

MINISTRY FOR PRIMARY INDUSTRIES
IMPORTING COUNTRIES PHYTOSANITARY
REQUIREMENTS

PERU

Status: Approved

Date: 13 August 2010

**EXPORTERS ARE ADVISED TO CONFIRM THE
PHYTOSANITARY IMPORT REQUIREMENTS PRIOR TO
EXPORT FROM NEW ZEALAND**

Amendment Record

Amendment No.	Date:	Nature of amendment:	Approved by:
19	31 January 2024	<p>Updated conditions under section 3.4.1 Seeds, Grains and Nuts for Sowing.</p> <p>Removed treatment details for <i>Dactylis glomerata</i>, <i>Festuca</i> spp., <i>Lolium</i> spp., <i>Pisum sativum</i> and <i>Trifolium</i> spp. under section 4.4.1 Seeds, Grains and Nuts for Sowing.</p> <p>Updated additional declaration for <i>Pisum sativum</i> under section 4.4.1 Seeds, Grains and Nuts for sowing.</p>	AS
18	20 July 2023	<p>Updated section 2.2 Phytosanitary Import Permits (specifically 2.2.2) and section 2.3 Phytosanitary Certificates (specifically 2.3.1).</p> <p>Updated section 2.4 Quarantine Pests.</p> <p>Updated section 3.3.2 Bulbs/tubers/corms/rhizomes (for propagation).</p> <p>Updated section 3.3.4 Tissue Culture.</p> <p>Updated section 3.4.1 Seeds, Grains and Nuts for Sowing.</p> <p>Updated section 4.4.1 under <i>Actinidia</i></p>	GF

		<i>deliciosa</i> and added conditions for <i>Solanum lycopersicum</i> .	
17	11 March 2021	<p>Added requirements for <i>Actinidia deliciosa</i> (Kiwifruit) under section 4.4.1 Seeds, Grains and Nuts for Sowing.</p> <p>Updated section 2.4 Quarantine Pests.</p>	MLM
16	02 May 2017	<p>Updated MPI contact details and links to MPI website.</p> <p>Updated disclaimer, added table headings to tables and added fees and charges section 1.4.</p> <p>Removed Maximum Pest Limit (MPL), section 2.5. MPL is covered in the MPI Certification Standard and is not within the scope of the ICPR.</p> <p>Reformatted presentation of the amendment record to start with most recent amendment.</p>	HK
15	29 February 2016	Added conditions and additional declaration for the export of in vitro sweet potato (section 4.3)	AdF
14.	20 February 2014	<p>Removal of Quarantine pest, listed below, which are no longer actionable (Directorial Resolution No. 0042-2013-MINAGRI-SENASA-DSV).</p> <p><i>Brevipalpus californicus</i> <i>Eotetranychus lewisi</i> <i>Amphicerus cornutus</i> <i>Erwinia chrysanthemi</i> pv. <i>zeae</i> <i>Prunus necrotic ringspot virus</i> <i>Carnation etched ring virus</i> (CERV) <i>Lily symptomless virus</i> (LSV)</p> <p>Update of plant export contact details.</p> <p>Added a sentence to section 1.2 to clarify scope of ICPR and changed heading of section 2.5 to 'MPI specified Maximum Pest Limits (MPL)'</p>	SM
13.	18 June 2012	Section – 4.4.1 Addition of import requirements for <i>Cucurbita pepo</i> , <i>C. moschata</i> , <i>C. argyrosperma</i> , <i>C. ficifolia</i> , <i>C. foetidissima</i> , <i>C. cylindrical</i> , <i>C. maxima</i> and <i>C. maxima</i> x <i>C. moschata</i> .	CB

		Ministry of Agriculture and Forestry renamed as Ministry for Primary Industries throughout the entire document.	
12	20 January 2011	Amended import requirements for Wood Packaging Material. Section 3.5	VK
11.	3 November 2010	Addition of quarantine pests. SENASA 2010. Section 2.4	VK
10.	13 August 2010	Addition of quarantine pests. SENASA 2010. Section 2.4 Addition of postal quarantine stations. SENASA 2010. Section 2.6 Nurseries and laboratories: plant propagation material general conditions for import. SENASA 2010. Section 3.3	GI
9.	4 March 2010	Amended import requirements for Calla lily (<i>Zantedeschia</i> sp.) rhizomes and Turmeric (<i>Curcuma longa</i> , synonym <i>Curcuma domestica</i> and <i>Amomum curcuma</i>) rhizomes from New Zealand. WTO notifications 231 and 234	GI
8.	11 February 2010	Addition of maximum tolerance of generic non-quarantine weed seeds and two specific weed seed species. SENASA /MFAT correspondence 5.2.10. Advisory notice to exporters regarding Peru's policy on actioning pests not listed in this ICPR.	GI
7.	18 May 2009	Updated list of quarantine pests. Ref: SENASA correspondence 2009. Section 2.4.	GI
6.	29 March 2007	Amendment of MAF contact details Section 2.2.5	SW
5.	27 March 2007	Amendment of MAF contact details Section 1.1	SW
4.	9 August 2006	Amendment of contact details for Biosecurity New Zealand, refer Section 1.1. Amendment of quarantine pest list, refer Section 2.4	WJH

3.	1 February 2005	Amendment of MAF contact details Section 1.1 and 1.2. Minor reformatting of document.	WJH
2.	14 February 2003	Renaming and reformatting of standard. Amendment to Section 2.5 re MPLs.	WJH
1.	21 June 2002	Issue of EPS	WJH

DISCLAIMER

The phytosanitary requirements in this document may be used as the basis for export certification. However, exporters should be aware that importing countries may change their requirements at any time; at short notice or without giving notice to New Zealand.

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Compliance with this document is not to be taken as a guarantee that any particular goods will be granted access to any overseas market. We recommend that exporters work with their importers to obtain the most up-to-date information.

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1 General Information

1.1 For enquiries about this document email the Plant Exports team: plantexports@mpi.govt.nz

Please state the nature of your enquiry in the subject line e.g. Peru query or pest interception or password re-set.

For urgent enquiries please phone + 64 4 894 5693

1.2 Scope

The requirements listed in this ICPR apply to product of New Zealand only, unless specifically stated.

As there are no New Zealand legislative requirements for certification of exported plant products, the technical phytosanitary requirements are determined by the importing country for plant produce being imported into their country. In this respect, ICPRs are MPI's summary of the importing country's legal requirements and thus forms a basis upon which export phytosanitary certification is provided.

Where an importing country operates on the basis of issuing import permits to their importers, the import permit conditions take precedence over any technical conditions contained in the MPI ICPR for that country.

This standard specifies Peru's phytosanitary import requirements for plant products being exported from New Zealand. If a commodity or commodity group is not identified within this ICPR exporters should contact:

- Peru directly to ascertain requirements
or
- Ministry for Primary Industries (MPI) – Plant Exports

Users of this document are strongly advised to review all sections of the ICPR for the determination of a commodity's phytosanitary requirements.

1.3 Phytosanitary Legislation

The following legislation controls the importation of plants and plant materials into Peru: ref. Questionnaire

- Law 27322 "Law Mark of Agricultural Health"
- Supreme Decree No. 048-2001-AG "General Regulation of Law 27104"
- Supreme Decree No. 016-76-AL "Importation and Exportation Regulation for Plant Products and Sub-products" (under revision)
- Supreme Decree No. 018-2000-AG "Establishment of Phytosanitary Import Permit"
- Central Resolution No. 184-99-AG-SENASA "Establishment of Quarantine

- Control Positions at National Level"
- Resolution No.37 2009. Maximum levels of non-quarantine weed seed tolerances.
- Resolution No.6 2010

1.4 Fees and Charges

Please note that the determination and provision of phytosanitary requirements for a commodity not listed within the ICPR may be undertaken on a cost recovered basis. A link to the list of Plant Exports Fees and Charges is available on <http://mpi.govt.nz/exporting/food/fruit-and-vegetables/fees-and-charges/>

2 General Requirements

ref Questionnaire

2.1 Prohibitions

Peru has not provided a definitive list of plants and plant products prohibited entry. Peru have indicated that where either, product requirements are unknown, or where a product is being imported for the first time, a Pest Risk Analysis will be performed prior to permitting entry.

