>Asterolecanium unguatum</i></u> (c) <u><i>Icerya pulchra</i></u> (d) <u><i>Mudaria magniplaga</i></u> (e) <i>Orgyia turbata</i> (tussock moth) (f) <i>Oxyodes scrobiculata</i>	

24	Do	Fresh grape (<i>Vitis vinifera</i>)	For consumption	Any country	Free from: (a) <i>Aspidiotus nerii</i> (aucuba scale) (b) <i>Bactrocera tryoni</i> (Queensland fruit fly) (c) <i>Ceratitis capitata</i> (Mediterranean fruit fly) (d) <i>Epiphyas postvittana</i> (light brown apple moth) (e) <i>Frankliniella occidentalis</i> (Western flower thrips) (f) <i>Pseudococcus calceolariae</i> (scarlet mealy bug)	(a) Pest free area status for <i>Bactrocera tryoni</i> (Queensland fruit fly) and <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or (b) Pre shipment cold treatment at 0°C or below for 10 days; 0.55°C or below for 11 days; 1.1°C or below for 12 days plus in-transit refrigeration against Mediterranean fruit fly and 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against Queensland fruit fly or Fumigation with appropriate fumigant at recommended dose for control of fruit flies and scale insects
			Rooted stock/Bud wood (stem cuttings)/Saplings	Any Country	Free from:	(j) Post-entry quarantine for a period of one year.
					(a) Grapevine Phylloxera or vine louse (<i>Viteus</i>	
					<i>vitifoliae</i> , syn. <i>Daktulosphaira vitifoliae</i>)	(ii) Importation shall be made subject to prior approval.
					(b) Rust (<i>Phakopsora vitis</i>)	
					(c) Dead arm (<i>Cryptosporella viticola</i> syn.	
					<i>Phomopsis viticola</i>)	
					(d) Crown gall (<i>Agrobacterium vitis</i>)	
					(e) Gummosis (<i>Pantoea agglomerans</i>)	

					(f) Hairy root (<i>Agrobacterium rhizogenes</i>)	
					(g) Pierce's disease (<i>Xylella fastidiosa</i>)	
					(h) Bacterial necrosis (<i>Xylophilus ampelinus</i>)	
25	Do	Guava <i>(Psidium guajava)</i>	Fruits for consumption	Thailand	Free from: (a) <i>Bactrocera papayae</i> (papaya fruit fly) (b) <i>Bactrocera prifoliae</i>	(i) Pest-free area status for <i>Bactrocera papayae</i> (papaya fruit fly) and <i>Bactrocera prifoliae</i> as per international standards or (ii) Fumigation with appropriate fumigants at recommended dose or (iii) Pre-shipment cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against <i>Bactrocera papayae</i> (papaya fruit fly) and <i>Bactrocera prifoliae</i> .
26	Do	Kiwi <i>(Actinidia chinensis and A. Deliciosa)</i>	Fruits for consumption	Any country	Free from: (a) <i>Aspidiotus nerii</i> (aucuba scale) (b) <i>Ceratitis capitata</i> (Mediterranean fruit fly) (c) <i>Pseudomonas syringae</i> pv. <i>Actinidiae</i> (bacterial canker of kiwifruit) (d) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)	(i) Pest-free area status for <i>Ceratitis capitata</i> (Mediterranean fruit fly) as per international standards or (ii) Fumigation with appropriate fumigants at recommended dose or (iii) Pre-shipment cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against

						Mediterranean fruit fly.
27	Do	Litchi (<i>Litchi chinensis</i>) and subsp. (<i>philippinensis</i>)	(i) Cuttings/ plants for propagation	(i) Madagascar (ii) Vietnam	Nil	(i) Freedom from soil (ii) Post entry quarantine growing for a period of 6-9 months except for research. (iii) Commercial imports subject to prior approval of the Director PQW
			(ii) Fresh fruits for consumption	Thailand	Free from: <i>Conopomorpha sinensis</i> <i>Pseudococcus jackbeardsleyi</i> (Jack beardsley mealybug)	Freedom from soil.
28	Do	Longan (<i>Dimocarpus longan</i>)	Fruits for consumption	Thailand	-	a) Freedom from soil b) Phytosanitary certificate
29	Do	Mango (<i>Mangifera indica</i>)	Fruits for consumption	Any country	Free from: (a) <i>Bactrocera tryoni</i> (Queensland fruit fly) (b) <i>Ceratatis capitata</i> (Mediterranean fruit fly) (c) <i>Ceratatis correcta</i> (Asian guava fruit fly Bactocera caryeae Bactora diversa (stripped fruit fly) (f) <i>Ceratatis cosyra</i>	Pest-free area status for fruit fly. B) Freedom from soil
			Cuttings/ grafts/ budwood/ rooted plants for propagation	Any country	Free from <i>Coccus viridis</i> Green scale <i>Ceroplastes rubens</i>	(i) Freedom from soil (ii) Commercial imports subject to prior

