

**MINISTRY FOR PRIMARY INDUSTRIES**  
**IMPORTING COUNTRIES PHYTOSANITARY**  
**REQUIREMENTS**  
**URUGUAY**

Status: **Approved**

Date: 24 June 2002

**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:
6.	16 August 2016	<p>Removed the additional declaration for <i>Pisum</i> spp., section 4, Fresh fruits and vegetables.</p> <p>Added 75 new quarantine pests, Appendix 1.</p> <p>Removed Maximum Pest List, section 2.5. MPL is covered in the MPI Certification Standard and is not within the scope of the ICPR.</p> <p>Added new section for fees and charges, section 1.4</p> <p>Updated disclaimer, general information and quarantine pests requirements, section 1, and 2.4 respectively.</p> <p>Reformatted the presentation of quarantine pests by providing the pest type, order, family and common names. Corrected misspelt scientific names and provided synonyms, Appendix 1.</p> <p>Reformatted the presentation of amendment record starting with the most recent record of amendments.</p>	GF

5.	9 December 2010	Amendment of requirements for Frozen Fruit and Vegetables Section 3.1.3	VK
4.	28 March 2007	Amendment of MAF contact details Section 1.1	SW
3.	3 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.	24 June 2002	EPS Issued	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 standard 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.***

## Table of Contents

<b>1</b>	<b>General Information .....</b>	<b>6</b>
1.2	Scope .....	6
1.3	Phytosanitary Legislation .....	6
<b>1.4</b>	<b>Fees and charges.....</b>	<b>7</b>
<b>2</b>	<b>General requirements .....</b>	<b>7</b>
2.1	Prohibitions .....	7
2.2	Import Permits.....	7
2.3	Phytosanitary Certificates .....	8
2.4	Quarantine Pests.....	8
2.5	Inspection on Arrival .....	8
2.6	Sampling Rate .....	8
2.7	Ports of Entry .....	9
2.8	Transit Requirements .....	9
<b>3</b>	<b>Commodity Class Requirements .....</b>	<b>9</b>
3.1	Fruit and Vegetables .....	9
3.1.1	Fresh Fruit and Vegetables .....	9
3.1.2	Dried Fruit and Vegetables .....	9
3.1.3	Frozen Fruit and Vegetables .....	9
3.2	Cut Flowers and Foliage.....	9
3.2.1	Fresh Cut Flowers and Foliage.....	9
3.2.2	Dried Cut Flowers and Foliage .....	9
3.3	Nursery Stock.....	10
3.3.1	Whole Plants.....	10
3.3.2	Bulbs/tubers/corms/rhizomes (for propagation) .....	10
3.3.3	Bud wood and Cuttings.....	10
3.4	Seeds and Grain.....	10
3.4.1	Seed and Grain for Sowing .....	10
3.4.2	Seed and Grain for Consumption .....	10
3.4.3	Seed and Grain for Processing.....	10
3.5	Growing Media .....	10
3.6	Packing Material.....	10
3.7	Miscellaneous Items .....	11
<b>4</b>	<b>Commodity Specific Requirements.....</b>	<b>11</b>
4.1	Fruit and Vegetables.....	11
4.1.1	Fresh Fruit and Vegetables .....	11
4.1.2	Dried Fruit and Vegetables .....	11
4.1.3	Frozen Fruit and Vegetables .....	11
4.2	Cut Flowers and Foliage.....	11
4.2.1	Fresh Cut Flowers and Foliage.....	11
4.2.2	Dried Cut Flowers and Foliage .....	11
4.3	Nursery Stock.....	11
4.4	Seed and Grains.....	11
4.4.1	Seed and Grain for Sowing .....	11
4.4.2	Seed and Grain for Consumption.....	14
4.4.3	Seed and Grain for Processing.....	14

**Appendix 1. List of Quarantine Pests Notified by Uruguay ..... 15**

# 1 General Information

Users of this document are strongly advised to read all sections to understand the phytosanitary requirements for a commodity.

## 1.1 For enquires about this document email the Plant Exports Team at [plantexports@mpi.govt.nz](mailto:plantexports@mpi.govt.nz) :

Please state the nature of your enquiry in the subject line e.g. Uruguay 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 Importing Country's Phytosanitary Requirement (ICPR) document apply to product of New Zealand only, unless specifically stated.

