MINISTRY FOR PRIMARY INDUSTRIES

IMPORTING COUNTRY PHYTOSANITARY REQUIREMENTS

REPUBLIC OF KOREA

Status: Approved

Date: 20 August 2003

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:
78	5 June 2025	Added new sections '3.3.4 Tissue Culture' and '4.3.2 Tissue Culture' for *Actinidia* spp and *Vaccinium* spp. Added conditions for export of *Vaccinium* spp in accordance with the MPI Phytosanitary Official Assurance Programme for the Export of Blueberries to the Republic of Korea to section 4.1.1 Added living and fresh underground parts of *Capsicum annuum* and *Solanum lycopersicum* to Table 1. List of prohibited commodities into the Republic of Korea Updated Appendix 1 Quarantine pest List, 98 Species added, 11 species removed, 1 species name changed.	HVC/SM
77	14 January 2025	Added *Aphelenchus avenae* to Appendix 1 Quarantine Pest List. Added prohibition for living and fresh underground parts of *Allamanda* spp. under section 2.1 Prohibitions.	VC
76	11 June 2024	Added additional declaration for *Citrus limon* under section 4.1.1	JR

75	23 February 2024	Added prohibitions for living and fresh underground parts of *Callopsis volkensii* and *Chlorospatha* spp., fresh *Zea mays*, and amended scientific name (typos) for *Ctenanthe* spp., and *Litchi chinensis* under section 2.1 Prohibtions. Removed individual species prohibitions covered by Solanaceae, noting the exception for *Solanum tuberosum* produced following the Official Assurance Programme under section 2.1 Prohibitions. Added note to refer to section 4 under section 3.4.2 Seed (grain) and Nuts for Consumption and under section 3.4.3 Seed (grain) and Nuts for Processing. Updated conditions for *Zea mays* under section 4.4.1 Seeds and Grain for Sowing. Added section 4.4.2 Seed (grain) and Nuts for Consumption and section 4.4.3 Seed (grain) and Nuts for Processing. Added conditions for *Zea mays* under section 4.4.2 Seed (grain) and Nuts for Consumption and 4.4.3 Seed (grain) and Nuts for Processing.	AS
74	10 January 2024	Clarified requirements for: 3.4.2 Seed (grain) and Nuts for Consumption And 3.4.3 Seed (grain) and Nuts for Processing	MW
73	5 January 2024	Added requirement for *Zea mays* under section 4.4.1 Seeds and Grains for Sowing. Amended scientific name (typo) for *Cnephasia jactatana*, *Eucolaspis brunnea* and *Pyrgotis plagiatana* under Appendix 1 Quarantine Pest List.	AS
72	10 November 2023	Updated Appendix 1: Quarantine Pest List. 23 species added	MM
71	25 August 2023	Section 2.1 Addition to list of prohibited commodities into Korea: *Chamaedorea spp* living and fresh underground parts.	JR
70	8 August 2023	Section 2.1 Addition to list of prohibited commodities into Korea: *Amydrium zippelianum* living and fresh underground parts. Amended typo for packaging under section 2.5 Wood Packaging.	AS

		Amended scentific name (typo) for *Sorghum Sudanense* under section 4.4.1 Seeds, Grains and Nuts for Sowing.	
69	15 May 2023	Added tree fern substrate under section 3.5 'Growing Media' and *Dicksonia fibrosa* under section 4.5 'Growing Media'	HVC
68	10 March 2023	Updated Appendix 1 Quarantine pest List, 26 Species added, 6 species removed	HC
67	14 July 2022	Updated Appendix 1. Quarantine Pest List, 17 species added, 2 species removed.	JR
66	17 January 2022	Updated section 2.1 Prohibitions. Updated section 4.1.1 Fresh Fruit and Vegetables to include *Alpinia* spp. (excluding *A. nutans, A. zerumbet* and *A. purpurata*).	MLM
65	25 May 2021	Updated section 2.1 Prohibitions. Updated Appendix 1. Quarantine Pest List, 49 species added, 14 species removed.	MLM
64	22 September 2020	Updated Appendix 1. Quarantine Pest List.	MLM
63	17 September 2020	Added note to sections 3.3 Nursery Stock to include contact details for Plant Exports for requesting information on restricted species. Updated Appendix 1. Quarantine Pest List as notified by Korea to include *Xylella fastidiosa*.	MLM
62	24 June 2020	Updated section 2.1 Prohibitions and Appendix 1. Quarantine Pest List as notified by Korea.	FA
61	1 May 2020	Removed requirement to contact an IVA for additional requirements, for fruit fly host material in sections 3.1.1 and 4.1.1 Fresh Fruit and Vegetables.	SH
60	16 April 2020	Updated section 2.1 Prohibitions and Appendix 1. Quarantine Pest List as a result of emergency measures notified by Korea.	GF
59	25 March 2020	Updated Appendix 1. Quarantine Pest List.	GF

58	11 February 2020	*Bactrocera tryoni* (Queensland fruit fly) requirements amended in sections 3.1.1 and 4.1.1. Advised to contact an IVA for additional requirements.	SH
57	01 February 2020	Removed fruit fly additional declarations from sections 3.1.1 and 4.1.1. Updated section 4.3.1 and Quarantine Pest List.	GF/SR
56	21 October 2019	Addition of *Eremnus chevrolati* to Quarantine Pest List. Amendment to section 2.1 to specify fresh underground parts *Daucus carota* for propagation.	GF
55	10 October 2019	Added note to section 3.3.2 to include contact details for requesting information on restricted species. Added to section 2.1 (Table 1) to include fresh underground parts for *Daucus carota* (carrot) and *Pyrus spp.* (Pear). Quarantine pest list updated.	GF
54	12 September 2019	Updated section 4.1.1 to include the fruit fly additional declaration for cherries and persimmons.	GF/SH
53	9 May 2019	Updated quarantine pest list in Appendix 1.	HC
52	15 March 2019	Format correction general requirements for fresh fruit and vegetables in section 3.1.1.	SH
51	6 March 2019	Updated general requirements for fresh fruit in section 3.1.1 and commodity specific requirements for fresh fruit in section 4.1.1 to include additional declaration for fruit fly.	SH
50	10 January 2019	Updated prohibitions table in section 2.1. Added link to Cherries to Korea Official Assurance programme in section 4.1.1 Updated quarantine pest list in Appendix 1.	SH
49	28 August 2018	Updated Table 1. List of prohibited commodities into Korea by adding fresh leaves, stems and seedlings of carrot, parsley and parsnip. Updated the requirements of carrot, celery and parsley seeds for sowing, section 4.4.1 effective 28 August 2018 until further notice.	GF/JR
48	25 July 2018	Added *Citrus meyeri* to prohibitions list in section 2.1 and as a note under *Citrus limon* in section 4.1.1.	SH