Please contact Ministry for Primary Industries New Zealand if further information is required. Refer Section 1.1

2.2 Phytosanitary Import Permits

2.2.1 Phytosanitary import permits state the phytosanitary requirements for importation

2.2.2 Phytosanitary import permits are required for the importation of the following commodities;

- Fresh fruit and vegetables
- Sun dried fruit and vegetables
- Fresh cut flowers and foliage
- Nursery stock except tissue culture
- Seeds and nuts for sowing
- Seeds and nuts for consumption
- Seeds and nuts for processing
- Micro-organisms
- Vegetable fibres

2.2.3 Phytosanitary import permits are not required for the importation of the following commodities;

- Artificially dried fruit and vegetables
- Frozen fruit and vegetables
- Dried cut flowers and foliage
- Processed cut flowers and foliage
- Tissue culture

- Scientific samples

2.2.4 Phytosanitary import permits and conditions of import may be requested from

Servicio National de Sanidad Agraria
Psj. Francisco Zela s/n, Piso 10
Edif Ministerio de Agricultura
Jesús María
Lima 11
PERU

Tel: (511) 433 2851 Ext 180
Fax: (511) 433 7802

Email: ccarboell@senasa.gob.pe
or
ddf@senasa.gob.pe

Website www.senasa.gob.pe
or
Jorge Barrenechea Cabrera
General Director of Plant Health
SENASA - Ministerio de Agricultura
Servicio Nacional de Sanidad Agraria - SENASA
Av. La Molina 1915
Lima 12
Peru
(+51) 1 3133309
(+51) 1 3401486 Ext. 2000
jbarrenechea@senasa.gob.pe; dgsv@senasa.gob.pe

2.2.5 Please note conditions of import or additional declarations identified upon phytosanitary import permits received from Peru may differ from those identified within this standard. Conditions of import identified herein are accurate at the time of this standards publication. Where import conditions identified upon an import permit differ from that identified within this standard, the permit conditions take precedence.

Where conditions of export identified upon an import permit differ from that stated within this ICPR, please contact Plant Exports, refer Section 1.1

2.3 Phytosanitary Certificates

2.3.1 The following commodity classes require a phytosanitary certificate

- Fresh fruit and vegetables
- Sun dried fruit and vegetables
- Fresh cut flowers and foliage
- Nursery stock for propagation
- Seeds and nuts for sowing
- Seeds and nuts for consumption
- Seeds and nuts for processing

- Vegetable fibres

2.3.2 Phytosanitary certificates are not required for the importation of the following commodity classes

- Artificially dried fruit and vegetables
- Frozen fruit and vegetables
- Dried cut flowers and foliage
- Processed cut flowers and foliage
- Tissue culture
- Micro-organisms
- Scientific samples

2.3 Quarantine Pests

Note: It is important to note that the lists of quarantine pests in this ICPR are not exhaustive. Peru may consider other pests to be quarantine pests and impose quarantine measures.

Mites

Acalitus essigi
Acalitus vaccinii
Aceria ficus
Aceria mangiferae
Aceria neocynarae
Aceria oleae
Aceria sheldoni
Aceria tosicella
Aculus fockeui
Aculus schlechtendali
Amphitetranychus viennensis
Apionychus corpuzae
Brevipalpus chilensis
Brevipalpus lewisi
Brevipalpus obovatus
Bryobia rubrioculus
Calacarus heveae
Calepitimerus vitis
Ditymacus athiasellus
Dolichotetranychus floridanus
Eotetranychus carpini
Eotetranychus pruni
Eotetranychus willamettei
Epitimerus pyri
Eriophyes erineus
Eriophyes pseudoinsidiosus
Eutetranychus orientalis
Oligonychus coffeae
Oligonychus gossypii
Oligonychus ilicis

Oligonychus perditus

Oligonychus perseae

Panonychus ulmi

Phyllocoptes gracilis

Phyllocoptruta seringueirae

Phytoptus avellanae

Raoellia indica

Steneotarsonemus furcatus

Steneotarsonemus laticeps

Tegolophus perseaeflorae

Tenuipalpus heveae

Tenuipalpus pacificus

Tetranychus evansi

Tetranychus kanzawai

Tetranychus mcdanieli

Tetranychus pacificus

Tetranychus truncatus

Tetranychus turkestani

Tetranychopsis horridus

Insects

Acrolepiopsis assectella
Acutaspis perseae
Adoxophyes orana
Aegorhinus nodipennis
Aegorhinus phaleratus
Aegorhinus superciliosus
Agrilus planipennis
Agriotes lineatus
Agrius convolvuli
Agrotis segetum

<i>Aleurocanthus spiniferus</i>	<i>Cacoecimorpha pronubana</i>
<i>Algedonia coclesalis</i>	<i>Cacopsylla bidens</i>
<i>Amauromyza</i> spp. (except <i>Amauromyza maculosa</i>)	<i>Cacopsylla pyri</i>
<i>Ametastegia</i> spp.	<i>Cacopsylla pyrisuga</i>
<i>Amphorophora agathonica</i>	<i>Cactoblastis cactorum</i>
<i>Amrasca biguttula biguttula</i>	<i>Cacyreus marshalli</i>
<i>Amyelois transitella</i>	<i>Cadra calidella</i>
<i>Anarsia lineatella</i>	<i>Cadra figulilella</i>
<i>Anastrepha ludens</i>	<i>Callosobruchus chinensis</i>
<i>Anastrepha pallidipennis</i>	<i>Capnodis tenebrionis</i>
<i>Anastrepha suspensa</i>	<i>Carpomya pardalina</i>
<i>Anastrepha velezi</i>	<i>Carposina sasakii</i>
<i>Andaspis punicae</i>	<i>Caryedon serratus</i>
<i>Anoplophora</i> spp.	<i>Catarata lepisma</i>
<i>Antestiopsis orbitalis</i>	<i>Caulophilus oryzae</i>
<i>Anthonomus bisignifer</i>	<i>Ceramida cobosi</i>
<i>Anthonomus eugenii</i>	<i>Ceratitis</i> spp. except <i>Ceratitis capitata</i>
<i>Anthonomus grandis</i>	<i>Ceratokalotermes</i> spp.
<i>Anthonomus pomorum</i>	<i>Ceroplastes ceriferus</i>
<i>Anthonomus quadrigibbus</i>	<i>Ceroplastes cistudiformis</i>
<i>Anthonomus signatus</i>	<i>Ceroplastes destructor</i>
<i>Antigastra catalaunalis</i>	<i>Ceroplastes grandis</i>
<i>Aonidiella aurantii</i>	<i>Ceroplastes japonicus</i>
<i>Aonidiella citrina</i>	<i>Ceroplastes pseudoceriferus</i>
<i>Apogonia cribicollis</i>	<i>Ceroplastes rubens</i>
<i>Apomyelois ceratoniae</i>	<i>Ceroplastes sinensis</i>
<i>Archips fuscocupreanus</i>	<i>Chaetocnema confinis</i>
<i>Archips podanus</i>	<i>Chaetosiphon fragaefolii</i>
<i>Archips rosana</i>	<i>Chaetosiphon thomasi</i>
<i>Archips xylosteanus</i>	<i>Chenoderus testaceus</i>
<i>Argyrotaenia citrana</i>	<i>Chilecomadia valdiviana</i>
<i>Ascotis reciprocaria</i>	<i>Chilo auricilius</i>
<i>Ascotis selenaria</i>	<i>Chilo infuscatellus</i>
<i>Autographa gamma</i>	<i>Chilo partellus</i>
<i>Bactericera cockerelli</i>	<i>Chilo sacchariphagus</i>
<i>Bactrocera</i> spp.	<i>Chilo suppressalis</i>
<i>Bagrada hilaris</i>	<i>Chionaspis pinifoliae</i>
<i>Batocera rubus</i>	<i>Chionaspis salicis</i>
<i>Batocera rufomaculata</i>	<i>Choristoneura</i> spp.
<i>Bifiditermes</i> spp.	<i>Chromaphis juglandicola</i>
<i>Brachycaudus cardui</i>	<i>Chromatomyia horticola</i>
<i>Brachycerus</i> spp.	<i>Chromatomyia syngenesiae</i>
<i>Busseola fusca</i>	<i>Chrysobothris mali</i>
<i>Byturus tomentosus</i>	<i>Chrysodeixis chalcites</i>
<i>Byturus unicolor</i>	<i>Cicadulina mbila</i>
	<i>Cleonis pigra</i>