					Red wax scale <i>Aonidomytilus albus</i> Tapioca scale insect	approval of the Director of PQW (iii) Post-entry quarantine growing for 6-9 month.
					<i>Aulacaspis tubercularis</i> White mango scale <i>Parlatoria crypta</i> Armored scale <i>Drosichia mangifera</i> Mango mealy bug	
30	Do	Mangosteen (<i>Garcinia mangostana</i>)	Fruits for consumption	Thailand	Free from : (a) <i>Bactrocera papayae</i> (papaya fruit fly) (b) Mealy bug	(i) Fumigation with appropriate fumigants at recommended dose or (ii) Pre-shipment cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against papaya fruit fly.
30	Do	<i>Punica granatum</i> (Pomegranate)	(i) Fruits for consumption	Any country	-	Phytosanitary certificate
			(ii) Plants (graft) for propagation		Free from: (a) <i>Paracoccus marginatus</i> (papaya mealybug) (a) <i>Pseudococcus comstocki</i> (Comstock mealy bug) (c) <i>Armillaria tabescens</i> (armillaria root rot) (d) <i>Rhizobium rhizogenes</i>	
					Free from <i>Apomyelois ceratoniae</i> (carob moth)	
31		(<i>Papaya</i>) <i>Carica papaya</i>	Seeds for sowing	(i) Taiwan (ii) Thailand	Nil	(i) Free from quarantine weed seeds. (ii) Imports permitted subject to prior

						approval of Director Plant Quarantine Wing
31	Do	Rambutan (<i>Nephelium lappaceum</i>)	Fruits for consumption	Any country	Free from: (a) <i>Bactrocera papayae</i> (papaya fruit fly) (b) <i>Cataenococcus hispidus</i> (citrus mealy bug) (c) <i>Conopomorpha cremerella</i> (cocoa moth) (d) <i>Darna diducta</i> (nettle caterpillar) (e) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug) (f) Mealy bug (<i>Exallomochlus philippinensis</i>)	(i) Pest-free area status for <i>Bactrocera papayae</i> (papaya fruit fly), Mealy bug (<i>Exallomochlus philippinensis</i>) as per international standards or (ii) Fumigation with appropriate fumigants at recommended dose or equivalent thereof or (iii) Pre-shipment cold treatment at 0°C or below for 13 days; 0.55°C or below for 14 days; 1.1°C or below for 18 days plus in-transit refrigeration against papaya fruit fly.
32		(d) Straw berry (<i>Fragaria</i> spp.)	(i) Stem (runner) cuttings (rooted/un-rooted) for planting.	Any Country	Free from: (a) Phomopsis blight (<i>Phomopsis obscurans</i>) (b) Red stele (<i>Phytophthora fragariae</i>) (c) Crown rot (<i>Phytophthora cactorum</i>) (d) Angular leaf spot (<i>Xanthomonas fragariae</i>) (e) American dagger nematode (<i>Xiphinema americanum</i>) (f) Leaf blotch (<i>Gnomonia fragariae</i>) (g) Straw berry weevils (<i>Anthonomus signatus</i> and <i>A. bisignifer</i>) (h) Straw berry viruses viz., vein banding, crinkle leaf (rhabdovirus), mild yellow edge, latent ring spot (nepovirus), latent C. (i) Aster yellows, straw berry green petal, phyllody and yellows (phytoplasmas).	(i) Commercial imports subject to prior approval of Department of Agriculture and Cooperation. (ii) Post-entry quarantine for a period of 9-12 months. (iii) Free from soil (iv) Dormant cuttings shall be appropriately fumigated or treated at the country of origin and the treatment shall be endorsed on phytosanitary certificate.

			(ii) Seeds for sowing	Any Country	Free from seed-borne viruses such as arabis mosaic, raspberry ring spot and strawberry 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)
32	Vegetables/ Oil Seeds	<i>Asparagus</i> (<i>Asparagus officinalis</i>)	Vegetables for consumption	Any country	-	Phytosanitary certificate
33	Do	Beet Root (<i>Beta vulgaris</i>)	Seeds for sowing	Any Country	Free from: (a) Downy mildew (<i>Peronospora farinosa</i>) (b) Silvering disease (<i>Curtobacterium flaccumfaciens</i> pv. <i>betae</i>) (c) Bacterial blight (<i>Pseudomonas syringae</i> pv. <i>aptata</i>) (d) Beetroot cyst nematode (<i>Heterodera schachtii</i>) (e) Beetroot rust (<i>Uromyces</i> spp.) (f) Beetroot yellows necrotic virus (rhizomania).	Free from soil.
34	Do	<i>Brassica rapa</i> sub sp. <i>rapa</i> (Turnip)	Seeds for sowing	Any country	Free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode)	Free from quarantine weed seeds.
				(vi) France	Free from: (a) <i>Ditylenchus dipsaci</i> (stem and bulb nematode) (b) <i>Leptosphaeria maculans</i> (black leg) (c) <i>Xanthomonas campestris</i> pv.	Free from quarantine weed seeds.

					<i>campestris</i> (black rot)	
35	Do	<i>Brassica</i> spp (Mustard, Rape/canola, Cabbage, Cauliflower, Kohlrabi, Brussels sprouts, Broccoli, Knol Khol, Chinese Cabbage and other Cole crops)	Seeds for sowing	(i) Any country except Denmark, Chile and Italy	Free from: (a) <i>Leptosphaeria maculans</i> (black leg) (b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato) (c) <i>Pseudomonas syringae</i> pv. <i>maculicola</i> (bacterial leaf spot) (d) <i>Xanthomonas campestris</i> pv. <i>campestris</i> (black rot)	(i) Free from quarantine weed seeds. (ii) Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture and cooperation in the Ministry of Agriculture.
		<i>Luffa</i> <i>acutangula</i> (Ridge gourd)	Seeds for sowing	(i) Taiwan	Nil	Free from quarantine weed seeds.
				(ii) Thailand		
				(iii) Vietnam		
				(iv) China		
				(v) Philippines		
		<i>Luffa</i> <i>aegyptiaca</i> (Sponge gourd)	Seeds for sowing	(i) Thailand	Nil	Free from quarantine weed seeds.
				(ii) Vietnam		
				(iii) Philippines		
				(iv) Hongkong		
				(v) China	Free from Zucchini yellow mosaic virus	(i) Free from quarantine weed seeds
		<i>Raphanus</i> <i>sativus</i> (Radish)	Seeds for sowing	Any Country	Free from : (a) <i>Pseudomonas viridiflava</i> (b) Turnip yellow mosaic virus	(i) Free from quarantine weed seeds (ii) Seed crop inspection and certification for free from (b) by a competent authority at the country of