47	14 May 2018	Updated Appendix 1. Quarantine Pest list to include 22 new pests.	SH
46.	1 August 2017	Added statements in section 2.4 and 3.1.3 clarifying the requirements for processed frozen vegetables. Added statement to section 4.1.1 clarifying that Solanaceae is prohibited except for *Solanum tuberosum* produced in accordance with the MPI Phytosanitary Official Assurance Programme for Potato Cyst Nematode and Potato Wart.	HK
45	12 December 2016	Added new section entitled Fees and charges and table title number for the prohibited commodities into Korea, section 2.1 Removed Maximum Pest List, section 2.5. MPL is covered in the MPI Certification Standard and is not within the scope of the ICPR. Updated the disclaimer and general information section 1; quarantine pests requirements, section 2.4; and the link under the Wood Packaging, Section 2.5; Reformatted the presentation of Quarantine pest list by providing the pest type, order, family, common names and synonyms; and corrected misspelt scientific names, Appendix 1. Reformatted the presentation of the amendment record starting from the most recent record of amendments	GF
44	1 February 2016	Corrected the removal of the Additional Declaration for codling moth and shothole disease section 4.1.1.for cherries. Corrected the removal of Additional Declaration for squash, lemon and orange section 4.4.1	JN
43	29 January 2016	Korean authorities have confirmed they have accepted our declaration of fruit fly eradication. Therefore the additional requirements for Queensland Fruit fly in Section 3.1.1 have been removed from the ICPR and are no longer required.	JN
42	27 January 2016	Removal of the sentence “Refer to MPI prior to export.” Section 4.1.1 Commodity Specific Requirements of Prunus avium (cherry) to Korea.	GF
41	10 December 2015	Updated section 4.1.1, fresh fruit and vegetables to include *Asparagus officinalis.*	JN

40	2 April 2015	Added import conditions for *Brassica oleracea* section 4.1.1.	JN
39	16 March 2015	Added additional declaration for all Queensland fruit fly host material section 3.1.1 and 4.1.1	JN
38	4 March 2015	Added statement to contact an IVA for current requirements for exporting Queensland fruit fly host material, section 3.1.1 and 4.1.1	VK
37	2 February 2015	Updated quarantine pest list and combined the two lists into one, section 2.4. Additional requirement for kiwifruit pollen, section 4.3.1.	SM
36	2 June 2014	Corrected requirements for *Prunus persica* (peach) in section 4.1.1	JN
35	20 June 2014	Inclusion of phytosanitary requirements for *Allium cepa* (onion) and *Citrus reticulata* (mandarin) and *Prunus persica* (peach) section 4.1.1 Inclusion of prohibited species *Capsicum annuum (*capsicum*), Malus domestic (*apple*)* and *Pyrus spp* (pear), section 4.1.1	JN
34	1 May 2014	Removal of the requirement for the 'issuance date' to be prior to the date of departure and the 'on-board date' listed on the bill of lading, section 2.3	SM
33	22 April 2014	The 'inspection date' additional declaration is no longer required, however it is mandatory for the 'inspection date' field to be completed on all phytosanitary certificates, section 2.3. The 'issuance date' must be prior to the date of departure and the 'on-board date' listed on the bill of lading, section 2.3. Additional section for wood packaging, section 2.6.	SM
32	31 January 2014	Changed wording of additional declaration required for all commodities, section 2.3.	SM
31	2 December 2013	Added *Brassica oleracea gongylodes* to section 4.1.1. Additional sentence, to clarify scope, added to section 1.2. Changed heading of section 2.5 to MPI specified Maximum Pest limits (MPL).	JN

30	30 August 2013	Removal of Solanum tuberosum from 'Prohibitions' table and addition to section 4.1.1.	SM
29	24 May 2012	Addition of *Actinidia* pollen to Section 4.3.1 Amended Korea's contact details Section 2.2 Whole document changed Ministry of Agriculture and Forestry to Ministry for Primary Industries, New Zealand.	CB
28	28 October 2011	Updated Section 4.5 Complete Korean managed pest list	VK
27	16 August 2011	Updated Section 4.3.1 Import requirements for *Rosa* spp.	CB
26	26 May 2011	Amended Section 2.3, and Section 3 Phytosanitary Certificate. Inserted the import requirements for *Rosa* spp. budwood.	CB
25	8 April 2011	Amended Section 2.3 Phytosanitary Certificates	CB
24	17 February 2011	Amended Section 2.3 Phytosanitary Certificates	VK
23	17 November 2010	Addition of Quarantine pest Xanthomonas axonopodis pv. aurantifolii. Section 2.4	VK
22	30 June 2010	Broken link fixed in contact details for Korea quarantine authority;. http://www.npqs.go.kr/homepage/english/	GI
21	8 September 2009	Addition of 39 new quarantine pest species	GI
20.	24 March 2009	Addition of new prohibited items; true potato seed and tomato seed	GI
19	13 January 2009	Update Sec. 4.1.1 re access for kiwiberry	JW
18	4 December 2008 9 December 2008	Update Sec. 2.4 and Sec. 4.5 addition of new managed pests Update Sec. 4.1.1 re access for kiwiberry	SW/BM BM
17	11 March 2008	Commodity Class requirements for fresh fruit and vegetables amended (S.3.1.1). Commodity Specific requirements for fresh fruit and vegetables – kiwiberry added (S.4.1.1).	IV
16	25 October 2007	Amendment of Summary of Quarantine pests list (List 1), section 2.4; Amendment of	IV