<i>Clinodiplosis oleisuga</i>	<i>Dryocoetes</i> spp.
<i>Cnephasia longana</i>	<i>Duponchelia fovealis</i>
<i>Coccotrypes</i> spp.(except <i>Coccotrypes rhizophorae</i>)	<i>Dysaphis cynarae</i>
<i>Coccus longulus</i>	<i>Dyspessa ulula</i>
<i>Coccus moestus</i>	<i>Earias biplaga</i>
<i>Colaspis hypochlora</i>	<i>Earias insulana</i>
<i>Conogethes punctiferalis</i>	<i>Earias vittella</i>
<i>Conopomorpha cramerella</i>	<i>Edwardsiana rosae</i>
<i>Conopomorpha litchiella</i>	<i>Epicaerus cognatus</i>
<i>Conopomorpha sinensis</i>	<i>Epicauta vittata</i>
<i>Conotrachelus aguacatae</i>	<i>Epichoristodes acerbella</i>
<i>Conotrachelus nenuphar</i>	<i>Epidiaspis leperii</i>
<i>Conotrachelus perseae</i>	<i>Epiphyas postvittana</i>
<i>Contarinia tritici</i>	<i>Epitrix tuberis</i>
<i>Corcyra cephalonica</i>	<i>Erannis defoliaria</i>
<i>Cossus cossus</i>	<i>Eriococcus coriaceus</i>
<i>Crioceris asparagi</i>	<i>Erionota thrax</i>
<i>Cryptobabes gnidiella</i>	<i>Eriosoma pyricola</i>
<i>Cryptophlebia illepida</i>	<i>Erosomyia mangiferae</i>
<i>Cryptophlebia ombrodelta</i>	<i>Erthesina fullo</i>
<i>Cryptorhynchus lapathi</i>	<i>Eucalybites auroguttella</i>
<i>Cryptotermes</i> spp. except <i>C.brevis</i> and <i>C.rospigliosi</i>	<i>Eucalyptolyma maideni</i>
<i>Cydia latiferreana</i>	<i>Eudocima fullonia</i>
<i>Cydia splendana</i>	<i>Eulecanium perinflatum</i>
<i>Dactyloptypes</i> spp.	<i>Eulecanium tiliae</i>
<i>Dacus</i> spp.	<i>Eumeta variegata</i>
<i>Dasineura mali</i>	<i>Euphyllura olivina</i>
<i>Dasineura serotina</i>	<i>Eupoecilia ambiguella</i>
<i>Deanolis albizonalis</i>	<i>Euproctis chrysorrhoea</i>
<i>Delia antiqua</i>	<i>Eurygaster integriceps</i>
<i>Delia coarctata</i>	<i>Eurytoma amygdali</i>
<i>Dendroctonus</i> spp.	<i>Eutinobothrus brasiliensis</i>
<i>Dendrolimus spectabilis</i>	<i>Euwallacea</i> spp.
<i>Dendrolimus superans</i>	<i>Euzophera pinguis</i>
<i>Depressaria erinacella</i>	<i>Exomala orientalis</i>
<i>Dexicrates robustus</i>	<i>Frankliniella australis</i>
<i>Diaphorina citri</i>	<i>Frankliniella fusca</i>
<i>Diaprepes abbreviatus</i>	<i>Frankliniella intonsa</i>
<i>Diaspidiotus aencylus</i>	<i>Frankliniella tritici</i>
<i>Diaspidiotus juglansregiae</i>	<i>Fulmekiola serrata</i>
<i>Diaspidiotus ostreaeformis</i>	<i>Gilpinia</i> spp.
<i>Diaspidiotus pyri</i>	<i>Glyptotermes</i> spp.
<i>Diaspis cocois</i>	<i>Gnathotrichus sulcatus</i>
<i>Dioryctria zimmermani</i>	<i>Gonipterus gibberus</i>
<i>Distantiella theobroma</i>	<i>Gonipterus scutellatus</i>
<i>Drepanothrips reuteri</i>	<i>Gortyna flavago</i>
<i>Drosicha stebbingi</i>	<i>Gortyna xanthenes</i>
<i>Drosophila suzukii</i>	<i>Grapholita funebrana</i>
	<i>Grapholita inopinata</i>
	<i>Grapholita molesta</i>

<i>Grapholita packardi</i>	<i>Megastigmus</i> spp. (Except <i>M. transvaleensis</i>)
<i>Grapholita prunivora</i>	<i>Melanaspis glomerata</i>
<i>Halyomorpha halys</i>	<i>Melanaspis paulista</i>
<i>Heilipus lauri</i>	<i>Melanaspis tenax</i>
<i>Helicoverpa assulta</i>	<i>Melolontha papposa</i>
<i>Helopeltis bergerothi</i>	<i>Mercetaspis halli</i>
<i>Henosepilachna elaterii</i>	<i>Mesolecanium nigrofasciatum</i>
<i>Hercinothrips femoralis</i>	<i>Metamasius callizona</i>
<i>Heterotermes</i> spp. (except <i>H. tenuis</i>)	<i>Metcalfa pruinosa</i>
<i>Homalodisca vitripennis</i>	<i>Microcerotermes</i> spp.
<i>Hylastes</i> spp.	<i>Monacrostichus citricola</i>
<i>Hylesinus</i> spp. (except <i>H. oleiperda</i>)	<i>Monochamus</i> spp.
<i>Hylobius abietis</i>	<i>Monophadnoides geniculatus</i>
<i>Hylobius pales</i>	<i>Mussidia nigrivenella</i>
<i>Hylotrupes bajulus</i>	<i>Myndus crudus</i>
<i>Hylurgops</i> spp.	<i>Myzocallis coryli</i>
<i>Hylurgus</i> spp.	<i>Nacoleia octasema</i>
<i>Hyphantria cunea</i>	<i>Naupactus xanthographus</i>
<i>Hypothenemus obscurus</i>	<i>Nemapogon granellus</i>
<i>Icerya aegiptiaca</i>	<i>Nemocestes incomptus</i>
<i>Icerya seychellarum</i>	<i>Neoceratitis cyanescens</i>
<i>Ips</i> spp.	<i>Neodiprion</i> spp.
<i>Jacobiasca lybica</i>	<i>Neopulvinaria innumerabilis</i>
<i>Lampides boeticus</i>	<i>Neoterpes chilensis</i>
<i>Latheticus oryzae</i>	<i>Neoterpes insularis</i>
<i>Lawana imitata</i>	<i>Nipaecoccus viridis</i>
<i>Lecanodiaspis dendrobii</i>	<i>Oberea bimaculata</i>
<i>Leptinotarsa decemlineata</i>	<i>Odoiporus longicollis</i>
<i>Leptocybe invasa</i>	<i>Oemona hirta</i>
<i>Leptopharsa heveae</i>	<i>Omphisa anastomosalis</i>
<i>Leucinodes orbonalis</i>	<i>Operophtera brumata</i>
<i>Leucoptera malifoliella</i>	<i>Ophelimus eucalepty</i>
<i>Liothrips oleae</i>	<i>Ophelimus maskelli</i>
<i>Lissorhoptrus oryzophilus</i>	<i>Orgyia antiqua</i>
<i>Listroderes difficilis</i>	<i>Orgyia pseudotsugata</i>
<i>Listronotus bonariensis</i>	<i>Orseolia oryzae</i>
<i>Lobesia botrana</i>	<i>Orthotomicus</i> spp.
<i>Lopholeucaspis japonica</i>	<i>Oryctes rhinoceros</i>
<i>Lyctus chilensis</i>	<i>Oryzaephilus mercator</i>
<i>Lymantria dispar</i>	<i>Oscinella frit</i>
<i>Lymantria mathura</i>	<i>Ostrinia furnacalis</i>
<i>Lymantria monacha</i>	<i>Ostrinia nubilalis</i>
<i>Maconellicoccus hirsutus</i>	<i>Otiorhynchus cribricollis</i>
<i>Malacosoma</i> spp.	<i>Otiorhynchus ovatus</i>
<i>Mamestra brassicae</i>	<i>Otiorhynchus rugosostriatus</i>
<i>Margarodes vitis</i>	<i>Otiorhynchus singularis</i>
<i>Mastotermes</i> spp.	<i>Otiorhynchus sulcatus</i>
<i>Matsucoccus feytaudi</i>	<i>Oulema melanopus</i>
<i>Mayetiola destructor</i>	<i>Oxycetonia jucunda</i>
<i>Megalurothrips distalis</i>	