						origin.
					Nil	
					Free from: (a) <i>Leptosphaeria maculans</i> (black leg) (b) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato) (c) <i>Xanthomonas campestris</i> pv. <i>campestris</i> (black rot)	
			(ii) Seeds for consumption	Any Country	Nil	(i) (a) Weed free crop/ area certification or (b) Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or (c) Devitalization of seed by heat treatment at 120°C for 15 minutes or any other equivalent treatment
36	Do	<i>Cucumis sativus</i> (Cucumber and related species)	Seeds for sowing	Any country	Free from: (a) <i>Pseudomonas putida</i> (b) <i>Fusarium oxysporum</i> f. sp. <i>cucumerinum</i> (fusarial wilt) (c) Arabis mosaic virus (hop bare-bine) (d) Tomato ringspot virus	(i) Free from quarantine weeds seeds. (ii) Crop inspection and certification for Free from arabis mosaic virus and tomato ringspot virus.
					Free from: (a) Fusarial wilts (<i>Fusarium oxysporum</i> f.sp. <i>cucumerinum</i>) (b) Black spot (<i>Phomopsis sclerotoides</i>)	(i) Free from quarantine weeds seeds. (ii) Crop inspection and certification for Free from cucumber seed-borne virus and squash mosaic virus.

					(c) Septoria leaf spot (<i>Septoria cucurbitarum</i>) (d) Cucumber seed-borne virus viz. leaf spot (e) <i>Verticillium alboatrum</i> (f) Squash mosaic virus	
37	Do	<i>Cucurbita maxima</i> (Banana Squash)	Seeds for sowing	Any country	Free from Zucchini yellow mosaic virus	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for Free from Zucchini yellow mosaic virus.
					Free from <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato)	Free from quarantine weed seeds.
					Free from: (a) Lettuce infectious yellow virus (b) Zucchini yellow mosaic virus	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for Free from lettuce infectious yellow virus and zucchini yellow mosaic virus.
					Free from: (a) <i>Pseudomonas viridiflava</i> (bacterial leaf blight of tomato) (b) Zucchini yellow mosaic virus	(i) Free from quarantine weeds seeds. (ii) Crop inspection and certification for Free from zucchini yellow mosaic virus.
38	Do	<i>Cucurbita moschata</i> (Pumpkin)	Seeds for sowing	Any country	Free from Zucchini yellow mosaic virus	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for Free from Zucchini yellow mosaic virus.
					Nil	Free from quarantine weed seeds.
39	Do	<i>Cymbopogon citrates</i> (Lemongrass)	Vegetable for consumption	Thailand	Nil	Nil

40		<i>Daucus carota</i> (Carrot)	Seeds for sowing	Any Country	Free from: (a) Bacterial blight (<i>Xanthomonas hortorum</i> pv. <i>carotae</i>) (b) Carrot viruses (mottle dwarf, red leaf and yellow leaf)	(a) Free from quarantine weed seeds. (b) crop inspection and certification for Free from carrot viruses.
41	Do	<i>Dolichos lablab</i> (Lablab/Bean)	Grain (seed) for consumption	Any country	Nil	(i) Fumigation with appropriate fumigants at recommended dose (ii) Free from quarantine weed seeds.
42	Do	Lettuce (<i>Lactuca sativa</i>)	Seeds for sowing	Any country	Free from : (a) <i>Pyrenochaeta lycopersici</i> (brown rot of tomato) (b) <i>Sclerotinia minor</i> (Sclerotinia disease of lettuce) (c) <i>Xanthomonas axonopodis</i> pv. <i>vitians</i> (leaf spot) (d) Arabis mosaic virus (e) Impatiens necrotic spot virus (f) Lettuce big vein virus (g) Tobacco rattle virus (h) Tomato infectious chlorosis virus (i) <i>Lolium multiflorum</i>	(i) Free from soil contamination (ii) Seed crop inspection and certification for Free from (c) to (h) by a competent authority at the country of origin
43	Do	Bottle gourd (<i>Lagenaria siceraria</i>)	Seeds for sowing	Any country	Nil	Free from quarantine weed seeds.
					Free from <i>Fusarium oxysporum</i> f.sp. <i>lagenariae</i> (bottle gourd wilt)	Free from quarantine weed seeds.
44		<i>Benincasa hispida</i> (Wax Gourd)	Seeds for sowing	Any country	Nil	Free from quarantine weed seeds.