		complete Quarantine pests list. (Appendix 1).	
15	23 March 2007	Amendment of MPI contact details Section 1.1	SW
14	20 November 2006	Update of Secs 2.4 and 4.5: Quarantine pest lists	SW
13	2 August 2006	Addition of *A. chinensis* to Section 4.1.1.	WJH
12	20 July 2006	Amendment of Biosecurity New Zealand contact details, refer Section 1.1. Addition of *Daucus carota* as a permitted commodity for export to Korea, refer Section 4.1.1. Amendment of quarantine pest list, refer Section 2.4.	WJH
11	20 February 2005	Correction of typographical error within AD for fresh cherry, Section 4.1.1	WJH
10	3 February 2005	Amendment of MPI contact details Section 1.1 and 1.2. Minor reformatting of document.	WJH
9	9 August 2004	Addition of the following organisms to the quarantine pest list *Acyrthosiphon lactucae*, *Aleurodicus dugesii*, *Bradysia yangi*, *Carpophilus pilosellus*, *Chlorophorus strobilicoloa*, *Frankliniella kelliae*, *Meloidogyne mayaguensis*, *Phloeosinus cupressi*, *Phytophthora ramorum*, *Phytoplasma australiense*, *Puccinia psidii*, *Trionymus lumpurensis*, Carrot red leaf virus, Peanut clump virus, Pepino mosaic virus, Squash mosaic virus, Tomato yellow leaf curl virus, Wheat streak mosaic virus, White clover mosaic virus. Reformatting of the quarantine pest list, refer Section 2.4. Removal of invalid URLs from Section 2.3.	WJH
8	16 April 2004	Removal of *Verticillium tenerum* as a quarantine pest, refer Section 2.4	WJH
7	20 August 2003	Reissue of ICPR	SJW
6	26 June 2003	Reissue of ICPR	WJH
5	14 February 2003	Renaming and reformatting of standard. Amendment to Section 2.1 re MPLs.	WJH
4	27 May 2002	Inclusion of additional declaration requirements for Frozen Fruits and Vegetables.	WJH
3	14 December 2001	Amendment to Section "Phytosanitary Certificates (General Requirements)" – new additional declaration required to be	WJH

		endorsed upon ALL phytosanitary certificates	
2	28 June 1999	Removal of cherry prohibition, change of AD for pea and soybean, reformatting for website.	SCO
1	28 October 1998	Addition of cover page and disclaimer statement	SCO

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.

This information is provided strictly on the basis that the Crown, the Ministry for Primary Industries, its statutory officers, employees, agents and all other persons responsible for or associated with the compilation, writing, editing, approval or publication of the information:

1. disclaim any and all responsibility for any inaccuracy, error, omission, lateness, or any other kind of inadequacy, deficiency or flaw in, or in relation to, the information

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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.

Table of Contents

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 ICPR email Plant Exports Team:

plantexports@mpi.govt.nz

Please state the nature of your enquiry in the subject line e.g Korea 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 Phytosanitary Requirements (ICPR) apply to product of New Zealand only, unless specifically stated.

This ICPR specifies the Republic of Korea's phytosanitary requirements. If a commodity or commodity group is not identified within this ICPR exporters should contact:

- The Republic of Korea directly to ascertain requirements

  or

- Ministry for Primary Industries New Zealand (MPI)-Plant Exports

1.3 Phytosanitary Legislation

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

Plant Protection Act

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

The commodities identified in Table 1 below are prohibited entry into the Republic of Korea.

Table 1. List of prohibited commodities into the Republic of Korea

Scientific Name	**Common Name**	**Plant Part Prohibited**
	Soil	All, including plants that soil is attached to
	Fresh fruits (including vegetable fruits)	**Refer to Section 4 for exceptions to prohibition**
Abelmoschus esculentus	Okra	Living and fresh underground parts
Agathis dammara		Living and fresh underground parts
Agropyron spp.	Wheat grass	Stems, leaves and processed goods
Allamanda spp.		Living and fresh underground parts
Allium tuberosum	Chinese chives	Living and fresh underground parts
Alpinia spp.		Living and fresh underground parts **Note:** For fresh underground parts of *Alpinia* spp. (excluding *A. nutans, A. zerumbet* and *A. purpurata*) for human consumption only, please refer to section 4.1.1.
Amydrium zippelianum		Living and fresh underground parts
Ananas comosus	Pineapple	Living and fresh underground parts
Anthurium spp.		Cuttings, scions and living underground parts
Anubias spp.		Whole plants including leaves and stems
Arachis hypogaea (excluding shelled peanut seeds)	Peanut	Living and fresh underground parts
Areca catechu	Betel nut palm	Living and fresh underground parts
Beta spp.		Living and fresh underground parts
Bucephalandra spp.		Whole plants including leaves and stems
Calathea spp.		Living and fresh underground parts
Callopsis volkensii		Living and fresh underground parts
Calystegia spp.	Bindweed	Vines, stems, and fresh underground parts
Camellia sinensis	Tea plant	Living and fresh underground parts
Canna spp.		Living and fresh underground parts
Capsicum annuum	Capsicum	Living and fresh underground parts
Cercestis mirabilis		Living and fresh underground parts

Scientific Name	Common Name	Plant Part Prohibited
Chamaedorea spp.		Living and fresh underground parts
Chlorospatha spp.		Living and fresh underground parts
Citrullus lanatus	Watermelon	Living and fresh underground parts
Citrus meyeri		Fresh fruit
Cocos nucifera	Coconut palm	Living and fresh underground parts
Coffea spp.	Coffee	Living and fresh underground parts
Ctenanthe spp.		Living and fresh underground parts
Cucurbita spp.	Pumpkin	Living and fresh underground parts
Cucurbitaceae	Melon	Living and fresh underground parts
Curcuma longa	Tumeric	Living and fresh underground parts
Cyperus spp.		Whole plants including leaves and stems
Daucus carota	Carrot	Fresh leaves, stems, seedlings, living and fresh underground parts for propagation
Dioscorea spp.	Yam	Vines, stems, living and fresh underground parts
Epipremnum spp.		Living and fresh underground parts
Fabaceae	Beans	Fresh vegetable
Ficus benjamina		Living and fresh underground parts
Gardenia spp.		Living and fresh underground parts
Glycine max	Soybean	Living and fresh underground parts
Heliconia spp.		Living and fresh underground parts
Homalomena spp.		Living and fresh underground parts
Hordeum spp.	Barley	Stems, leaves and processed goods
Indigogera hirsuta	Hairy indigo	Living and fresh underground parts
Ipomoea spp.	Sweet potato	Vines, stems, living and fresh underground parts
Jasminum spp.		Living and fresh underground parts
Johannesteijsmannia spp.		Living and fresh underground parts
Juglans spp.	Walnut	Fruit and kernel
Licuala spp.		Living and fresh underground parts
Litchi chinensis		Living and fresh underground parts
Livistonia spp.		Living and fresh underground parts
Solanum lycopersicum	Tomato	Living and fresh underground parts
Malaceae		Plants for planting (excluding seeds), including scions and cuttings and fresh fruits
Manihot spp.	Cassava	Vines, stems, and fresh underground parts
Maranta spp.		Living and fresh underground parts