<i>Palleucothrips musae</i>	<i>Pseudopityophthorus</i> spp.
<i>Palpita vitrealis</i>	<i>Pterochloroides persicae</i>
<i>Pandemis heparana</i>	<i>Ptinus fur</i>
<i>Paramallocera ilinizae</i>	<i>Ptinus tectus</i>
<i>Paranthrene tabaniformis</i>	<i>Pulvinaria floccifera</i>
<i>Parapoynx stagnalis</i>	<i>Pulvinaria vitis</i>
<i>Paratachardina lobata</i>	<i>Rabdophaga saliciperda</i>
<i>Paratachardina pseudolobata</i>	<i>Rastrococcus iceryoides</i>
<i>Parlatoria oleae</i>	<i>Rastrococcus invadens</i>
<i>Parlatoria pittospori</i>	<i>Reticulitermes</i> spp.
<i>Parlatoria ziziphi</i>	<i>Rhabdoscelus obscurus</i>
<i>Paropsis dilatata</i>	<i>Rhagoletis</i> spp. (except
<i>Paropta paradoxa</i>	<i>R. ochraspis</i> , <i>R. lycopersicella</i> ,
<i>Parthenolecanium periatum</i>	<i>R. metallica</i> , and <i>R. psalida</i>)
<i>Parthenolecanium persicae</i>	<i>Rhipiphorothrips cruentatus</i>
<i>Parthenolecanium pruinatum</i>	<i>Rhizoecus coffeae</i>
<i>Pelopidas mathias</i>	<i>Rhopalomyia chrysanthemi</i>
<i>Pennisetia marginata</i>	<i>Rhyacionia</i> spp.
<i>Phassus giganteus</i>	<i>Rhynchophorus ferrugineus</i>
<i>Phenacoccus manihoti</i>	<i>Sacadodes pyralis</i>
<i>Phenacoccus solenopsis</i>	<i>Saissetia neglecta</i>
<i>Philaenus spumarius</i>	<i>Saperda carcharias</i>
<i>Phloeosinus</i> spp.	<i>Scaphoideus titanus</i>
<i>Phloeotribus scarabaeoides</i>	<i>Schedorhinotermes</i> spp.
<i>Phoracantha recurva</i>	<i>Scirpophaga excerptalis</i>
<i>Phytomyza gymnostoma</i>	<i>Scirtothrips aurantii</i>
<i>Pissodes</i> spp.	<i>Scirtothrips citri</i>
<i>Pityogenes</i> spp.	<i>Scirtothrips perseae</i>
<i>Planococcus kenyae</i>	<i>Scolytus</i> spp. (except <i>S. rugulosus</i>)
<i>Planococcus lilacinus</i>	<i>Scyphophorus acupunctatus</i>
<i>Platynota stultana</i>	<i>Selitrichodes globulus</i>
<i>Plocaederus ferrugineus</i>	<i>Sinoxylon</i> spp.
<i>Pollinia pollini</i>	<i>Sirex</i> spp.
<i>Polygraphus</i> spp.	<i>Sphaerolecanium prunastri</i>
<i>Popillia japonica</i>	<i>Spilonota ocellana</i>
<i>Porotermes</i> spp.	<i>Spodoptera littoralis</i>
<i>Prays citri</i>	<i>Spodoptera litura</i>
<i>Prays oleae</i>	<i>Statherotis discana</i>
<i>Priophorus morio</i>	<i>Stenchaetothrips biformis</i>
<i>Proeulia auraria</i>	<i>Stenoma decora</i>
<i>Proeulia chrysopteris</i>	<i>Sternochetus mangiferae</i>
<i>Proeulia triquetra</i>	<i>Synanthedon bibionipennis</i>
<i>Prostephanus truncatus</i>	<i>Systole albipennis</i>
<i>Pseudaulacaspis cockerelli</i>	<i>Taeniothrips inconsequens</i>
<i>Pseudococcus comstocki</i>	<i>Taphrorychus</i> spp.
<i>Pseudococcus cribata</i>	<i>Tessaratomia papillosa</i>
<i>Pseudococcus cryptus</i>	<i>Tetramoera schistaceana</i>
<i>Pseudococcus jackbeardsleyi</i>	<i>Tetropium fuscum</i>
<i>Pseudococcus landoi</i>	<i>Thanatopsyche chilensis</i>
<i>Pseudodendrothrips mori</i>	<i>Thaumastocoris peregrinus</i>

<i>Thaumatomotibia leucotreta</i>	<i>insidiosus</i>
<i>Thaumetopoea pityocampa</i>	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>
<i>Thrips angusticeps</i>	<i>Clavibacter michiganensis</i> subsp. <i>nebraskensis</i>
<i>Thrips flavus</i>	<i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i>
<i>Thrips hawaiiensis</i>	<i>Clover phyllody</i> phytoplasma
<i>Thrips nigropilosus</i>	<i>Curtobacterium flaccumfaciens</i> pv. <i>flaccumfaciens</i>
<i>Thrips palmi</i>	<i>Dickeya paradisiaca</i>
<i>Thyrinteina arnobia</i>	<i>Dickeya zeae</i>
<i>Thysanofiorinia nephelii</i>	<i>Erwinia amylovora</i>
<i>Thysanoplusia orichalcea</i>	Grapevine flavescence doree
<i>Tomicus</i> spp.(except <i>T.perforans</i>)	phytoplasma
<i>Toxotrypana recurcauda</i>	Grapevine yellows phytoplasmas
<i>Trachymela sloanei</i>	Palm lethal yellowing phytoplasma
<i>Trachymela tincticollis</i>	Peach x disease phytoplasma
<i>Tremex</i> spp.	Peach yellows phytoplasma
<i>Trialeurodes ricini</i>	<i>Pectobacterium cypripedii</i>
<i>Trioza erytreae</i>	Phytoplasma aurantifolia
<i>Trioza tripunctata</i>	Phytoplasma australiense
<i>Trogoderma granarium</i>	Phytoplasma mali
<i>Trogoderma inclusum</i>	Phytoplasma prunorum
<i>Trogoderma variabile</i>	<i>Pseudomonas cichorii</i>
<i>Trypodendron</i> spp.	<i>Pseudomonas corrugata</i>
<i>Unaspis yanonensis</i>	<i>Pseudomonas fuscovaginae</i>
<i>Xyleborinus reconditus</i>	<i>Pseudomonas savastanoi</i> pv. <i>glycinea</i>
<i>Xyleborinus saxeseni</i>	<i>Pseudomonas syringae</i> and all pv's
<i>Xyleborus dispar</i>	<i>Pseudomonas viridiflava</i>
<i>Xyleborus glabratus</i>	<i>Rhizobium rhizogenes</i>
<i>Xyleborus intrusus</i>	<i>Rhizobium rubi</i>
<i>Xyleutes magnifica</i>	<i>Rhizobium vitis</i>
<i>Xylosandrus crassiusculus</i>	<i>Rhodococcus fascians</i>
<i>Xylosandrus curtulus</i>	<i>Spiroplasma citri</i>
<i>Xylosandrus germanus</i>	<i>Streptomyces ipomoeae</i>
<i>Xylotrupes gideon</i>	Sugarcane grassy shoot and white leaf phytoplasmas
<i>Yponomeuta malinellus</i>	Sugarcane white leaf phytoplasma
<i>Zeuzera pyrina</i>	Sweet potato little leaf phytoplasma
<i>Zonosemata electa</i>	<i>Xanthomonas albilineans</i>

Bacteria/Phytoplasma

<i>Acidovorax cattleyae</i>	<i>Xanthomonas arboricola</i> pv. <i>corylina</i>
<i>Acidovorax citrulli</i>	<i>Xanthomonas arboricola</i> pv. <i>juglandis</i>
Apple rubbery wood phytoplasma	<i>Xanthomonas arboricola</i> pv. <i>populi</i>
Blueberry stunt phytoplasma	<i>Xanthomonas arboricola</i> pv. <i>pruni</i>
<i>Burkholderia andropogonis</i>	<i>Xanthomonas axonopodis</i> pv. <i>begoniae</i>
<i>Burkholderia gladioli</i> pv. <i>alliicola</i>	<i>Xanthomonas axonopodis</i> pv. <i>begoniae</i>
<i>Burkholderia gladioli</i> pv. <i>gladioli</i>	
<i>Candidatus Liberibacter</i> spp.	
<i>Candidatus Phytoplasma solani</i>	
<i>Clavibacter michiganensis</i> subsp.	