This ICPR specifies Uruguay's phytosanitary requirements. If a commodity or commodity group is not identified within this ICPR exporters should direct enquiries to:

- Uruguay directly in order to ascertain requirements. Refer Section 2.2.4  
or
- Ministry for Primary Industries (MPI)-Plant Exports

## 1.3 Phytosanitary Legislation

The following legislation controls the importation of plants and plant materials into Uruguay:

- Law 3921 28 October 1911, Defensa Agrícolas amended with the introduction of Law 16.736 articles 262 and 286 12 January 1996
- Law 16.671 13 December 1994, Aprueba el Acuerdo de Medidas Sanitarias and Fitosanitarias de las OMC
- Law Aprueba el Nuevo Texto de la Convencion Internacional de Proteccion Fitosanitaria (1997)
- Decrees 233/87, 328/91, 370/97, 371/97, 372/97 and 373/97

## 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

### 2.1 Prohibitions

Scientific Name	Common Name	Plant Part Prohibited
	Soil	All

### 2.2 Import Permits

2.2.1 Import permit state the phytosanitary requirements for importation

2.2.2 Import permit are required for:

- Fresh fruit and vegetables
- Dried fruit and vegetables
- Fresh cut flowers and foliage
- Dried cut flowers and foliage
- Nursery stock
- Seed for sowing, consumption and processing
- Growing media
- Packing material

2.2.3 Import permit are not required for:

- Frozen fruit and vegetables

2.2.4 Import permits and conditions of import may be requested from:

Departamento de Cuarentena  
Ing. Agr. Cristina Manovsky  
Avda. Millan 4703 - Montevideo  
URUGUAY  
Telephone: (5982) 309 8720  
Facsimile: (5982) 309 8720 ext. 226

Email [dgsa@chasque.apc.org](mailto:dgsa@chasque.apc.org)

Website [www.chasque.apc.org/dgsa](http://www.chasque.apc.org/dgsa)

- 2.2.5 Please note conditions of import or additional declarations identified upon import permits received from Uruguay 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 EPS, please contact Plant Exports, refer Section 1.1

### **2.3 Phytosanitary Certificates**

Phytosanitary certificates are required for the importation of all commodity classes with the exception of frozen fruit and vegetables

### **2.4 Quarantine Pests**

For a list of quarantine pests see Appendix 1. The scientific name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>). Please note that the scientific name remains the definitive name. In addition, MPI will also include synonyms specified by the importing country for use on additional declarations.

Quarantine pests for Uruguay include organisms specified in Appendix 1 of this ICPR, additional declarations and/or import permit.

### **2.5 Inspection on Arrival**

All consignments will be inspected upon arrival

### **2.6 Sampling Rate**

Rate dependent upon commodity type. Sampling rates not specified by Uruguay



## **2.7 Ports of Entry**

Commodities are not restricted entry via specific ports

## **2.8 Transit Requirements**

Product transiting a third country en route to Uruguay must be packaged in a manner, which will prevent contamination of the consignment by pests and diseases during transit. The consignment must not be broken down or repacked during transit.

Product transiting Uruguay en route to its final destination must be packaged and transported in a manner, which will prevent the introduction of pests and diseases during transit. The consignment must not be broken down or repacked during transit.

## **3 Commodity Class Requirements**

### **3.1 Fruit and Vegetables**

#### **3.1.1 Fresh Fruit and Vegetables**

Conditions:

Import permit required. Phytosanitary certificate required.

#### **3.1.2 Dried Fruit and Vegetables**

Conditions:

Import permit required. Phytosanitary certificate required.

#### **3.1.3 Frozen Fruit and Vegetables**

Conditions:

Import permit not required. Phytosanitary certificate required.

### **3.2 Cut Flowers and Foliage**

#### **3.2.1 Fresh Cut Flowers and Foliage**

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required.

#### **3.2.2 Dried Cut Flowers and Foliage**

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required.

### **3.3 Nursery Stock**

#### **3.3.1 Whole Plants**

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required. Post entry quarantine may be required.

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

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required. . Post entry quarantine may be required.

#### **3.3.3 Bud wood and Cuttings**

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required. Post entry quarantine may be required.

### **3.4 Seeds and Grain**

#### **3.4.1 Seed and Grain for Sowing**

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required. Post entry quarantine may be required. ISTA certificate may be required.

#### **3.4.2 Seed and Grain for Consumption**

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required.