44	Do	Tomato (<i>Lycopersicon esculentum</i>)	Seeds for sowing	Any country	Free from: (a) Bacterial canker (<i>Clavibacter michiganensis</i> sub sp. <i>michiganensis</i>) (b) Bacterial leaf spot (<i>Pseudomonas syringae</i> pv. <i>tomato</i>) (c) Bacterial pustule (<i>Pseudomonas syringae</i> pv. <i>punctulens</i>) (d) Potato spindle tuber (viroid) (e) <i>Peronospora hyoscyami</i> pv. <i>tabacina</i> (f) <i>Phoma andigena</i> (g) <i>Verticillium alboatrum</i> (h) <i>Clavibacter michiganensis</i> subsp. <i>sepodonicus</i> (i) Pepino mosaic virus (j) Tomato aspermy virus (k) Tomato black ring virus (l) Tomato bushy stunt virus (m) Tomato ring spot virus	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for free from (i) to (m).
45	Do	<i>Momordica charantia</i> (Bittergourd)	Seeds for sowing	(i) China (ii) Hong Kong	Free from: (a) <i>Pythium spinosum</i> (root rot) (b) Zucchini yellow mosaic virus	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for free from zucchini yellow mosaic virus
				(iii) Japan	Free from zucchini yellow mosaic virus	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for Free from zucchini yellow mosaic virus
				(iv) Phillipines (v) Vietnam (vi) Thailand	Nil	Free from quarantine weed seeds.

		<i>Vigna</i> (<i>Phaseolus</i>) spp. (Beans).	(i) Seeds for sowing	Any Country	Free from: (a) Scab (<i>Elsinoe phaseoli</i>) (b) Downy mildew of lima bean (<i>Phytophthora phaseoli</i>) (c) Pod and stem blight (<i>Phomopsis longicolla</i>) (d) Bacterial wilt (<i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i>) (e) Bean bruchid (<i>Acanthoscelides obtectus</i>)	Free from quarantine weed seeds.
			ii) Seeds for consumption or processing	Any Country	Free from Bean bruchid (<i>Acanthoscelides obtectus</i>)	i) Free from quarantine weed seeds (ii) Fumigation with appropriate fumigants at recommended dose and the treatment shall be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Quarantine Wing.
		Vigna Spp. (Cow pea)	(i) Seeds for sowing (ii) Seeds for consumption	Any Country	Free from (a) Bruchids (<i>Bruchidium</i> spp., <i>Stator</i> spp.) (b) Cowpea seed-borne viruses (bromo virus, poty virus, comovirus, carmovirus)	Import except the trial material of the same crop species or variety as specified in Schedule XII of this Order subject to prior approval of Department of Agriculture and Cooperation in the Ministry of Agriculture
			ii) Seed for consumption		Free from bruchids (<i>Bruchidium</i> spp., <i>Stator</i> spp.)	Fumigation with Methyl bromide @ 32 g/cu. m for 24 hrs at 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant

						Protection Adviser.
			(iii) Vegetable (beans) for Consumption		Free from: (a) <i>Anomala cupripes</i> (large green chafer beetle) (b) <i>Anomala pallida</i>	Nil
**		<i>Pisum</i> spp. (Pea)	(i) Seeds for sowing	Any Country	Free from: (a) Pod and stem blight (<i>Phomopsis logicolla</i>) (b) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>) (c) Pea cyst nematode (<i>Heterodera goettingiana</i>) (d) Bruchids (<i>Bruchidius</i> spp. <i>Specularis impressithorax</i>) (e) Pea viruses viz. early-browning, enation mosaic and green mottle.	(j) Free from soil. (ii) Free from quarantine weed seeds (iii) Seed shall be appropriately treated with suitable fungicide and treatment shall be endorsed on the phytosanitary certificate.
			(ii) Seeds for consumption or processing	Any Country	Free from: (a) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>) (b) Pea cyst nematode (<i>Heterodera goettingiana</i>) (c) Bruchids (<i>Bruchidius</i> spp. <i>Specularis impressithorax</i>)	Fumigation with Methyl bromide @ 32 g/cu. m at @ 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose.
**		<i>Raphanus sativus</i> (Radish)	Seeds for sowing	(i) Australia	Free from : (a) <i>Pseudomonas viridiflava</i> (b) Turnip yellow mosaic virus	(i) Free from quarantine weed seeds (ii) Seed crop inspection and certification for free from (b) by a competent authority at the country of origin.
					Free from : (a) <i>Pleosporium herbarum</i> (leaf blight of onion) (b) <i>Pseudomonas</i>	(i) Free from quarantine weed seeds (ii) Seed crop inspection and certification for Free from (c) by a

					<i>viridiflava</i> (bacterial leaf blight of tomato) (c) Radish mosaic virus	competent authority at the country of origin
**		<i>Solanum melongena</i> (Brinjal)	Seed for sowing	Any country	Free from <i>Pythium spinosum</i> (root rot)	(i) Free from soil contamination. (ii) Free from quarantine weed seeds.
					Free from: (a) Pepino mosaic virus (b) Tomato bushy stunt virus (Lycopersicon virus 4) (c) Tomato black ring nephovirus	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for Free from (a), (b) and (c) Free from quarantine weed seeds.
				Thailand	Free from: (a) <i>Bactrocera papayae</i> (papaya fruit fly) (b) <i>Pseudococcus jackbeardsleyi</i> (Jack Beardsley mealybug) (c) <i>Tetranychus marianae</i> (d) <i>Tetranychus truncatus</i>	Pest-free area status for papaya fruit fly (<i>Bactrocera papayae</i>) as per international standards.
		<i>Lactuca sativa</i> (Lettuce)	Seeds for sowing	(i) Denmark	Free from : (a) <i>Pythium tracheiphilum</i> (bottom rot of lettuce) (b) Arabis mosaic virus (c) Tobacco rattle virus (d) <i>Lolium multiflorum</i>	(i) Free from soil contamination (ii) Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin
		<i>Ocimum basilicum</i> (Basil)	(i) Seeds for sowing	Any country	Nil	Free from quarantine weed seeds.
					Free from <i>Pseudomonas viridiflava</i> (Bacterial leaf blight)	Free from quarantine weed seeds.