Scientific Name	Common Name	Plant Part Prohibited
Medicago sativa	Alfalfa	Living and fresh underground parts
Momordica charantia	Bitter gourd	Living and fresh underground parts
Monstera spp.		Living and fresh underground parts and cuttings and scions.
Musa spp.		Living and fresh underground parts
Oryza spp.	Rice	Unhulled, chaff, rice straw, and processed rice (except hulled rice)
Pastinaca sativa	Parsnip	Fresh leaves, stems and seedlings
Persea americana	Avocado	Living and fresh underground parts
Persea spp.		Living and fresh underground parts
Petroselinum crispum	Parsley	Fresh leaves, stems and seedlings
Pharbitis spp.	Japanese morning glory	Vines, stems, and fresh underground parts
Phaseolus vulgaris	Kidney bean	Living and fresh underground parts
Philodendron spp.		Cuttings, scions and living underground parts
Pinus elliottii	Slash pine	Living and fresh underground parts
Pinus taeda	Loblolly pine	Living and fresh underground parts
Piper nigrum	Black pepper	Living and fresh underground parts
Polyscias spp.		Living and fresh underground parts
Pomoideae		Pollen for pollination
Prunus spp.		Pollen for pollination
Prunus spp.		Plants for planting (excluding seeds), including scions and cuttings
Pyrus spp.	Pear	Fresh fruit, living and fresh underground parts
Raphanus sativus	Radish	Living and fresh underground parts
Rhaphidophora decursiva		Living and fresh underground parts
Rhapis spp.		Living and fresh underground parts
Rubus spp.		Pollen for pollination
Rubus spp.	Brambles	Plants for planting (excluding seeds), including scions and cuttings and fresh fruits
Rutaceae		Living and fresh underground parts
Saccharum officinarum	Sugar cane	Living and fresh underground parts
Scindapsus spp.		Living and fresh underground parts
Secale spp.	Rye	Stems, leaves and processed goods
Solanaceae except *Solanum tuberosum*		All
Solanum tuberosum		All except potato produced following the conditions under section 4.1.1.
Straurogyne spp.		Living and fresh underground parts

Scientific Name	Common Name	Plant Part Prohibited
Strelitzia spp.		Living and fresh underground parts
Stromanthe spp.		Living and fresh underground parts
Triticum spp.	Wheat	Stems, leaves and processed goods
Vallisneria spp.		Living and fresh underground parts
Vitis spp.	Grape	Plants for planting (excluding seeds) including scions and cuttings
Zea mays	Maize	Fresh, living and fresh underground parts
Zingiber officinale	Ginger	Living and fresh underground parts

2.2 Import Permit

2.2.1 Import permit state the phytosanitary requirements for importation

2.2.2 Import permit and conditions of import may be requested from:

Animal, Plant and Fisheries Quarantine and Inspection Agency (QIA)
Export Management Divison
178 Anyangno, Manan-Gu, Anyang-Si
Gyeonggi-Do 430-016
Republic of Korea

Tel: 82-31-420-7681
Website: http://www.qia.go.kr/english/html/Plant/Plant_003.jsp
Alternative contacts:
http://www.qia.go.kr/english/html/Contact_us/Contact_us_004.jsp

2.3 Phytosanitary Certificates

All phytosanitary certificates regardless of commodity type require:

- **The "inspection date" is to be stated in the inspection date field on the phytosanitary certificate and is prior to the departure date.**

Note where applicable, additional declarations identified within this document for specific commodities must be stated upon the certificate.

Phytosanitary certificates are generally required for all plants and plant products with the exception of the following:

- Plants or plant products immersed and / or preserved in chemicals, salt, sugar, oil or other preservative materials
- Wooden or bamboo products that can be used without re-processing
- Processed products in the form of fiber products such as cotton, hemp cloth, paper, string or net
- Plants or plant products processed to the extent that harmful plant pests can

be killed and / or eliminated, and then packed to prevent re-infestation

- Plants that are imported by traveler's in their luggage

- Plants that are imported in checked in luggage or over-seas moving freight that are intended for personal use and not for breeding or re-planting purposes.

- Plants that are imported by mail

- Plants and harmful pests that are imported for the purpose of research
- Plants that are processed by high temperature, drying, grinding, pressing, or freezing and which are within sealed packages, to meet the standard prescribed by the Director General of the Republic of Korea's National Plant Quarantine Organization. If you are unsure if the processing treatment used by your organisation meets this standard, please contact your importer.

  Frozen plants or plant products which have been subject to a process or treatment prior to freezing (such as blanching) and may be considered by the Republic of Korea to be processed food. If you are unsure if the processing or blanching treatment used by your organisation meets Korean requirements for processed food, please contact your importer.

- Pellets of cotton seed hull and soy bean hulls, soy bean oil cake, shelled nuts which are vacuum-packaged & sealed, dried alfalfa cube, malt of grain

2.4 Quarantine Pests

For a list of quarantine pests see Appendix 1. The preferred name and classification used was checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) (https://gd.eppo.int/), Global Biodiversity Information Facitlity (http://www.gbif.org/species/), Pherobase (www.pherobase.com) and Mycobank (http://www.mycobank.org/) databases. Please note that scientific names remains as the definitive name. In addition to the preferred name, MPI will also include synonyms specified by the importing country for use on additional declarations.

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

2.5 Wood packaging

Refer to Forestry ICPR for Korea, link below:
http://www.mpi.govt.nz/law-and-policy/requirements/importing-countries-phytosanitary-requirements/forestry-icprs/korea/

3 Commodity Class Requirements

All phytosanitary certificates regardless of commodity type require:

- **The "inspection date" is to be stated in the inspection date field on the phytosanitary certificate and is prior to the departure date.**

Note where applicable, additional declarations identified within this document for specific commodities must be stated upon the certificate.

3.1 Fruit and Vegetables

3.1.1 Fresh Fruit and Vegetables

Conditions:
Phytosanitary certificate required. Refer Section 4.1.1 for those fresh fruit and vegetables that are permitted entry.

3.1.2 Dried Fruit and Vegetables

Conditions:
Phytosanitary certificate may be required depending on commodity exported. Refer Section 2.3. Exporters are advised to confirm requirements prior to shipping.

3.1.3 Frozen Fruit and Vegetables

Conditions:
Phytosanitary certificate required **or** 'quality and condition certificate' from certified inspection organization required.
Additional declaration:
Certificate(s) must be endorsed that the plant material is frozen at a temperature under –17.8^{o}C
And
Refer Section 3, generic Additional Declaration

Note: Frozen plant products of Solananceae are prohibited entry, however MPI understands plant product which has been subject to a process or treatment prior to freezing (such as blanching) may be considered by Korea to be processed food and would not be subject to the entry conditions for plant product. If you are unsure if the processing or blanching treatment used by your organisation meets Korean requirements for processed food, please contact your importer.