#### **3.4.3 Seed and Grain for Processing**

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required.

### **3.5 Growing Media**

Conditions:

Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required.

### **3.6 Packing Material**

Conditions:

Import permit required. Phytosanitary certificate required. Hay, chaff, grain

husks and leaves are not permitted to be used as packing materials.

### **3.7 Miscellaneous Items**

Conditions:

Micro-organisms, pollen, scientific samples of plants, 'biological agents' and similar items. Import permit required. Phytosanitary certificate required. Additional declaration and treatment may be required. Post entry quarantine may be required.

## **4 Commodity Specific Requirements**

### **4.1 Fruit and Vegetables**

#### **4.1.1 Fresh Fruit and Vegetables**

Conditions:

Refer Section 3.1.1

#### **4.1.2 Dried Fruit and Vegetables**

Conditions:

Refer Section 3.1.2

#### **4.1.3 Frozen Fruit and Vegetables**

Conditions:

Refer Section 3.1.3

### **4.2 Cut Flowers and Foliage**

#### **4.2.1 Fresh Cut Flowers and Foliage**

Conditions:

Refer Section 3.2.1

#### **4.2.2 Dried Cut Flowers and Foliage**

Conditions:

Refer Section 3.2.2

### **4.3 Nursery Stock**

Conditions:

Refer Section 3.3

### **4.4 Seed and Grains**

#### **4.4.1 Seed and Grain for Sowing**

Conditions:

Refer Section 3.4.1

*Hordeum vulgare*

Barley

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. Phytosanitary certificate must state the AFIDI (import permit) number. Consignment is subject to inspection and analysis on arrival.

Additional declaration:

"The seed cultivation was officially inspected during one complete growth cycle and found free of Barley stripe mosaic virus"

or

"The consignment is free from Barley stripe mosaic virus as per the results of official laboratory analysis"

And

"The seed cultivation was officially inspected during one complete growth cycle and found free of *Anguina agrostis*, *Anguina tritici*, *Cirsium arvense* and *Euphorbia esula*"

or

"The consignment is free from of *Anguina agrostis*, *Anguina tritici*, *Cirsium arvense* and *Euphorbia esula* as per the results of official laboratory analysis"

And

"The seed cultivation was carried out in an area in which *Striga* spp. is not present"

or

"The seed cultivation was officially inspected during one growth cycle and found free from *Striga* spp."

Lolium spp.

Rye grass

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. Phytosanitary certificate must state the AFIDI (import permit) number. Consignment is subject to inspection and analysis on arrival.

Additional declaration:

"This seed was cultivated in New Zealand where *Tilletia controversa* is not known to occur"

or

"The plants from which this seed was derived was inspected throughout the growing season and were found free of *Tilletia controversa*"

Lotus spp.

Lotus

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. Phytosanitary certificate must state the AFIDI (import permit) number. Consignment is subject to inspection and analysis on arrival.

Additional declaration:

"The seed bed was officially inspected during the last 2 cycles of growth and found to be free from *Ditylenchus dipsaci*"

or

"The seed was found free of *Ditylenchus dipsaci* by laboratory analysis"

and

"*Trogoderma granarium* is not known to occur in New Zealand"

and

The seed was grown in an area free of *Orobanche* spp.

or

The seed bed was officially inspected during the last two cycles of growth and found to be free of *Orobanche* spp.

and either

"The seed was grown in an area free of *Cirsium arvense*, *Euphorbia esula*, *Hieracium pilosella* and *Clavibacter michiganensis* ssp. *insidiosus*"

or

"The seed bed was officially inspected during the last 2 cycles of growth and found to be free of *Cirsium arvense*, *Euphorbia esula*, *Hieracium pilosella* and *Clavibacter michiganensis* ssp. *insidiosus*"

or

"The seed was found to be free of *Cirsium arvense*, *Euphorbia esula*, *Hieracium pilosella* and *Clavibacter michiganensis* ssp. *insidiosus* by laboratory analysis"

Medicago sativa

Lucerne

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. Phytosanitary certificate must state the AFIDI (import permit) number. Consignment is subject to inspection and analysis on arrival.