		<i>Capsicum</i> spp. (Pepper/ Chillies)	Seeds for sowing	Any Country	Free from (a) Bacterial scab (<i>Xanthomonas vesicatoria</i>) (b) Pepper viruses viz. mild mosaic and mild mottle (c) <i>Peronospora hyoscyami</i> sp. <i>tabacina</i> (d) Tomato ringspot virus (e) Tomato black ring virus	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for free from Pepper viruses viz. mild mosaic and mild mottle, Tomato ringspot virus and Tomato black ring virus
		<i>Coriandrum sativum</i> (Coriander)	(i) Seeds for sowing	Any Country	Free from : (a) <i>Pseudomonas viridiflava</i> (b) <i>Xanthomonas hortorum</i> pv. <i>carotae</i> (bacterial blight of carrot) (c) Celery mosaic virus	(i) Free from quarantine weed seeds. (ii) Seed crop inspection and certification for Free from (b) and (c) by a competent authority at the country of origin.
		<i>Glycine</i> spp. (Soybean)	(ii) Seeds for consumption/ processing	Any Country	Free from Bruchids (<i>Bruchidius</i> spp.)	(i) (a) Weed free crop/ area certification or (b) Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or (c) Devitalization of seed by heat treatment at 120°C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India .

		<i>Helianthus</i> spp. (Sunflower)	(i) Seeds for sowing	Any Country	Free from: (a) Downy mildew (<i>Plasmopara halstedii</i>) (b) Bruchid (<i>Bruchidius</i> spp.) (c) Larger Dermestid beetle (<i>Trogoderma versicolor</i>)	(i) Import subject to prior approval of Director, Plant Quarantine Wing of the Ministry of Agriculture. (ii) Seed treatment with metalaxyl @ 2% at the country of origin prior to shipment and the treatment shall be endorsed on phytosanitary certificate.
			(ii) Seeds for consumption or processing	Any Country	Nil	(i) (a) Weed free crop/ area certification or (b) Zero dockage certification in respect of quarantine weed seeds in the Phytosanitary Certificate or (c) Devitalization of seed by heat treatment at 120°C for 15 minutes or any other equivalent treatment approved by the Plant Protection Adviser to the Government of India (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.
		<i>Citrullus lanatus</i> (Watermelon)	(i) Seeds for sowing	(i) Thailand	Nil	Free from quarantine weed seeds.
				(ii) Any country except Thailand	Free from: (a) Bacterial fruit blotch (<i>Acidovorax avenae</i> subsp. <i>citrulli</i>) (b) Angular leaf spot (<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>)	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for free from watermelon viruses viz. chlorotic stunt, curly mottle, mosaic virus 2, Verticillium albo-atrum, Squash mosaic virus

					(c) Soft rot (<i>Xanthomonas melonis</i>) (d) Watermelon viruses viz. chlorotic stunt, curly mottle, mosaic virus 2. (e) <i>Verticillium albo-atrum</i> (f) Squash mosaic virus	
		<i>Cucumis melo</i> (Muskmelon)	Seeds for sowing	Any country	Free from : (a) <i>Pseudomonas viridiflava</i> (b) Zucchini yellow mosaic virus	(i) Free from quarantine weed seeds. (ii) Seed crop inspection and certification for Free from (b) by a competent authority at the country of origin
		<i>Lens culinaris</i> (Lentils)	Grain (seed) for consumption	Any Country	Free from <i>Ditylenchus dipsaci</i> (stem and bulb nematode), <i>Bruchus lentis</i> , <i>Ditylenchus dipsaci</i> (stem and bulb nematode)	(i) Free from soil contamination (ii) Fumigation with appropriate fumigants at recommended dose and the treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export.
*		<i>Cajanus cajan</i> (Pigeon pea)	Grain (seed) for consumption	Any country	Free from <i>Richardia brasiliensis</i>	(i) Free from soil contamination. (ii) Fumigation with appropriate fumigants at recommended dose and the treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export.
		<i>Cicer arietinum</i> (Chick Pea)	(i) Seeds for sowing	Any Country	Free from Pod and stem blight (<i>Phomopsis longicolla</i>)	Import except the trial material of the same crop species or variety subject to prior approval of Director Plant quarantine Wing of the Ministry of Agriculture.
			(ii) Seeds for	Any Country	Nil	Fumigation with appropriate treatment