<i>glycines</i>	<i>Botryotinia squamosa</i>
<i>Xanthomonas axonopodis</i> pv.	<i>Botrytis aclada</i>
<i>manihotis</i>	<i>Botrytis byssoidea</i>
<i>Xanthomonas axonopodis</i> pv.	<i>Botrytis elliptica</i>
<i>phaseoli</i>	<i>Botrytis tulipae</i>
<i>Xanthomonas axonopodis</i> pv. <i>ricini</i>	<i>Ceratocystis fagacearum</i>
<i>Xanthomonas axonopodis</i> pv.	<i>Cercospora canescens</i>
<i>vasculorum</i>	<i>Chaeoseptoria wellmanii</i>
<i>Xanthomonas campestris</i> pv.	<i>Chrysoporthe cubensis</i>
<i>citrumelo</i>	<i>Cladosporium cucumerinum</i>
<i>Xanthomonas campestris</i> pv.	<i>Coleroa senniana</i>
<i>mangiferaeindicae</i>	<i>Colletotrichum fragariae</i>
<i>Xanthomonas campestris</i> pv.	<i>Colletotrichum kahawae</i>
<i>musacearum</i>	<i>Colletotrichum simmondsii</i>
<i>Xanthomonas campestris</i> pv.	<i>Colletotrichum sublineola</i>
<i>passiflorae</i>	<i>Coniella diplodiella</i>
<i>Xanthomonas campestris</i> pv.	<i>Coniothyrium glycines</i>
<i>sesame</i>	<i>Coniothyrium wernsdorffiae</i>
<i>Xanthomonas campestris</i> pv.	<i>Cronartium</i> spp.
<i>viticola</i>	<i>Cryphonectria parasitica</i>
<i>Xanthomonas citri</i>	<i>Cryptodiaporthe populea</i>
<i>Xanthomonas cucurbitae</i>	<i>Cylindrosporium phalaenopsisidis</i>
<i>Xanthomonas cynarae</i>	<i>Cylindrosporium rubi</i>
<i>Xanthomonas fragariae</i>	<i>Diaporthe amygdali</i>
<i>Xanthomonas hortorum</i> pv. <i>carotae</i>	<i>Diaporthe australafricana</i>
<i>Xanthomonas oryzae</i> pv. <i>oryzicola</i>	<i>Diaporthe eres</i>
<i>Xanthomonas vesicatoria</i>	<i>Diaporthe phaseolorum</i> var. <i>caulivora</i>
<i>Xylella fastidiosa</i>	<i>Diaporthe phaseolorum</i> var. <i>meridionalis</i>
<i>Xylophilus ampelinus</i>	<i>Diaporthe phaseolorum</i> var. <i>sojae</i>

Fungi/Chromista

<i>Alternaria brassicicola</i>	<i>Diaporthe vaccinii</i>
<i>Alternaria radicina</i>	<i>Didymella applanata</i>
<i>Alternaria ricini</i>	<i>Didymella fabae</i>
<i>Alternaria saponariae</i>	<i>Didymella lenti</i>
<i>Alternaria triticina</i>	<i>Didymella ligulicola</i>
<i>Amphobotrys ricini</i>	<i>Didymella lycopersici</i>
<i>Apiosporina morbosa</i>	<i>Diplocarpon earlianum</i>
<i>Armillaria tabescens</i>	<i>Diplocarpon mespili</i>
<i>Arthuriomyces peckianus</i>	<i>Diplodia palmicola</i>
<i>Ascochyta gossypii</i>	<i>Discosphaerina fulvida</i>
<i>Balansia oryzae-sativae</i>	<i>Dothichiza caroliniana</i>
<i>Bipolaris sorghicola</i>	<i>Dothiorella dominicana</i>
<i>Botryosphaeria australis</i>	<i>Drepanopeziza populorum</i>
<i>Botryosphaeria corticis</i>	<i>Elsinoë australis</i>
<i>Botryosphaeria dothidea</i>	<i>Elsinoë batatas</i>
<i>Botryosphaeria laricina</i>	<i>Elsinoë leucospermi</i>
<i>Botryotinia porri</i>	<i>Elsinoë mangiferae</i>
	<i>Elsinoë veneta</i>
	<i>Endocronartium harknessii</i>

<i>Entyloma dahliae</i>	<i>Lophodermium pinastris</i>
<i>Eutypa lata</i>	<i>Marasmius palmivorus</i>
<i>Fomitiporia mediterranea</i>	<i>Melampsora farlowii</i>
<i>Fusarium mangiferae</i>	<i>Melampsora medusae</i>
<i>Fusarium oxysporum</i> f.sp. <i>albedinis</i>	<i>Melampsorella caryophyllacearum</i>
<i>Fusarium oxysporum</i> f.sp. <i>chrysanthemi</i>	<i>Melanomma glumarum</i>
<i>Fusarium oxysporum</i> f.sp. <i>conglutinans</i>	<i>Microbotryum violaceum</i>
<i>Fusarium oxysporum</i> f.sp. <i>fragariae</i>	<i>Microdochium panattonianum</i>
<i>Fusarium oxysporum</i> f.sp. <i>gladioli</i>	<i>Microstroma juglandis</i>
<i>Fusarium oxysporum</i> f.sp. <i>herbemontis</i>	<i>Monilinia fructigena</i>
<i>Fusarium oxysporum</i> f.sp. <i>lilii</i>	<i>Monilinia laxa</i>
<i>Fusarium oxysporum</i> f.sp. <i>melonis</i>	<i>Monilinia vaccinii-corymbosi</i>
<i>Fusarium oxysporum</i> f.sp. <i>niveum</i>	<i>Monographella nivalis</i>
<i>Fusarium oxysporum</i> f.sp. <i>pisi</i>	<i>Mycosphaerella brassicicola</i>
<i>Fusarium oxysporum</i> f.sp. <i>quitoense</i>	<i>Mycosphaerella caricae</i>
<i>Fusarium oxysporum</i> f.sp. <i>radicis-</i> <i>lycopersici</i>	<i>Mycosphaerella chrysanthemi</i>
<i>Fusarium oxysporum</i> f.sp. <i>ricini</i>	<i>Mycosphaerella confusa</i>
<i>Fusarium poae</i>	<i>Mycosphaerella cryptica</i>
<i>Ganoderma philippii</i>	<i>Mycosphaerella dearnessii</i>
<i>Gibberella circinata</i>	<i>Mycosphaerella dendroides</i>
<i>Gibberella xylosporoides</i>	<i>Mycosphaerella fragariae</i>
<i>Gloeocercospora sorghi</i>	<i>Mycosphaerella gibsonii</i>
<i>Gloeosporium minus</i>	<i>Mycosphaerella graminicola</i>
<i>Gloeotinia granigena</i>	<i>Mycosphaerella nubilosa</i>
<i>Gnomonia leptostyla</i>	<i>Mycosphaerella pistacina</i>
<i>Godronia cassandrae</i>	<i>Mycosphaerella rabiei</i>
<i>Gremmeniella abietina</i>	<i>Nattrassia mangiferae</i>
<i>Grosmannia wageneri</i>	<i>Nectria cinnabarinia</i>
<i>Guignardia bidwellii</i>	<i>Nectria galligena</i>
<i>Guignardia citricarpa</i>	<i>Neofabraea alba</i>
<i>Guignardia mangiferae</i>	<i>Neofusicoccum arbuti</i>
<i>Guignardia musae</i>	<i>Neofusicoccum corticosae</i>
<i>Gymnoconia nitens</i>	<i>Neofusicoccum luteum</i>
<i>Gymnosporangium asiaticum</i>	<i>Neofusicoccum mediterraneum</i>
<i>Gymnosporangium clavipes</i>	<i>Neofusicoccum nonquaesitum</i>
<i>Gymnosporangium juniperi-</i> <i>virginiana</i>	<i>Neonectria liriodendri</i>
<i>Gymnosporangium sabinae</i>	<i>Neotyphodium coenophialum</i>
<i>Gymnosporangium globosum</i>	<i>Oidium heveae</i>
<i>Gymnosporangium yamadae</i>	<i>Oidium hortensiae</i>
<i>Haplobasidion musae</i>	<i>Oidium tingitanum</i>
<i>Hemileia coffeicola</i>	<i>Olpidium brassicae</i>
<i>Kabatiella zeae</i>	<i>Passalora rubrotincta</i>
<i>Kuehneola uredinis</i>	<i>Perenosclerospora maydis</i>
<i>Leptosphaeria maculans</i>	<i>Perenosclerospora philippinensis</i>
<i>Leucostoma persoonii</i>	<i>Perenosclerospora sacchari</i>
	<i>Perenosclerospora sorghi</i>
	<i>Peronospora hyoscyami</i> f.sp. <i>tabacina</i>
	<i>Peronospora manshurica</i>
	<i>Pezicula malicorticis</i>