3.2 Cut Flowers and Foliage

3.2.1 Fresh Cut Flowers and Foliage

Conditions:
Phytosanitary certificate required and additional declaration required
Additional declaration:
Refer Section 3, generic Additional Declaration

3.2.2 Dried Cut Flowers and Foliage

Conditions:
Phytosanitary certificate required and additional declaration required

Additional declaration:
Refer Section 3, generic Additional Declaration

3.3 Nursery Stock

General

Nursery stock upon arrival in the Republic of Korea may require Post Entry Quarantine

Plants exempted from Post Entry Quarantine include:

- Imported seedlings which will not be cultivated
- 100 or less bulbs which will not be offered for sale
- Fruit trees and their seedlings for bonsai under 10 weeks old and not for sale
- Seedlings for which an agreement to exempt post-entry quarantine inspection has been made between the Republic of Korea's National Plant Protection Service and MPI

Exporters are advised to confirm phytosanitary requirements for the specific plant material they intend to export prior to shipping

Note: There are many restricted species. Please contact Plant Exports PlantExports@mpi.govt.nz for further information.

3.3.1 Whole Plants

Conditions:
Phytosanitary certificate required. Post entry quarantine may be required.

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

Conditions:
Phytosanitary certificate required. Post entry quarantine may be required.

3.3.3 Budwood, Cuttings and Pollen

Conditions:
Phytosanitary certificate required. Additional declarations and Post entry quarantine may be required. Refer Section 4.3.1.

3.3.4 Tissue Culture (*Actinidia* spp. and *Vaccinium* spp only)

Conditions:
Phytosanitary certificate required. Additional declarations and packaging conditions required. Refer Section 4.3.2.

3.4 Seeds (grain) and Nuts

3.4.1 Seed and Grain for Sowing

Conditions:

Phytosanitary certificate required. Additional declaration may be required. Refer Section 4.4.1

3.4.2 Seed (grain) and Nuts for Consumption

Conditions:
Phytosanitary certificate required. Refer to section 4.4.2.

3.4.3 Seed (grain) and Nuts for Processing

Conditions:
Phytosanitary certificate required. Refer to section 4.4.3.

3.5 Growing Media

Soil
Conditions:
prohibited.

Tree Fern Substrate
Conditions:
Phytosanitary certificate required. Refer Section 4.5

3.6 Packing Material

Conditions:
Requirements not specified. The following materials are not permitted to be used for packaging:

- Unhulled rice chaff
- rice straw
- processed rice (except hulled rice)

4 Commodity Specific Requirements

4.1 Fruit and Vegetables

4.1.1 Fresh Fruit and Vegetables

Conditions:
Refer Sections 2.1 and 3.1.1

Actinidia deliciosa and *A. chinensis* Kiwifruit
Conditions:
Phytosanitary certificate required.

Actinidia arguta Kiwiberry
Conditions:
Phytosanitary certificate required.

Allium cepa Onion
Conditions:
Phytosanitary certificate required.

Alpinia spp. (excluding *A. nutans, A. zerumbet* and *A. purpurata*)
Conditions:
Phytosanitary certificate required.Additional declaration with laboratory testing required.
Additional declaration:
“This shipment was inspected and found free of *Radopholus similis*.”

Ananas comosus Pineapple
Conditions:
Phytosanitary certificate required.

Asparagus officinalis Asparagus
Conditions:
Phytosanitary certificate required. This consignment must be free from pests, soil and weed seeds.

Brassica oleracea Broccoli
Conditions:
Phytosanitary certificate required. This consignment must be free from pests, soil and weed seed.

Brassica oleracea gongylodes Kohlrabi
Conditions:
Phytosanitary certificate and additional declaration required.

Capsicum annuum Capsicum
Conditions:
Prohibited

Citrus limon Lemon
Conditions:

Phytosanitary certificate required and additional declaration required.
Additional declaration:
"Dacus (Bactrocera) dorsalis and *Ceratitis capitata* do not occur in New Zealand".

Note: *Citrus limon* is not a synonym for *Citrus meyeri*.

Citrus sinensis Orange
Conditions:
Phytosanitary certificate required and additional declaration required.
Additional declaration:
"Dacus (Bactrocera) dorsalis and *Ceratitis capitata* do not occur in New Zealand".

Citrus reticulata Mandarin
Conditions:
Phytosanitary certificate required.

Cocos nucifera Coconut
Conditions:
Phytosanitary certificate required.

Cucumis spp. Melon
Conditions:
Phytosanitary certificate required.

Cucurbita spp Squash / Pumpkin
Phytosanitary certificate and additional declarations required.
Additional declaration:
"Dacus (Bactrocera) dorsalis and *Ceratitis capitata* do not occur in New Zealand"

Daucus carota Carrot
Conditions
Phytosanitary certificate required.

Diospyros kaki Persimmon
Conditions:
Phytosanitary certificate required.

Malus domestica Apple
Conditions:
Prohibited

Musa spp. Green Banana
Conditions:
Phytosanitary certificate required.

Persea americana Avocado
Conditions:
Phytosanitary certificate required.

Prunus avium Cherry
Conditions:
Phytosanitary certificate required. Additional declarations required. All export consignments must comply with the MPI Phytosanitary Official Assurance Programme for the Export of Cherries to Korea:
https://www.mpi.govt.nz/Security/login?BackURL=/dmsdocument/748
Additional declaration:
"The consignment has been inspected and found free of codling moth (*Cydia pomonella*) and shothole disease (*Stigmina carpophila*)"

Pyrus spp. Pear
Conditions:
Prohibited

Solanaceae
Conditions:
Prohibited except for *Solanum tuberosum* produced in accordance with the MPI Phytosanitary Official Assurance Programme for Potato Cyst Nematode and Potato Wart.

Solanum tuberosum Potato
Conditions:
Plant import permit and phytosanitary certificate required. Product must be produced in accordance with the MPI Phytosanitary Official Assurance Programme for Potato Cyst Nematode and Potato Wart. For further information please contact plant exports, section 1.1.

The MPI Phytosanitary Official Assurance Programme for Potato Cyst Nematode and Potato Wart can be found on the MPI website at the following location: http://www.mpi.govt.nz/exporting/food/fruit-and-vegetables/official-assurance-programmes/. You will need to log on to access the document.

Vaccinium spp Blueberry
Conditions:
Phytosanitary certificate required. Product must be produced in accordance with the MPI Phytosanitary Official Assurance Programme for Export of Blueberries to the Republic of Korea. For further information please contact plant exports, section 1.1.