Additional declaration:

"The seed bed is free from *Ditylenchus dipsaci*"

and

"*Trogoderma granarium* is not known to occur in New Zealand"

and either

"The seed bed was in an area free from *Clavibacter michiganensis* spp. *insidiosus*"

or

"The place of production is free from *Clavibacter michiganensis* spp. *insidiosus*"

or

"The seed bed was officially inspected during the last two plant cycles and found free of *Clavibacter michiganensis* spp. *insidiosus*"

Phaseolus vulgaris

Bean

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. Phytosanitary certificate must state the AFIDI (import permit) number. Consignment must be accompanied by ISTA Certificate of Analysis and is subject to inspection and analysis on arrival.

Additional declarations:

"*Trogoderma granarium* is not known to occur in New Zealand"

and either

"The product was cultivated in an area free from *Pseudomonas syringae* pv. *phaseolicola* and *Curtobacterium flaccumfaciens* pv. *flaccumfaciens*"

or

"The seed bed was officially inspected during one complete cycle of growth

and found free of *Pseudomonas syringae* pv. *phaseolicola* and *Curtobacterium flaccumfaciens* pv. *flaccumfaciens*"

Pisum spp.

Pea

Conditions:

Import permit required. Phytosanitary certificate required. Consignment is subject to inspection on arrival.

Trifolium spp.

Clover

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. Phytosanitary certificate must state the AFIDI (import permit) number. Consignment must be accompanied by ISTA Certificate of Analysis and is subject to inspection and analysis on arrival.

Additional declarations:

"The seed bed is free from *Ditylenchus dipsaci*"

and

"*Trogoderma granarium* is not known to occur in New Zealand"

and either

"The seed bed was in an area free from Tomato ringspot virus"

or

"The seed bed is free from Tomato ringspot virus"

and either

"The seed bed was in an area free from *Clavibacter michiganensis* spp. *insidiosus*"

Or

"The place of production is free from *Clavibacter michiganensis* spp. *insidiosus*"

or

"The seed bed was officially inspected during the last two plant cycles and found free of *Clavibacter michiganensis* spp. *insidiosus*"

#### **4.4.2 Seed and Grain for Consumption**

Conditions:

Refer Section 3.4.2

#### **4.4.3 Seed and Grain for Processing**

Conditions:

Refer Section 3.4.3

## Appendix 1. List of Quarantine Pests Notified by Uruguay

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Arachnids (mites and spiders)	Acarida	Eriophyidae	<i>Aceria oleae</i>	
		Tenuipalpidae	<i>Brevipalpus californicus</i> <i>Brevipalpus lewisi</i>	bunch mite citrus flat mite
Insects	Coleoptera (beetles and weevils)	Tetranychidae	<i>Eotetranychus carpini</i>	yellow mite
			<i>Oligonychus vitis</i>	table-grape red mite
			<i>Tetranychus pacificus</i>	Pacific mite
			<i>Tetranychus turkestanii</i>	strawberry spider mite
		Bostrichidae	<i>Apate monachus</i>	black borer
			<i>Heterobostrychus aequalis</i>	kapok borer
			<i>Prostephanus truncatus</i>	greater grain borer
		Cerambycidae	<i>Sinoxylon</i> spp.	
Bruchidae	<i>Bruchidius</i> spp.			
Cerambycidae	<i>Anoplophora</i> spp.			
	<i>Monochamus</i> spp.			
	<i>Saperda carcharias</i>	large poplar longhorn		
<i>Saperda populnea</i>	small poplar borer			

Source: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 8-12 August 2016

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Coleoptera	Chrysomelidae	<i>Cassida viridis</i>	green tortoise beetle
			<i>Chrysomela menthastri</i>	
			<i>Leptinotarsa decemlineata</i>	ten-lined potato beetle
		Curculionidae	<i>Aegorhinus superciliosus</i>	raspberry weevil
			<i>Anthonomus eugenii</i>	pepper weevil
			<i>Anthonomus grandis</i>	boll weevil
			<i>Anthonomus pomorum</i>	apple blossom weevil
			<i>Anthonomus pyri</i>	apple bud weevil
			<i>Anthonomus vestitus</i>	Peruvian cotton boll weevil
			<i>Brachycerus</i> spp.	
			<i>Conotrachelus nenuphar</i>	plum curculio
			<i>Cryptorhynchus lapathi</i>	poplar and willow borer
			<i>Curculio elephas</i>	chestnut weevil
			<i>Epicaerus cognatus</i>	Mexican potato weevil
<i>Hylobius abietis</i>	fir weevil			
<i>Hylobius pales</i>	pales weevil			