<i>Phaeolus schweinitzii</i>	<i>Septoria albopunctata</i>
<i>Phaeoseptoria musae</i>	<i>Septoria dianthi</i>
<i>Phakopsora meibomiae</i>	<i>Septoria dianthicola</i>
<i>Phakopsora pachyrhizi</i>	<i>Septoria gladioli</i>
<i>Phellinus weiri</i>	<i>Septoria pistaciae</i>
<i>Phialophora cinerescens</i>	<i>Septoria rubi</i>
<i>Phoma costarricensis</i>	<i>Sirosporium diffusum</i>
<i>Phoma destructiva</i>	<i>Sphaceloma arachidis</i>
<i>Phoma tracheiphila</i>	<i>Sphaeropsis sapinea</i>
<i>Phomopsis longicolla</i>	<i>Sphaerulina phalaenopsisidis</i>
<i>Phomopsis mangiferae</i>	<i>Stemphylium solani</i>
<i>Phomopsis obscurans</i>	<i>Stereum hirsutum</i>
<i>Phomopsis viticola</i>	<i>Stromatinia gladioli</i>
<i>Phragmidium rubi-idaei</i>	<i>Taphrina armeniacae</i>
<i>Phragmidium violaceum</i>	<i>Thanatephorus theobromae</i>
<i>Phyllosticta capitalensis</i>	<i>Tilletia controversa</i>
<i>Phyllosticta solitaria</i>	<i>Tilletia horrida</i>
<i>Phymatotrichopsis omnivora</i>	<i>Tilletia indica</i>
<i>Phytophthora boehmeriae</i>	<i>Uredo oncidii</i>
<i>Phytophthora cambivora</i>	<i>Urocystis agropyri</i>
<i>Phytophthora cryptogea</i>	<i>Urocystis gladiolicola</i>
<i>Phytophthora fragariae</i>	<i>Uromyces transversalis</i>
<i>Phytophthora megasperma</i>	<i>Verticillium tricorpus</i>
<i>Phytophthora pinifolia</i>	
<i>Phytophthora porri</i>	
<i>Phytophthora richardiae</i>	
<i>Phytophthora rubi</i>	
<i>Plasmopara halstedii</i>	
<i>Podosphaera fusca</i>	
<i>Podosphaera tridactyla</i>	
<i>Polymixa graminis</i>	
<i>Polyscytalum pustulans</i>	
<i>Pseudocercospora angolensis</i>	
<i>Pseudocercospora eumusae</i>	
<i>Pseudocercospora fuligena</i>	
<i>Pseudocercosporella capsellae</i>	
<i>Pseudopeziza tracheiphila</i>	
<i>Puccinia cacabata</i>	
<i>Pucciniastrum americanum</i>	
<i>Pyrenophora dictyoides</i>	
<i>Pyrenophora seminiperda</i>	
<i>Raffaelea lauricola</i>	
<i>Ramulispora sorghi</i>	
<i>Rosellinia arcuata</i>	
<i>Rosellinia necatrix</i>	
<i>Sclerophthora rayssiae</i> var. <i>zeae</i>	
<i>Sclerotinia borealis</i>	
<i>Sclerotinia minor</i>	
<i>Sclerotium coffeicola</i>	
<i>Septocyta ruborum</i>	

Virus/Viroid

Alstroemeria mosaic virus (A1MV)
Apple stem grooving virus (ASGV)
Apple stem pitting virus
Arabis mosaic virus (ArMV)
Artichoke italian latent virus
Artichoke mottled crinkle virus
Artichoke yellow ringspot virus
Asparagus virus 2 (AV-2)
Banana bract mosaic virus
Banana bunchy top virus (BBTV)
Bean golden mosaic virus (BGMV)
Beet curly top virus
Beet pseudo-yellows virus
Black raspberry necrosis virus
Blackberry calico virus
Blackberry chlorotic ringspot virus
Blackberry virus Y
Blackberry yellow vein associate virus
Blueberry latent virus
Blueberry leaf mottle virus
Blueberry mosaic virus
Blueberry necrotic ring blotch virus

Blueberry red ringspot virus	Konjac mosaic virus
Blueberry scorch virus	Kyuri green mottle mosaic virus
Blueberry shock virus	Leek yellow stripe virus
Blueberry shoestring virus	Little cherry virus
Blueberry virus A	Maize streak virus
Broad bean stain virus	Pea early-browning virus (PEBV)
Broad bean wilt virus	Peach latent mosaic viroid (PLMvd)
Cacao swollen shoot virus (CSSV)	Peach mosaic virus
Cactus virus X	Peach rosette mosaic virus (PRMV)
Carnation latent virus	Peach wart disease
Carnation ringspot virus (CRSV)	Peanut mottle virus
Carnation vein mottle virus	Peanut stripe virus
Cassava mosaic disease	Peanut stunt virus (PSV)
Cherry green ring mottle virus	Pelargonium zonate spot virus
Cherry leaf roll virus (CLRV)	Pepper ringspot virus
Cherry necrotic rusty mottle	Petunia asteroid mosaic virus
Cherry rasp leaf virus	Plum pox virus (PPV)
Cherry rusty mottle disease	Potato virus M
Chrysanthemum stunt viroid	Prune dwarf virus
Citrus blight disease	Raspberry bushy dwarf virus
Citrus cristacortis disease	Raspberry leaf curl virus (RLCV)
Citrus impietratura disease	Raspberry ringspot virus (RpRSV)
Citrus leprosis virus	Rice stripe necrosis virus
Citrus yellow mosaic virus	Rubus yellow net virus
Coconut cadang-cadang viroid	Satsuma dwarf virus (SDV)
Coffee ringspot virus	Squash mosaic virus (SqMV)
Cotton anthocyanosis virus	Strawberry crinkle virus (SCrV)
Cotton leaf crumple virus	Strawberry latent ringspot virus (SLRSV)
Cowpea aphid-borne mosaic virus	Strawberry vein banding virus (SVBV)
Cucumber green mottle mosaic virus	Sugarcane bacilliform virus
Cymbidium ringspot virus (CymRSV)	Sugarcane mild mosaic virus
Dasheen mosaic virus (DsMV)	Tobacco necrosis virus (TNV)
Fiji disease virus	Tobacco rattle virus (TRV)
Freesia mosaic virus	Tomato black ring virus (TBRV)
Grapevine chrome mosaic virus	Tomato leaf curl New Delhi virus
Grapevine Pinot gris virus	Tomato mottle virus (ToMoV)
Grapevine red globe virus	Tomato yellow vein streak virus
Grapevine rupestris stem pitting-associated virus	Tulip breaking virus
Grapevine rupestris vein feathering virus	Turnip mosaic virus (TuMV)
Grapevine Syrah virus-I	Wheat streak mosaic virus
Grapevine virus B	White clover mosaic virus
Grapevine virus D	Wineberry latent virus
High plains virus	
Hydrangea ringspot virus	
Impatiens necrotic spot virus	