The MPI Phytosanitary Official Assurance Programme for Export of Blueberries to the Republic of Korea can be found on the MPI website at the following location: https://www.mpi.govt.nz/export/food/fruit-and-vegetables/official-assurance-programmes/. You will need to log on to access the document.

Vitis spp. Grape
Conditions:
Phytosanitary certificate required.

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

4.3.1 Budwood, Cuttings and Pollen

Actinidia spp. (budwood and cuttings only) Kiwifruit

Conditions:
Phytosanitary certificate required. *Actinidia* spp. plant material for export to Korea must be tested and found free from Psa-V by an MPI approved pest identifier, using an MPI approved testing method, to be eligible for certification. Please contact MPI for details (refer to section 1.1 for contact details).

Additional declaration:
"The plant originates from areas where the NPPO of the exporting country has determined that *Pseudomonas syringae pv. actinidiae* biovar3 does not occur and the situation can be maintained"
AND
"The plant have been tested and found free from *Pseudomonas syringae pv. actinidiae* biovar3 using an appropriate genetic method such as PCR assay"

Actinidia spp. (pollen only) Kiwifruit

Conditions:
Phytosanitary certificate required. *Actinidia* spp. pollen for export to Korea must be tested and found free from Psa-V by an MPI approved pest identifier, using an MPI approved testing method, to be eligible for certification.

Additional declaration:
"Pollens originates from flowers collected from orchard(s) where the NPPO of the exporting country has determined that *Pseudomonas syringae pv. actinidiae* biovar3 does not occur and the situation can be maintained"
AND
"Pollens in this consignment been tested and found free from *Pseudomonas syringae pv. actinidiae* biovar3 using an appropriate genetic method such as PCR assay"

Rosa spp. Rose
Conditions:
Phytosanitary certificate and additional declarations required.
Additional declaration:
"The produce within this consignment was inspected on *(insert earliest inspection date)*"

Note: Commercial trade channels have requested and MPI has agreed to facilitate the following additional declaration where appropriate:
“Product in this consignment is Non LMO”

4.3.2 Tissue Culture

Actinidia spp. Kiwifruit
Conditions:
Phytosanitary certificate required.
laboratory tests and post-entry quarantine will be waived if the following requirements are met for *Actinidia* spp. tissue culture:
Additional declaration:
“As a result of the verification of the relevant tissue culture facility and procedures, it is acknowledged that the plants in this shipment were produced utilizing tissue culture under sterile conditions."

Note - Packaging Conditions:
At the time of import quarantine, the following conditions must be maintained:

1. In the case of tissue culture seedlings, the roots of the tissue culture seedlings must be actively rooted and fixed in the culture medium.

2. The container (such as a flask) for the tissue culture must be sealed (an 'air filter' commonly used in tissue culture containers is allowed).

3. The results of direct inspection using the naked eye or a microscope must show no signs of contamination, such as bacteria.

Vaccinium spp. Blueberry
Conditions:
Phytosanitary certificate required.
Additional declaration:
“As a result of the verification of the relevant tissue culture facility and procedures, it is acknowledged that the plants in this shipment were produced utilizing tissue culture under sterile conditions."

Note - Packaging Conditions:

1. In the case of tissue cultures, the roots of the tissue culture must remain rooted and fixed in the culture medium.
2. The container must be sealed; air filters commonly used in tissue culture containers can be used.
3. As a result of inspection using the naked eye or a microscope, no

contamination such as bacteria is suspected.

4.4 Seed and Grains

4.4.1 Seed and Grains for Sowing

Conditions:
Refer Section 3.4.1

Exporters are advised to confirm phytosanitary requirements for the specific plant material they intend to export prior to shipping

All seed will be sampled, inspected and tested on arrival. Fungicide treatment prior to export is optional but may reduce the requirement for testing on arrival. All treatment details to be recorded on the phytosanitary certificate in the treatment section.

Forage and grass seeds
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Agrostis spp. Bent grass/Brown top
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Apium graveolens Celery
Conditions:
Phytosanitary certificate required.

Effective 28 August 2018 until further notice
Conditions:
Phytosanitary certificate and additional declaration may be required.
Additional declaration:
For PCR testing carried out by MPI the following additional declaration applies:
"The seeds were tested by PCR before export and found free from zebra chip disease."
For PCR testing carried out by MPI approved suppliers of identification and diagnostic services for plant and plant product exports no additional declaration is required but the following documentation must be provided:
PCR Inspection Certificate should be issued with the following details: PCR inspection certificate number; name, address, phone number and MPI contract number of the corporation; certification "that the seed described below were found to be free from zebra chip disease (*Candidatus* Liberibacter solanacearum) according to PCR inspection before shipping"; shipper's name, consignee's name, description of goods, quantity and date of PCR inspection.

A copy of the MPI certificate as an approved supplier of identification and diagnostic services for plant and plant product exports and the electrophoresis report of PCR inspection for *Candidatus* Liberibacter solanacearum must be attached with the PCR inspection certificate.

Avena spp. Oats
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Brassica campestris Turnip Rape
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Brassica napus Rape
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Bromus mollis Bromegrass
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Bromus spp. Prairie grass
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Cortaderia spp. Pampas Grass
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Cynosurus cristatus Dogtail
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:

"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Dactylis glomerata Cocksfoot
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Daucus carota Carrot
Conditions:
Phytosanitary certificate required.

Effective 28 August 2018 until further notice
Conditions:
Phytosanitary certificate and additional declaration may be required.

Additional declaration:
For PCR testing carried out by MPI the following additional declaration applies:
"The seeds were tested by PCR before export and found free from zebra chip disease."

For PCR testing carried out by MPI approved suppliers of identification and diagnostic services for plant and plant product exports no additional declaration is required but the following documentation must be provided:
PCR Inspection Certificate should be issued with the following details: PCR inspection certificate number; name, address, phone number and MPI contract number of the corporation; certification "that the seed described below were found to be free from zebra chip disease (*Candidatus* Liberibacter solanacearum) according to PCR inspection before shipping"; shipper's name, consignee's name, description of goods, quantity and date of PCR inspection.

A copy of the MPI certificate as an approved supplier of identification and diagnostic services for plant and plant product exports and the electrophoresis report of PCR inspection for *Candidatus* Liberibacter solanacearum must be attached with the PCR inspection certificate.