			consumption			and the treatment to be endorsed on phytosanitary certificate.
		<i>Pisum</i> spp. (Pea)	(i) Seeds for sowing	Any Country	Free from: (a) Pod and stem blight (<i>Phomopsis logicolla</i>) (b) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>) (c) Pea cyst nematode (<i>Heterodera goettingiana</i>) (d) Bruchids (<i>Bruchidius</i> spp. <i>Specularis impressithorax</i>) (e) Pea viruses viz. early-browning, enation mosaic and green mottle.	(j) Free from soil. (ii) Free from quarantine weed seeds (iii) Seed shall be appropriately treated with suitable fungicide and treatment shall be endorsed on the phytosanitary certificate.
			(ii) Seeds for consumption or processing	Any Country	Free from: (a) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>) (b) Pea cyst nematode (<i>Heterodera goettingiana</i>) (c) Bruchids (<i>Bruchidius</i> spp. <i>Specularis impressithorax</i>)	Fumigation with Methyl bromide @ 32 g/cu. m at @ 21°C and above under NAP and the treatment to be endorsed on phytosanitary certificate or by any other fumigant/substance in the manner approved by the Plant Protection Adviser for this purpose.
		<i>Cuminum cyminum</i> (Cumin)	Seeds for sowing	Iran	Nil	Nil
		Potato (<i>Solanum tuberosum</i>)	For Sowing and Consumption	Any country	Free from a) (<i>Synchytrium endobioticum</i>), Black wart b) <i>Globodera rostochiensis</i> ,	Potatoes shall not be imported into Bangladesh by any means from any country, where the following serious pests, namely, Black wart <i>Synchytrium endobioticum</i> , Golden Nematode <i>Globodera rostochiensis</i> , Pale cyst

					<p>Golden cyst nematode c) <i>Globodera pallida</i> Pale cyst nematode d) <i>Leptinotarsa decemlineata</i> Colorado potato beetle e) Potato Virus –X (PVX)</p>	<p>nematode <i>Globodera pallida</i> Colorado potato beetle <i>Leptinotarsa decemlineata</i> , have either been prevalent or reported to have occurred unless they are accompanied by Phytosanitary certificate from the country of origin declaring that the crop from which the consignment is derived was not grown in the vicinity of unhealthy potato crops and was inspected by a duly authorised official of phytopathological service of the country of origin and found free from all injurious insects pests and diseases and that["no case of occurrence of the insect" and diseases mentioned above was recorded within production site during the past twelve months of potato crop grown (2) In order to guard against the importation of the pests and diseases the following precautions, namely:- (a) as far as possible , import of seed potatoes resistant to wart disease shall be permitted; (b) the importation of seed potatoes shall be permitted from those countries where the aforesaid pests and diseases are not present; (d) seed consignments should be free from shoots, leaves, roots and soil sticking to tubers and rotten tubers;</p>
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						(e) import of potato seeds should be restricted only to certified seed and (f) import of shoots, roots, leaves and green parts of potato shall not be imported ;
	<i>Ficus</i> spp.	<i>Dracaena</i> spp. (Bamboo Lucky)	Plants for propagation	Asia	Nil	Post-entry quarantine for a period of 45 days.
		<i>Duranta</i> spp. (Duranta)	Plants/ cuttings for propagation	(i) Asia (ii) USA	Nil	Post-entry quarantine for a period of 45 days.
			(i) Tissue cultured plants	Any country	(i) Japan Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from (a) <i>Ficus conica</i> virus (b) Fig virus s	Phytosanitary certificate
	Flower bulbs	(a) <i>Dahlia</i> spp.	(i) Tubers for	Any Country	Free from viruss affecting dahlia except dahlia	(i) Post-entry quarantine for one
			planting or		mosaic virus	growth season.
			propagation			(ii) Free from soil
			(ii) Seeds for		Nil	Free from quarantine weed seeds.
			sowing			
		<i>Chrysanthemu</i>	(i) Seeds for	Any country	Free from <i>Pseudomonas</i>	Free from quarantine weed seeds.

		<i>m</i> spp. (Chrysanthemu m)	sowing		<i>viridiflava</i> (bacterial leaf blight of tomato)	
		(b) <i>Gladiolus</i> spp.	Corms/Corm lets		Free from:	(i) Post-entry quarantine for one growth
			for planting or		(a) Smut (<i>Urocystis gladiolicola</i>)	season.
			propagation		(b) Rusts (<i>Uromyces gladioli</i> and <i>U.</i>	(ii) Free from soil
					<i>transversalis</i>)	
					(c) Corm rot (<i>F. oxysporum</i> f.sp. <i>gladioli</i>)	
					(d) Hard rot (<i>Septoria gladioli</i>)	
					(e) Scab and neck rot (<i>Burkholderia</i>	
		<i>Rosa</i> spp. (Rose)	Rooted cuttings/ Grafts/ Bud wood/Saplings for planting	Any Country	Free from: (a) Crown gall (<i>Agrobacterium tumefaciens</i>) (b) Hairy root (<i>A. rhizogenes</i>) (c) Brand canker (<i>Coniothyrium wernsdorffiae</i>) (d) Brown canker (<i>Cryptosporella umbrina</i>) (e) Downy mildew (<i>Peronospora sparsa</i>) (f) Rust (<i>Phragmidium</i> spp.) (g) Rose streak virus (h) Rose wilt virus	(i) Post-entry quarantine for a period of 18 months except budding fpr 90 days (ii) Free from soil for rooted cuttings.
		<i>Rosa</i> spp. (Rose)	Rooted cuttings/ Grafts/ Bud wood/Saplings for planting	Any Country	Free from: (a) Crown gall (<i>Agrobacterium tumefaciens</i>) (b) Hairy root (<i>A. rhizogenes</i>) (c) Brand canker (<i>Coniothyrium</i>	(i) Post-entry quarantine for a period of 18 months except budding fpr 90 days (ii) Free from soil for rooted cuttings.