Source: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 8-12 August 2016



PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Coleoptera	Curculionidae	<i>Lixus angustatus</i> syn. <i>Lixomorphus algirus</i>	
			<i>Otiorhynchus cribricollis</i>	apple weevil
			<i>Otiorhynchus ovatus</i>	strawberry root weevil
			<i>Otiorhynchus rugosostriatus</i>	rough strawberry weevil
			<i>Otiorhynchus sulcatus</i>	black vine weevil
			<i>Premnotrypes</i> spp.	
		Dermestidae	<i>Trogoderma granarium</i>	grain trogoderma
			<i>Trogoderma variabile</i>	grain dermestid
		Scarabaeidae	<i>Maladera matrida</i>	
			<i>Popillia japonica</i>	Japanese beetle
		Scolytidae	<i>Dendroctonus</i> spp.	
			<i>Ips</i> spp.	
			<i>Pityogenes</i> spp.	
			<i>Scolytus</i> spp.	
			<i>Xyleborus obliquus</i>	
		Tortricidae	<i>Cryptophlebia leucotreta</i> syn. <i>Thaumatotibia leucotreta</i>	citrus codling moth

Source: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 8-12 August 2016

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Diptera (flies)	Agromyzidae	<i>Liriomyza trifolii</i>	American serpentine leaf miner
		Anthomyiidae	<i>Delia antiqua</i>	onion fly
		Cecidomyiidae	<i>Helicomyia saliciperda</i>	
			<i>Mayetiola destructor</i>	hessian fly
			<i>Rabdophaga saliciperda</i> syn. <i>Helicomyia saliciperda</i>	
		Tephritidae	<i>Anastrepha</i> spp. except <i>A. fraterculus</i>	
			<i>Bactrocera</i> spp.	
			<i>Ceratitis</i> spp. except <i>C. capitata</i>	
			<i>Dacus</i> spp.	
			<i>Rhagoletis</i> spp.	
			<i>Toxotrypana curvicauda</i>	
	Hemiptera (aphids, scale and other bugs)	Aleyrodidae	<i>Aleurocanthus spiniferus</i>	citrus mealywing
			<i>Aleurocanthus woglumi</i>	blue grey fly
		Aphrophoridae	<i>Philaenus spumarius</i>	common froghopper
Cicadellidae		<i>Homalodisca coagulata</i> syn. <i>Homalodisca vitripennis</i>	glassy-winged sharpshooter	

Source: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 8-12 August 2016

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Hemiptera	Coccidae	<i>Ceroplastes destructor</i>	citrus waxy scale
			<i>Ceroplastes japonicus</i>	tortoise wax scale
		Diaspididae	<i>Hemiberlesia cyanophylli</i> syn. <i>Abgrallaspis cyanophylli</i>	
			<i>Hemiberlesia lataniae</i>	latania scale
			<i>Parlatoria oleae</i>	olive parlatoria scale
		Flatidae	<i>Metcalfa pruinosa</i>	mealy flata
		Liviidae	<i>Euphyllura olivina</i>	olive psyllid
		Margarodidae	<i>Margarodes prieskaensis</i>	ground pearls
			<i>Margarodes vredendalensis</i>	ground pearls
		Miridae	<i>Adelphocoris lineolatus</i>	alfalfa bug
			<i>Lygus lineolaris</i>	American tarnished plant bug
			<i>Plagiognathus chrysanthemii</i>	
		Pseudococcidae	<i>Maconellicoccus hirsutus</i>	hibiscus mealybug
			<i>Planococcus lilacinus</i>	cacao mealybug
			<i>Pseudococcus calceolariae</i>	citrophilus mealybug

Source: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 8-12 August 2016

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Hymenoptera	Diprionidae	<i>Neodiprion sertifer</i> /spp.	fox-coloured sawfly
		Torymidae	<i>Megastigmus</i> spp.	
	Lepidoptera (butterflies and moths)	Arctiidae	<i>Hyphantria cunea</i>	American white moth
		Carposinidae	<i>Carposina niponensis</i> syn. <i>C. sasakii</i>	
		Cossidae	<i>Cossus cossus</i>	carpenter moth
			<i>Dyspepsa ulula</i>	garlic borer
			<i>Zeuzera pyrina</i>	leopard moth
		Crambidae	<i>Conogethes punctiferalis</i> syn. <i>Dichocrocis punctiferalis</i>	castor seed caterpillar
			<i>Leucinodes orbonalis</i>	eggplant fruit borer
			<i>Palpita vitrealis</i> syn. <i>Glyphodes unionalis</i>	
		Gelechiidae	<i>Anarsia lineatella</i>	peach twig borer
		Lymantriidae	<i>Lymantria dispar</i>	gypsy moth
	<i>Lymantria monacha</i>		black arches moth	
	Lyonetiidae	<i>Leucoptera malifoliella</i>	pear leaf blister moth	