Glycine max Soybean
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"These seeds were free from *Phytophthora megasperma* f.sp. *glycines* as a result of inspection during the growing season"

Graminaceae Grass
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Lolium spp. Rye grass
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Lotus spp. Lotus
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Medicago sativa Lucerne
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Melilotus spp. Sweet clover
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Paspalum spp. Paspalum
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Phalaris spp. Canary Grass
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Phleum spp. Timothy grass
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Petroselinum crispum Parsley
Conditions:
Phytosanitary certificate required.

Effective 28 August 2018 until further notice

Conditions:

Phytosanitary certificate and additional declaration may be required.

Additional declaration:

For PCR testing carried out by MPI the following additional declaration applies:
"The seeds were tested by PCR before export and found free from zebra chip disease."

For PCR testing carried out by MPI approved suppliers of identification and diagnostic services for plant and plant product exports no additional declaration is required but the following documentation must be provided:
PCR Inspection Certificate should be issued with the following details: PCR inspection certificate number; name, address, phone number and MPI contract number of the corporation; certification "that the seed described below were found to be free from zebra chip disease (*Candidatus* Liberibacter solanacearum) according to PCR inspection before shipping"; shipper's name, consignee's name, description of goods, quantity and date of PCR inspection.

A copy of the MPI certificate as an approved supplier of identification and diagnostic services for plant and plant product exports and the electrophoresis report of PCR inspection for *Candidatus* Liberibacter solanacearum must be attached with the PCR inspection certificate.

Pisum sativum Garden Pea

Conditions:

Phytosanitary certificate and additional declaration required.

Additional declaration:

"The seeds were free from *Pseudomonas syringae* pv. *pisi* as a result of inspection during the growing season"

Pisum sativum Pea / Prussian Pea

Conditions:

Phytosanitary certificate and additional declaration required.

Additional declaration:

"These seeds were free from *Pseudomonas syringae* pv. *pisi* as a result of inspection during the growing season"

Sorghum sudanense Broom corn/Sudan grass

Conditions:

Phytosanitary certificate and additional declaration required.

Additional declaration:

"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Trifolium pratense Red Clover
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Trifolium repens White Clover
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Triticum spp. Wheat
Conditions:
Phytosanitary certificate and additional declaration required.
Additional declaration:
"*Tilletia contraversa* free, *Tilletia contraversa* not known to occur in New Zealand"

Zea mays Maize
Conditions:
Phytosanitary certificate required. LMO test required on arrival.

4.4.2 Seed (grain) and Nuts for Consumption

Zea mays Maize
Conditions:
Phytosanitary certificate required. Must be dried.

4.4.3 Seed (grain) and Nuts for Processing

Zea mays Maize
Conditions:
Phytosanitary certificate required. Must be dried.

4.5 Growing Media

Dicksonia fibrosa Tree Fern Substrate
Conditions:
Phytosanitary certificate required.

Appendix 1. Quarantine Pest List as notified by the Republic of Korea

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Arachnids (mites and spiders)	Acarida	Acaridae	*Rhizoglyphus narcissi*	
			Sancassania coprophila	
			Schwiebea zingiberi	
			Tyrophagus palmarum	
		Diptilomiopidae	*Diptacus gigantorhynchus*	plum gall mite
		Eriophyidae	*Aceria litchii*	litchi mite
			Aculops fuchsiae	fuschsia gall mite
			Calacarus citrifolii	citrus grey mite
			Cecidophyopsis ribis	blackcurrant mite
			Colomerus vitis	grape mite
			Eriophyes mali	cotton blister mite, cotton leaf blister mite, West Indies blister mite
			Eriophyes mangiferae syn. *Aceria mangiferae*	mango bud mite
			Eriophyes sheldoni syn. *Aceria sheldoni*	citrus bud mite

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Arachnids (mites and spiders)	Acarida	Eriophyidae	*Phyllocoptes abaenus*	
			Phyllocoptruta oleivora	buckskin; citrus rust mite
			Tegolophus australis	brown citrus rust mite
		Penthaleidae	*Halotydeus destructor*	black sand mite
		Phytoptidae	*Phytoptus insidiosus*	
			Phytoptus pyri	
		Tarsonemidae	*Steneotarsonemus laticeps*	bulb scale mite
			Steneotarsonemus spinki	rice panicle mite
			Tarsonemus ananas	pineapple mite
		Tenuipalpidae	*Brevipalpus chilensis*	
			Brevipalpus phoenicis	
			Cenopalpus pulcher	flat scarlet mite
			Raoiella indica	red palm mite
		Tetranychidae	*Bryobia repensi*	
			Eotetranychus boreus	
			Eutetranychus africanus	citrus brown mite
			Eutetranychus orientalis	citrus brown mite
			Eotetranychus yumensis	yuma spider mite

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Arachnids (mites and spiders)	Acarida	Tetranychidae	*Oligonychus biharensis*	
			Oligonychus coffeae	red coffee mite
			Oligonychus mangiferus	mango spider mite
			Oligonychus punicae	avocado brown mite
			Oligonychus vitis	table-grape red mite
			Oligonychus yothersi	Avocado red mite
			Panonychus elongatus	
			Eotetranychus clitus	
			Eotetranychus lewisi	Lewis spider mite
			Eotetranychus pruni	apple yellow mite
			Eotetranychus willamettei	willamette mite
			Eutetranychus banksi	Texas citrus mite
		Tetranychus	*Tetranychus canadensis*	four-spotted spider mite
			Tetranychus desertorum	Desert spider mite; prickly-pear spider mite
			Tetranychus evansi	red spider mite
			Tetranychus lambi	
			Tetranychus ludeni	bean spider mite
			Tetranychus marianae	
			Tetranychus mcdanieli	McDaniel spider mite
			Tetranychus mexicanus	
			Tetranychus neocaledonicus	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Arachnids (mites and spiders)	Acarida	Tetranychus	*Tetranychus pacificus*	Pacific mite
			Tetranychus puerariicola	
			Tetranychus turkestani	strawberry spider mite
		Tuckerellidae	*Tuckerella flabellifera*	
			Tuckerella japonica	
		Tydeidae	*Lorryia formosa*	
Insects	Coleoptera (beetles and weevils)	Anobiidae	*Microbregma emarginata* *Ptilinastes gerardi*	
			Ptilinus fuscus	
		Apionidae	*Cylas brunneus*	sweet-potato weevil
		Attelabidae	*Merhynchites bicolor*	rose curculio
			Rhynchites aequatus	apple and thorn fruit weevil
			Rhynchites auratus	apricot 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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Attelabidae	*Rhynchites auricapillus*	
			Rhynchites bacchus	
			Rhynchites faldermanni	
			Rhynchites giganteus	large pear fruit rhynchites
			Rhynchites pauxillus	apple leaf cutter
		Bostrichidae	*Apate indistincta*	
			Apate monachus	black borer
			Apate terebrans	
			Bostrychopsis jesuita	
			Dinoderus bifoveolatus	
			Dinoderus brevis	
			Dinoderus minutus	
			Dysides obscurus	
			Heterobostrychus aequalis	kapok borer
			Heterobostrychus brunneus	
			Heterobostrychus hamatipennis	Chinese auger beetle