Molluscs

Bradybaena similaris
Laevicaulis alte

Succinea costaricana
Theba pisana

Nematodes

Anguina agrostis
Anguina tritici
Aphelenchoides besseyi
Aphelenchoides fragariae
Aphelenchoides ritzemabosi
Aphelenchoides subtenuis
Belonolaimus longicaudatus
Bursaphelenchus xylophilus
Cacopaurus pestis
Ditylenchus angustus
Ditylenchus destructor
Heterodera glycines
Heterodera mani
Heterodera zaeae
Hoplolaimus pararobustus
Longidorus spp.
Meloidogyne arabicida
Meloidogyne chitwoodi
Meloidogyne fallax
Meloidogyne minor
Meloidogyne partityla
Mesocriconema xenoplax
Paratrichodorus minor
Paratrichodorus porosus
Pratylenchus crenatus
Pratylenchus fallax
Pratylenchus loosi
Pratylenchus neglectus
Pratylenchus penetrans
Pratylenchus scribneri
Pratylenchus thornei
Pratylenchus vulnus
Xiphinema bakeri
Xiphinema diversicaudatum
Xiphinema italiae
Xiphinema pachtaicum
Zygotylenchus guevarai

Plants

Alhagi maurorum
Allium vineale
Alopecurus myosuroides
Amaranthus blitoides

Amaranthus blitum
Amaranthus glaevizans
Amaranthus retroflexus
Ambrosia grayi
Ambrosia psilostachya
Ambrosia tomentosa
Ambrosia trifida
Anthemis cotula
Apera spica-venti
Apocynum cannabinum
Arceuthobium spp.
Arctotheca calendula
Bassia scoparia
Bidens aurea
Brassica tournefortii
*Bromus diandrus subsp. *rigidus**
Bromus madritensis
Bromus rubens
Bromus sterilis
Bromus tectorum
Cardaria chalepensis
Carduus acanthoides
Carduus pycnocephalus
Carduus tenuiflorus
Centaurea iberica
Centaurea virgata
Cnicus benedictus
*Cuscuta spp. (except *C. acutiloba*,
C. americana, *C. bella*, *C.*
cockerellii, *C. corymbosa*, *C.*
foetida, *C. globiflora*, *C. grandiflora*,
C. haughtii, *C. hitchcockii*, *C.*
lucidicarpa, *C. obtusifolia*, *C.*
odorata var. *holwayana*, *C. odorata*
var. *odorata*, *C. paitana*, *C. partita*,
C. peruviana, *C. rubella*, *C.*
stenolepis and *C. suaveolens*)*
Echium plantagineum
Echium vulgare
Elymus repens
Emex australis
Eragrostis plana
Euphorbia esula
Fumaria officinalis
Galium spurium
Helianthus ciliaris
Heliotropium europaeum
Hibiscus trionum
Hirschfeldia incana
*Hordeum murinum subsp. *leporinum**

<i>Lactuca tatarica</i>	<i>Polygonum lapathifolium</i>
<i>Lepidium bonariense</i>	<i>Rhaponticum repens</i>
<i>Linaria dalmatica</i>	<i>Saccharum spontaneum</i>
<i>Linaria vulgaris</i>	<i>Salsola kali</i>
<i>Lolium rigidum</i>	<i>Salvia aethiopis</i>
<i>Murdannia nudiflora</i>	<i>Schoenoplectiella mucronata</i>
<i>Myagrum perfoliatum</i>	<i>Schoenoplectus juncoides</i>
<i>Najas graminea</i>	<i>Senecio grisebachii</i>
<i>Najas marina</i>	<i>Silene dichotoma</i>
<i>Onopordum acanthium</i>	<i>Silene latifolia</i> subsp. <i>alba</i>
<i>Orobanche</i> spp. (except <i>O.tacnaensis</i> and <i>O.weberbaueri</i>)	<i>Sinapis arvensis</i>
<i>Panicum capillare</i>	<i>Solanum carolinense</i>
<i>Panicum coloratum</i>	<i>Solanum rostratum</i>
<i>Panicum repens</i>	<i>Solanum torvum</i>
<i>Paspalum denticulatum</i>	<i>Sonchus arvensis</i>
<i>Paspalum hydrophilum</i>	<i>Stachys palustris</i>
<i>Pennisetum macrourum</i>	<i>Striga</i> spp.
<i>Pennisetum pedicellatum</i>	<i>Tithonia diversifolia</i>
<i>Phalaris paradoxa</i>	<i>Urochloa panicoides</i>
<i>Physalis longiflora</i> var. <i>subglabrata</i>	<i>Urochloa plantaginea</i>
<i>Polygonum argyrocoleon</i>	<i>Xanthium strumarium</i>
<i>Polygonum hydropiper</i>	

2.5 Ports of Entry

Land/Rail
Postal
Air
Sea/River

Table 1. Ports of Entry for Peru

Region	Location of Quarantine Stations			
	Land / Rail	Postal	Air	Sea / River
Piura	La Tina			Puerto de Paita
	Espindola			
	Alamor			
	Agus Verdes			
Tumbes	Zorritos	Tumbes		
Jaen	Namballe			
La Libertad			International Airport	Puerto de Salaverry

Region	Location of Quarantine Stations			
	Land / Rail	Postal	Air	Sea / River
Lima Callao		Callao		Puerto de Callao
Ica		Pisco		Puerto de Pisco
Arequipa	Desaguadero	Arequipa	International Airport	Puerto de Matarani
Puno	Kasani Moho	Puno		
Moquegua	Santa Rosa	Ilo		Puerto de Ilo
Tacna	Palca	Tacna	International Airport	
Madre de Dios	Inapari Mavila		International Airport	Puerto de Mazuza
Loreto				Santa Rosa Pantoja
Cusco		Cusco	International Airport	
		Paita		
		Chiclayo		
		Trujillo		
		Chimbote		
		Mollendo		
		Puerto Maldonado		
		Pucallpa		
		Tarapoto		
		Iquitos		

2.6 Inspection on Arrival

All consignments of imported plant material will be subject to inspection for phytosanitary purposes on arrival to Peru

2.7 Sampling Rates upon Arrival

Table 2 Sampling rates upon arrival

Fresh Fruit and Vegetables						
No. Packages	0-2000	2001-6000	6001-12000	12001-15000	>15000	

Units sampled	15	20	25	30	35	
Botanical seed, bulbs, roots, rhizomes, cutting						
No. Packages	2-15	16-25	26-40	41-65	66-100	111-180
Units sampled	2-3	5	7	10	15	25
Nursery Stock (Whole Plants)						
Packages sampled	100% of consignment sampled					
Fresh Flowers						
Packages sampled	2% of consignment sampled					
Grain, Dried Flowers						
Packages sampled	Approximately 10% sampled					

2.8 Transit

No requirements for material transiting a third country en-route to Peru. Where material is transiting Peru in route to its final destination, a phytosanitary permit must be sourced from Peru

3 Commodity Class Requirements

ref. Questionnaire

3.1 Fruit and Vegetables

3.1.1 Fresh Fruit and Vegetables

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required.

3.1.2 Dried Fruit and Vegetables

Sun Dried

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required.

Artificially Dried

Conditions:

Phytosanitary import permit not required. Phytosanitary certificate not required.

3.1.3 Frozen Fruit and Vegetables

Conditions:

Phytosanitary import permit not required. Phytosanitary certificate not

required.

3.2 Cut Flowers and Foliage

3.2.1 Fresh Cut Flowers and Foliage

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required.

3.2.2 Dried Cut Flowers and Foliage

Conditions:

Phytosanitary import permit not required. Phytosanitary certificate not required.