Source: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 8-12 August 2016

PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Noctuidae	<i>Agrotis segetum</i>	common cutworm
			<i>Gortyna xanthenes</i> syn. <i>Hydraecia xanthenes</i>	artichoke moth
			<i>Helicoverpa armigera</i>	corn earworm
			<i>Spodoptera exigua</i>	beet armyworm
		Pyralidae	<i>Ostrinia nubilalis</i>	corn moth
		Sesiidae	<i>Paranthrene tabaniformis</i>	dusky clearwing
		Sphingidae	<i>Agrius convolvuli</i>	convolvulus hawk moth
		Tortricidae	<i>Archips</i> spp.	
			<i>Cydia</i> spp. except <i>C. molesta</i> , <i>C. pomonella</i>	
			<i>Grapholita</i> spp. except <i>G. molesta</i>	
			<i>Lobesia botrana</i>	grape berry moth
			<i>Platynota stultana</i>	omnivorous leaf roller
			<i>Rhyacionia</i> spp. except <i>R. buoliana</i>	
			<i>Thaumatotibia leucotreta</i> syn. <i>Cryptophlebia leucotreta</i>	citrus codling moth
<i>Thaumetopoea pityocampa</i>				
<i>Tortrix capensana</i>				

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Insects	Lepidoptera	Yponomeutidae	<i>Prays citri</i>	citrus flower moth
			<i>Prays oleae</i>	olive kernel borer
	Thysanoptera	Thripidae	<i>Heliethrips sylvanus</i>	
			<i>Thrips australis</i>	eucalyptus thrips
			<i>Thrips palmi</i>	oriental thrips
Nematodes (roundworms)	Tylenchida	Anguinidae	<i>Anguina agrostis</i>	bent-grass nematode
			<i>Anguina tritici</i>	bunted wheat
			<i>Ditylenchus angustus</i>	akhet-pet
			<i>Ditylenchus destructor</i>	potato root nematode
			<i>Ditylenchus dipsaci</i>	bloat disease of onion
		Aphelenchoididae	<i>Aphelenchoides besseyi</i>	rice leaf nematode
			<i>Bursaphelenchus xylophilus</i>	pine wilt disease
		Heteroderidae	<i>Globodera pallida</i>	pale potato cyst nematode
			<i>Globodera rostochiensis</i>	golden nematode
			<i>Heterodera glycines</i>	soybean cyst nematode
		Longidoridae	<i>Xiphinema californicum</i>	
			<i>Xiphinema diversicaudatum</i>	
			<i>Xiphinema italiae</i>	

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Nematodes (roundworms)	Tylenchida	Meloidogyne	<i>Meloidogyne chitwoodi</i>	Columbia root-knot nematode
			<i>Meloidogyne fallax</i>	false Columbia root-knot nematode
		Pratylenchidae	<i>Nacobbus aberrans</i>	false root-knot nematode
			<i>Pratylenchus coffeae</i>	banana root nematode
			<i>Pratylenchus fallax</i>	
			<i>Pratylenchus scribneri</i>	
			<i>Pratylenchus vulnus</i>	walnut root-lesion nematode
			<i>Radopholus citrophilus</i>	citrus burrowing nematode
		<i>Radopholus similis</i>	banana root nematode	
Tylenchulidae	<i>Tylenchulus semipenetrans</i>	citrus nematode		
Bacterial diseases	Acholeplasmatales	Acholeplasmataceae	<i>Phytoplasma</i>	Apple proliferation MLO syn. <i>Phytoplasma mali</i>
				Grapevine flavescence doree phytoplasma
				Peach rosette phytoplasma
				Peach X disease phytoplasma
				Peach yellows phytoplasma