					<i>wernsdorffiae</i> (d) Brown canker (<i>Cryptosporella umbrina</i>) (e) Downy mildew (<i>Peronospora sparsa</i>) (f) Rust (<i>Phragmidium</i> spp.) (g) Rose streak virus (h) Rose wilt virus	
		(c) <i>Heliconia</i> spp.	Rhizomes for	Any Country	Free from Moko wilt (<i>Burkholderia</i>	Post entry quarantine period for one
		(d) <i>Hyacinthus</i> spp.	Bulbs for propagation	Any Country	Free from: (a) Bacterial blight or yellow slime (<i>Xanthomonas hyacinthi</i>) (b) Hyacinth mosaic virus (Poty virus) (c) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)	(i) Post-entry quarantine for one growth season (ii) Free from soil (iii) Hot-water treatment of bulbs at 45°C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the phytosanitary certificate. or Treatment with Phosphine at recommended or equivalent any other treatment.
		(e) <i>Iris</i> spp. (bulbous and rhizomatous varieties)	Bulbs/rhizomes for planting or propagation	Any Country	Free from: (a) Fusarial rot (<i>Fusarium oxysporum</i> f.sp. <i>gladioli</i>) (b) Stem and bulb nematode (<i>Ditylenchus dipsaci</i>) (c) Sclerotinia rot (<i>Sclerotinia bulborum</i>) (d) Iris virus (Potyvirus)	(i) Post-entry quarantine for one growth season (ii) Free from soil (iii) Hot-water treatment of bulbs at 45°C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the phytosanitary certificate. or Treatment with Phosphine at recommended or equivalent any other

						treatment.
		(f) <i>Lillium</i> spp. (Lilly)	(i) Bulbs for planting	Any Country	Free from: (a) Fusarium wilt (<i>Fusarium oxysporum</i> f.sp. <i>lilii</i>) (b) Anthracnose (<i>Colletotrichum lilii</i>) (c) Bacterial leaf spot (<i>Burkholderia gladioli</i> pv. <i>gladioli</i>) (d) Lilly viruses (lilly rosette, lilly symptom less, tulip breaking and lilly curl stripe)	(i) Post-entry quarantine for one growth season. (ii) Free from soil
		(h) <i>Tulipa</i> spp.	Bulbs for planting or propagation	Any Country	Free from: (a) Bulb and stem nematode (<i>Ditylenchus dipsaci</i>) (b) Yellow pustule and hellfire (<i>Curtobacterium flaccumfaciens</i> pv. <i>oortii</i>) (c) Tulipa viruses viz. band breaking, chlorotic blotch, virus x and other seed borne viruses.	(i) Post-entry quarantine for one growth season (ii) Free from soil (iii) Hot-water treatment of bulbs at 45°C for 4 hrs followed by suitable fungicidal treatment and the treatment shall be endorsed on the phytosanitary certificate. or Treatment with Phosphine at recommended or equivalent any other treatment.
		(i) <i>Zingiber mioga</i> (Ornamental Zinger)	Rhizomes for propagation	Any Country	Free from Leaf blight ((<i>Xanthomonas</i> <i>campestris</i> pv. <i>zingibericola</i>)	(i) Post-entry quarantine for one growth season. (ii) Free from soil.
**		<i>Gardenia</i> spp. (Gardenia)	Tissue cultured plants	Holland	Certified that the tissue cultured plants obtained	Nil

					from mother stock tested and maintained free from virus	
**	Flower	Seeds	Seeds for sowing	Any country	-	Free from i) soil ii) Quarantine weed seeds
**		Orchids : (<i>Aranda</i> , <i>Cattleya</i> , <i>Cymbidium</i> , <i>Dendrobium</i> , <i>Lawlio-cattleya</i> , <i>Mokara</i> , <i>Odontoglossum</i> , <i>Phalaenopsis</i> , <i>Vanda</i> , <i>Vanila</i> etc.)	(i) Saplings	Any Country	Free from: (a) Bacterial leaf spots (<i>Burkholderia gladioli</i> pv. <i>gladioli</i> and <i>Erwinia chrysanthemi</i>) (b) Blossom blight (<i>Phyllostica capitalensis</i>) (c) Orchid viruses such as <i>cymbidium</i> mosaic, <i>vanilla</i> necrosis, <i>Odontoglossum</i> ring spot and orchid fleck etc.	Post-entry quarantine for a period of 45- 60 days.
			(ii) Tissue- cultured plants	Any Country	Certified that the tissue-cultured plants are obtained from mother stock tested and maintained virus-free.	NIL.
		(i) <i>Cattleya</i> spp.	Tissue cultured plants	(i) Korea (ii) Japan (iii) USA (iv) Hungary (v) Canada (vi) Italy (vii) Ukraine (viii) Columbia	Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from : (a) <i>Cymbidium</i> mosaic virus (b) <i>Odontoglossum</i> ring spot virus	Nil
				(ix) Germany	Certified that the tissue cultured	NIL

					plants were obtained from mother stock tested and maintained free from rhabdovirus	
				(x) Indonesia (xi) South Africa	Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from cattleya colour break virus	NIL
				(xii) Taiwan	Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from : (a) Cymbidium mosaic virus (b) 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 : (a) Tobacco mosaic virus (b) Cymbidium mosaic virus (c) Odontoglossum ring spot virus	NIL
				(xiv) Any country	Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from virus	NIL
**		(ii) <i>Dendrobium</i> spp.	Tissue cultured plants	(i) USA	Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from : (a) Odontoglossum ring spot tobamo virus (b) Tomato spotted wilt tospovirus	Nil