3.3 Nursery Stock

Nurseries and laboratories may be authorised by SENASA Peru to export plant propagation material to Peru under procedures set by SENASA in their regulations;

<http://www.senasa.gob.pe>

3.3.1 Budwood and Cuttings

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Post entry quarantine required or a place of propagation may be authorised to export to Peru under set procedures.

3.3.2 Bulbs/tubers/corms/rhizomes (for propagation)

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Post entry quarantine required or a place of propagation may be authorised to export to Peru under set procedures. Refer to 4.3.1.

3.3.3 Whole Plants

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Post entry quarantine required or a place of propagation may be authorised to export to Peru under set procedures.

3.3.4 Tissue Culture

Conditions:

Phytosanitary import permit not required. Phytosanitary certificate not required. Refer to 4.3.2.

3.4 Seeds, Grains and Nuts

3.4.1 Seeds, Grains and Nuts for Sowing

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required.

Packaging must be new. The seeds must be free of soil and any other type of non-sterile plant material. Inspection and sampling for laboratory testing on arrival. Refer to 4.4.1.

3.4.2 Seeds, Grains and Nuts for Consumption

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required.

3.4.3 Seeds, Grains and Nuts for Processing

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required.

3.5 Wooden Packing Material

Conditions:

Phytosanitary import permit not required. Phytosanitary certificate not required.

Wood packaging material must be marked in accordance with ISPM 15.

3.6 Micro organisms

Conditions:

Phytosanitary import permit required. Phytosanitary certificate not required.

3.7 Scientific Samples

Conditions:

Phytosanitary import permit not required. Phytosanitary certificate not required.

4 Commodity Specific Requirements

4.1 Fruit and Vegetables

4.1.1 Fresh Fruit and Vegetables

Refer Section 3.1.1

4.1.2 Dried Fruit and Vegetables

Refer Section 3.1.2

4.1.3 Frozen Fruit and Vegetables

Refer Section 3.1.3

4.2 Cut Flowers and Foliage

4.2.1 Fresh Cut Flowers and Foliage

Refer Section 3.2.1

4.2.2 Dried Cut Flowers and Foliage

Refer Section 3.2.2

4.3 Nursery Stock

Refer Section 3.3

4.3.1 Bulbs/tubers/corms/rhizomes (for propagation)

Curcuma spp.

Turmeric

(including *Curcuma longa*, synonym *Curcuma domestica* and *Amomum curcuma*)

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Additional declaration required and treatment required. Packaged in new containers and free of

foreign material. Inspection on arrival and a sample will be taken for laboratory testing. Post entry quarantine for three months.

Additional declaration:

"Free from *Pythium graminicola* and *Pythium myriotylum*"

Treatment:

Rhizomes must be treated with a mixture of Thiram 1.12% and Imacloprid 0.016% or another product of equivalent action.

Zantedeschia spp.

Calla Lily

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Additional declaration required and treatment required. Packaged in new containers and free of foreign material. Inspection on arrival and a sample will be taken for laboratory testing. Post entry quarantine for three months.

Additional declaration:

"The rhizomes come from a place of production which has been inspected and found free from Dasheen mosaic virus"

AND

"Free from *Rosellinia necatrix* and *Pythium myriotylum*"

Treatment

Rhizomes must be treated with a mixture of Thiram 1.12% and Imacloprid 0.016% or another product of equivalent action.

4.3.2 Tissue culture

Ipomoea batatas

Sweet potato

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Culture medium must be free of pests. Packaging must be new, transparent and sealed. Inspection on arrival. Post entry quarantine for three months.

Additional declaration:

"In vitro plants are derived from mother plants free of *Dickeya zeae* and *Caulimo-like virus*."

4.4 Seeds, Grains and Nuts

4.4.1 Seeds, Grains and Nuts for Sowing

Refer Section 3.4.1

Note: Non-quarantine weed seeds and tolerances in imported fertile seed.

Annual weed seeds maximum tolerance level is up to 0.15%
Perennial weed seeds maximum tolerance level is up to 0.1%

Bromus hordeaceus (annual) maximum tolerance level is up to 0.15%
Sherardia arvensis (annual) maximum tolerance level is up to 0.15%

Note: It is important to note that the lists of quarantine pests in this ICPR are not exhaustive. Peru may consider other pests to be quarantine pests and impose quarantine measures.

Actinidia deliciosa

Kiwifruit

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Additional declaration required and treatment required. Packaging must be new, and of first use labelled with name of product and country of origin. Inspection on arrival and sample will be taken for laboratory testing.

Additional declaration:

"The seeds come from mother plants inspected by the NPPO of the country of origin during the period of active growth of the crop and by laboratory analysis the seeds were found free of Apple stem grooving virus, Cherry leaf roll virus, *Pseudomonas syringiae* pv. *syringae* and *Pseudomonas viridiflava*."

Treatment:

Carboxin at 0.8g (a.i.) per kg of seed and thiram at 1g (a.i.) per kg of seed or any product of equivalent action.

Cucurbita argyrosperma Squash

Phytosanitary import permit required. Phytosanitary certificate required. Sample will be taken for laboratory testing. Full scientific name must be stated on the phytosanitary certificate.

Cucurbita cylindrical Squash

Phytosanitary import permit required. Phytosanitary certificate required. Sample will be taken for laboratory testing. Full scientific name must be stated on the phytosanitary certificate.

Cucurbita ficifolia Squash

Phytosanitary import permit required. Phytosanitary certificate required. Sample will be taken for laboratory testing. Full scientific name must be stated on the phytosanitary certificate.

Cucurbita foetidissima Gourd

Phytosanitary import permit required. Phytosanitary certificate required. Sample will be taken for laboratory testing. Full scientific name must be stated on the phytosanitary certificate.

Cucurbita maxima Squash

Phytosanitary import permit required. Phytosanitary certificate required. Sample will be taken for laboratory testing. Full scientific name must be stated on the phytosanitary certificate.

Cucurbita moschata Squash

Phytosanitary import permit required. Phytosanitary certificate required. Sample will be taken for laboratory testing. Full scientific name must be stated on the phytosanitary certificate.

Cucurbita maxima x moschata

Phytosanitary import permit required. Phytosanitary certificate required. Sample will be taken for laboratory testing. Full scientific name must be stated on the phytosanitary certificate.

Cucurbita pepo Squash

Phytosanitary import permit required. Phytosanitary certificate required. Sample will be taken for laboratory testing. Full scientific name must be stated on the phytosanitary certificate.

Dactylis glomerata Cocksfoot

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Additional declaration required.

Additional declaration:

"Free from *Listronotus bonariensis*"

Festuca spp. Fescue

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Additional declaration required.

Additional declaration

"Free from *Listronotus bonariensis*"

Lolium spp. Rye grass

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Additional declaration required.

Additional declaration

"Free from *Listronotus bonariensis*"

Pisum sativum Pea

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Additional declaration required.

Additional declaration

"The seeds come from parent plants that have been officially inspected by the National Plant Protection Organization of the country of origin during the period of active growth and found free of *Pseudomonas syringae* pv. *pisi* and *Xanthomonas axonopodis* pv. *phaseoli*"

Solanum lycopersicum Tomato

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Additional declaration required.

Additional declaration:

"The seeds come from mother plants inspected by the NPPO of the country of origin during the period of active growth of the crop and by laboratory analysis the seeds were found free of *Xanthomonas vesicatoria*"

OR

"Seeds were analysed by PCR method being free of *Xanthomonas vesicatoria*"

OR

"Seeds were analysed using ISHI method of the International Seed Federation and are free of *Xanthomonas vesicatoria*"

Note: PCR refers to Polymerase Chain Reaction.

Note: ISHI refers to International Seed Health Initiative. ISHI method for *Solanum lycopersicum*:

http://worldseed.org/wpcontent/uploads/2016/08/Tomato_Xanthomonas_spp_2016.pdf

Trifolium spp.

Clover

Conditions:

Phytosanitary import permit required. Phytosanitary certificate required. Additional declaration required and treatment required.

Additional declaration

"Free from *Listronotus bonariensis*"

4.4.2 Seeds, Grains and Nuts for Consumption

Refer Section 3.4.2

4.4.3 Seeds, Grains and Nuts for Processing

Refer Section 3.4.3