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Bacterial diseases	Acholeplasmatales	Acholeplasmataceae	<i>Phytoplasma</i>	Pear declinephytoplasma syn. <i>Candidatus phytoplasma pyri</i>
			<i>Phytoplasma</i>	Potato witches' broom phytoplasma syn. <i>Phytoplasma trifolii</i>
	Actinomycetales	Microbacteriaceae	<i>Clavibacter michiganensis sub sp. insidiosus</i>	
			<i>Clavibacter michiganensis sub sp. sepedonicus</i>	
			<i>Curtobacterium flaccumfaciens pv. flaccumfaciens</i>	
	Burkholderiales	Burkholderiaceae	<i>Ralstonia</i>	<i>Ralstonia solanacearum race 1 syn. Pseudomonas solanacearum</i>
	Bacterial diseases	Burkholderiales	Unassigned	<i>Xylophilus</i>
Enterobacteriales		Enterobacteriaceae	<i>Erwinia amylovora</i>	fireblight
			<i>Erwinia salicis syn. Brenneria salicis</i>	
		<i>Erwinia stewartii syn. Pantoea stewartii sub sp. stewartii</i>		

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME	
Bacterial diseases	Entomoplasmatales	Spiroplasmataceae	<i>Spiroplasma</i>	<i>Spiroplasma citri</i>	
	Pseudomonadales	Pseudomonadaceae	<i>Pseudomonas savastanoi</i> pv. <i>phaseolicola</i>		
	Unassigned	Unassigned	Unassigned		Apple chat fruit phytoplasma
			Unassigned		Apple rubbery wood MLO
	Xanthomonadales	Xanthomonadaceae	<i>Xanthomonas</i>		<i>Aplanobacter populi</i>
			<i>Xanthomonas</i>		<i>Xanthomonas axonopodis</i> pv. <i>citri</i> biotype A - syn. <i>Xanthomonas</i> <i>campestris</i> pv. <i>citri</i>
			<i>Xanthomonas</i>		<i>Xanthomonas axonopodis</i> pv. <i>citri</i> type B,C,E syn. ( <i>Xanthomonas campestris</i> pv. <i>citri</i> )
			<i>Xanthomonas</i>		<i>Xanthomonas campestris</i> pv. <i>oryzae</i>
			<i>Xanthomonas</i>		<i>Xanthomonas campestris</i> pv. <i>oryzicola</i>
			<i>Xanthomonas</i>		<i>Xanthomonas populi</i>
		<i>Xylella</i>		<i>Xylella fastidiosa</i>	
Fungal diseases	Botryosphaeriales	Phyllostictaceae	<i>Phyllosticta solitaria</i>	blotch of apple	
	Capnodiales	Mycosphaerellaceae	<i>Cercoseptoria pinidensiflorae</i> syn. <i>Mycosphaerella gibsonii</i>	brown needle blight of pine	
			<i>Cercospora loti</i>		
			<i>Mycosphaerella dearnessii</i> syn. <i>Scirrhia acicola</i>	brown spot of pine	

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Fungal diseases	Chytridiales	Synchytriaceae	<i>Synchytrium endobioticum</i>	black scab of potato
	Diaporthales	Cryphonectriaceae	<i>Cryphonectria parasitica</i>	blight of chestnut
		Diaporthaceae	<i>Phomopsis vaccinii</i> syn. <i>Diaporthe vaccinii</i>	blight of blueberry
		Valsaceae	<i>Valsa ceratophora</i> syn. <i>Cytospora sacculus</i>	
	Helotiales	Dermateaceae	<i>Drepanopeziza populorum</i> syn. <i>Marssonina populi</i>	
			<i>Marssonina populi</i> syn. <i>Drepanopeziza populorum</i>	
		Sclerotiniaceae	<i>Monilinia vaccinii-corymbosi</i>	mummy disease of blueberry
	Hypocreales	Nectriaceae	<i>Gibberella circinata</i> syn. <i>Fusarium circinatum</i>	pitch canker of pine
	Myriangiales	Elsinoaceae	<i>Sphaceloma fawcettii</i> var. <i>scabiosa</i>	Australian scab of citrus
	Peronosporales	Peronosporaceae	<i>Phytophthora boehmeriae</i>	boll rot of cotton
<i>Phytophthora erythroseptica</i> var. <i>erythroseptica</i>			pink rot of potato	
<i>Phytophthora fragariae</i>			lanarkshire disease of strawberry	