					(c) Poty viruses (d) Tobacco mosaic virus (e) Dendrobium virus	
				(ii) Italy	Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from: (a) Potyviruses (b) Tobacco mosaic virus (c) Dendrobium mosaic virus (d) Bean yellow mosaic virus (e) Tomato ring spot virus (f) Orchid fleck virus (g) Phalenopsis virus (h) Dendrobium virus (i) Grammatophyllum (bacilliform) virus	NIL
**		Ornamental Palm species: <i>(Arikuryoba, Borasus, Caryota, Carypha, Chamaeodorea, Chrysalidocarpus, Dictyosperma, Washingtonia, Roystonea, Hyophorbe, Pritchardia,</i>	Seeds/Seed sprouts	Any Country	(i) Free from: (a) Bacterial blight (Acidovorax avenae sub sp. avenae)- For Carypha spp only (b) Mosaic (Poty virus)- For Washingtonia spp only (c) Red ring nematode (Rhadinaphelenchus cocophilus) (ii) Certified that the seeds/seed sprouts collected from mother palms free from Cadang cadang (viroids)	Post-entry quarantine for a period of 10-12 months

		<i>Sabal, Syagrus, Trachycarpus, Vietchia, Mascarena)</i>				
**		<i>Petunia spp.</i>	(i) Tissue cultured plants	(i) Hungary	Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from : (a) Tobacco mosaic virus (b) Tomato mosaic virus (c) Potato virus Y (d) Potato X virus	Nil
				(iii) Netherlands	Certified that the tissue cultured plants were obtained from mother stock tested and maintained free from : (a) Tobacco mosaic virus (b) Tomato mosaic virus (c) Tomato black ring nepoviruses (d) Potato virus Y (e) Petunia vein clearing virus (f) Broad bean wilt fabavirus	NIL
		<i>Gerbera jamesonii</i> (Gerbera)	(i) Seeds for sowing	Any Country	Nil	Free from quarantine weed seeds.
			(ii) Plants for propagation	(i) Netherlands	Free from: (a) <i>Frankliniella occidentalis</i> (Western flower thrips) (b) <i>Otiorhynchus sulcatus</i> (Vine weevil) (c) <i>Thrips angusticeps</i> (Field thrips) (d) <i>Phytonemus pallidus</i> (Strawberry	Post-entry quarantine growing for a period of 45 days.

					mite) (e) <i>Phytophthora cryptogea</i> (Tomato root rot)	
		<i>Ixora</i> spp. (Ixora)	Plants/ cuttings for propagation	Asia	Nil	Post entry quarantine for a period of 45 days.
**		<i>Phyllostachys</i> spp. (Bamboo)	(i) Seeds for sowing	Any country	Nil	Free from quarantine weed seeds.
			(ii) Stem cutting/Sapling for propagation		Free from: (a) Top blight (<i>Ceratosphaeria phyllostachydis</i>) (b) Clum base rot (<i>Arthrinium</i> spp.) (c) Witches broom (<i>Phytoplasma</i>) (d) Bamboo mosaic virus	Post entry quarantine growing for a period of 45 days.
		Gossypium spp. (Cotton)	Raw cotton bales for industrial use.	Any Country	Free from Cotton boll weevils (<i>Anthonomus grandis</i> , <i>A. peninsularis</i> and <i>A. vestitus</i>)	Fumigation with appropriate fumigants at recommended dose
						(ii) Free from quarantine weed seeds.
	Timber logs					
		(i) <i>Castanea</i> spp (Chest nut)	Logs with/without bark	Any Country	Free from Chest nut blight (<i>Cryphonectria parasitica</i>)-American strain	The timber shall be fumigated with Methyl bromide shall be @ 48 g/cubic metre for 24 hrs at 21°C and above or equivalent thereof under NAP or kiln drying as the case may be at the country

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

					(e) Sirex wasp (<i>Sirex</i> spp)	treatment shall be endorsed on phytosanitary certificate
		<i>Nicotiana</i> spp.	(i) Seeds for sowing	(i) UK	Free from: (a) <i>Ditylenchus dipsaci</i> (brown ring disease of hyacinth) (b) Pepino mosaic virus	(i) Free from quarantine weed seeds. (ii) Crop inspection and certification for Free from Pepino mosaic virus.
				(ii) Europe	Nil	Free from quarantine weed seeds
				(iii) USA	Free from <i>Pseudomonas syringae</i> pv. <i>mellea</i> (brown spot of tobacco)	Free from quarantine weed seeds
		<i>Salix</i> spp. (Willows)	Wooden logs with bark/clefts	Europe	Free from: (a) <i>Saperda carcharias</i> (greater poplar longhorn) (b) <i>Saperda populnea</i> (poplar borer) (c) <i>Zeuzera pyrina</i> (wood leopard moth)	(i) Fumigation with appropriate fumigants or heat treatment at 56°C for 30 minutes or any other treatment approved by the Director, Plant Quarantine Wing of the Ministry of Agriculture. The treatment should be endorsed on Phytosanitary Certificate issued at the Country of Origin/re- export. (ii) Free from quarantine weeds seeds.