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PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Fungal diseases	Pezizales	Rhiziniaceae	<i>Phymatotrichopsis omnivora</i>	phymatotrichum root rot
	Plasmodiophoraceae	Plasmodiophoraceae	<i>Spongospora subterranea</i>	corky scab of potato
	Pleosporales	Coniothyriaceae	<i>Dactuliochaeta glycines</i> syn. <i>Pyrenochaeta glycines</i>	leaf spot of soybean
		Didymellaceae	<i>Phoma exigua</i> var. <i>foveata</i> syn. <i>Boeremia foveata</i>	gangrene of potato
		Leptosphaeriaceae	<i>Phoma tracheiphila</i> syn. <i>Plenodomus tracheiphilus</i>	dieback of citrus
		Pleosporaceae	<i>Alternaria limicola</i>	leaf spot of citrus
			<i>Cochliobolus intermedius</i> syn. <i>Curvularia intermedia</i>	
	Venturiaceae	<i>Apiosporina morbosa</i>	black knot of cherry	
	Pucciniales	Cronartiaceae	<i>Cronartium</i> spp.	
			<i>Peridermium</i> spp.	
Pucciniaceae		<i>Gymnosporangium</i> spp.		
PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Fungal diseases	Pythiales	Pythiaceae	<i>Pythium vexans</i>	damping-off
	Russulales	Bondarzewiaceae	<i>Heterobasidion annosum</i>	butt rot of conifers
	Tilletiales	Tilletiaceae	<i>Tilletia indica</i> syn. <i>Neovossia indica</i>	Indian bunt of wheat
	Unassigned	Unassigned	<i>Polyscytalum pustulans</i>	skin spot of potato
	Ustilaginales	Glomosporiaceae	<i>Thecaphora solani</i>	smut of potato

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME	
Viral diseases	Picornvirales	Secoviridae	<i>Comovirus</i>	Andean potato mottle virus	
				Bean pod mottle virus (BPMV)	
			<i>Fabavirus</i>	Artichoke French latent virus	
			<i>Nepovirus</i>	Blueberry leaf mottle virus (BLMV)	
	Tymovirales	Betaflexiviridae	<i>Nepovirus</i>	Tomato ringspot virus	
			<i>Capillovirus</i>	Citrus tatter leaf virus	
			<i>Carlavirus</i>	Cowpea mild mottle virus (CMMV)	
			<i>Vitivirus</i>	Grapevine A vitivirus (GVA)	
	Unassigned	Closteroviridae		Grapevine B vitivirus (GVB)	
			<i>Ampelovirus</i>	Grapevine leafroll-associated virus 1	
			<i>Closterovirus</i>	Citrus tristeza virus	
				Grapevine leafroll-associated virus 2	
		Pospiviroidae	Pospiviroidae		Grapevine rugose wood complex disease
				<i>Pospiviroid</i>	Potato spindle tuber viroid (Tomato bunchy top viroid)
Potyviridae	Potyviridae	<i>Macluravirus</i>	Artichoke latent virus		

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Potyviridae	<i>Potyvirus</i>	Peanut stripe virus syn. Bean common mosaic virus
				Plum pox virus
		Unassigned	<i>Sobemovirus</i>	Southern bean mosaic virus (SBMV)
				Citrus impietratura disease
				Curly dwarf
		Virgaviridae	<i>Pomovirus</i>	Impietratura virus
Potato mop top virus				
PEST TYPE	ORDER NAME	FAMILY NAME	SPECIES AND GENUS NAME	COMMON NAME
Weeds	Asterales	Asteraceae	<i>Cirsium arvense</i>	creeping thistle
			<i>Hieracium pilosella</i> syn. <i>Pilosella officinarum</i>	mouse-ear hawkweed
	Brassicales	Brassicaceae	<i>Lepidium draba</i> syn. <i>Cardaria draba</i>	common whitetop
			<i>Thlaspi arvense</i>	fanweed
	Caryophyllales	Polygonaceae	<i>Emex australis</i>	doublegee
	Lamiales	Lamiaceae	<i>Orobanche</i> spp.	
		Orobanchaceae	<i>Striga</i> spp.	
Malpighiales	Euphorbiaceae	<i>Euphorbia esula</i>	leafy spurge	
Poales	Poaceae	<i>Lolium rigidum</i>	rigid ryegrass	

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