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Bostrichidae	*Lyctoxylon japonum*	
			Melalgus confertus	powerpost beetle
			Prostephanus truncatus	greater grain borer
			Sinoxylon anale	false powder-post beetle
			Sinoxylon conigerum	
			Sinoxylon crassum	
			Sinoxylon mangifera	
			Xylobiops basilaris	red-shouldered power-post beetle
			Xylothrips flavipes	auger beetle
			Xylothrips religiosus	Northern auger beetle
		Brentidae	*Trachelizus bisulcatus*	
		Bruchidae	*Bruchidius atrolineatus*	
			Bruchidius incarnatus *Bruchus affinis* *Bruchus tristis*	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Bruchidae	*Callosobruchus analis*	pulse weevil
			Callosobruchus dolichosi	
			Callosobruchus maculatus	four-spotted bean weevil, southern cowpea weevil, spotted cowpea bruchid
			Callosobruchus phaseoli	
			Callosobruchus rhodesianus	
			Caryedon serratus	groundnut borer, groundnut bruchid, tamarind weevil
			Kytorrhinus immixtus	
			Pachymerus nucleorum	coconut borer; kernel borer
			Zabrotes subfasciatus	Mexican bean weevil
		Buprestidae	*Agrilus occipitalis*	citrus bark borer
			Agrilus ruficollis	red-necked cane borer
			Agrilus sinuatus	sinuate pear borer
			Asemochrysus rugulosus	
			Belionota prasina	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Buprestidae	*Capnodis tenebrionis*	peach capnodis
			Chrysobothris femorata	flat-headed apple tree borer
			Chrysobothris mali	Pacific flat-headed borer
			Melanophila cuspidata	
		Cantharidae	*Chauliognathus lugubris*	
		Cerambycidae	*Abgrallaspis cyanophylli*	
			Acalolepta cervina	
			Aeolesthes induta	
			Aeolesthes sarta	
			Anoplodera mitens	
			Anoplolepis gracillipes	
			Anoplolepis longipes	
			Arhopalus ferus	burnt pine longhorn
			Axinopalpis gracilis	
			Batocera boisduvali	
			Batocera davidis	
			Batocera horsfieldi	
			Batocera rubus	mango longhorn beetle
			Batocera rufomaculata	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Cerambycidae	*Callidiellum villosulum*	brown fir long-horned beetle
			Cerambyx cerdo	great capricorn beetle
			Cerambyx dux	
			Chlorophorus strobilicola	
			Diaxenes dendrobii	
			Dihammus vastator syn. *Acalolepta cervina*	
			Elaphidionoides villosus	oak pruner
			Enaphalodes rufulus	red oak borer
			Euryphagus lundi	
			Hylotrupes bajulus	European house borer; house longhorn
			Megacyllene caryae	painted hickory borer
			Moneilema armata	
			Monochamus carolinensis	carolina sawyer
			Monochamus galloprovincialis	
			Monochamus maculosus	
			Monochamus marmorator	
			Monochamus mutator	
			Monochamus notatus	North-eastern sawyer
			Monochamus sartor	
			Monochamus scutellatus	white spotted sawyer
			Monochamus titillator	Southern pine sawyer

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Cerambycidae	*Neoclytus acuminatus*	red-headed ash borer
			Neoclytus rufus	
			Oemona hirta	lemon tree borer
			Paradisterna plumifera	
			Parmena balteatus	
			Phoracantha recurva	yellow eucalyptus longicorn
			Phoracantha semipunctata	blue gum borer
			Phymatodes testaceus	tanbark borer
			Platyomopsis pulverulens syn. *Symphyletes neglectus*	grey ringbarker
			Prionus californicus	California prionus
			Rhytidodera bowringii	
			Saperda candida	round-headed apple-tree borer
			Semanotus japonicas	sugi bark borer
			Semanotus ligneus	cedar borer
			Semanotus sinoauster	
			Skeletodes tetrops	
			Steirastoma breve	cacao beetle

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Cerambycidae	*Stenopterus rufus*	
			Sybra ordinata	
			Sybra altenanus	
			Tetropium cinnamopterum	
			Tetropium fuscum	brown spruce longhorn beetle
			Trachyderes mandibularis	
			Uracanthus cryptophagus	
			Vesperus luridus	
			Vesperus xatarti	grape vesperus; grapevine vesperus
			Xylotrechus aceris	gall-making maple borer
			Xylotrechus annosus annosus	
			Xylotrechus colonus	rustic borer
			Xylotrechus nauticus	nautical borer
			Xylotrechus obliteratus	
			Xylotrechus quadrimaculatus	beech limb borer
			Xylotrechus quadripes	coffee stem borer
			Xylotrechus sagittatus sagittatus	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Chrysomelidae	*Acalymma vittatum*	striped cucumber beetle
			Altica chalybea	grape flea beetle
			Aphtona euphorbiae	
			Aulacophora abdominalis	northern pumpkin beetle
			Aulacophora hilaris	pumpkin flea beetle
			Brontispa longissima	coconut hispid, coconut leaf beetle, leafbud hispid
			Cerotoma ruficornis	
			Cerotoma trifurcata	bean leaf beetle
			Chaetocnema hortensis	
			Colaspidema atrum	black alfalfa leaf beetle
			Colaspis brunnea	bronze beetle
			Colaspis hypochlora	banana fruit-scarring beetle
			Colaspis pini	pine colaspis
			Colaspoides heroni	
			Crioceris asparagi	asparagus beetle
			Diabrotica balteata	banded cucumber beetle, belted cucumber beetle
			Diabrotica barberi	Northern corn rootworm
			Diabrotica speciosa	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Chrysomelidae	*Diabrotica undecimpunctata*	corn budworm, western spotted cucumber beetle
			Diabrotica virgifera	Colorado corn rootworm, western corn rootworm
			Disonycha xanthomelas	
			Ditropidus maxillosa	
			Epitrix cucumeris	potato flea beetle
			Epitrix hirtipennis	
			Epitrix similaris	potato flea beetle
			Epitrix subcrinita	western potato flea beetle
			Epitrix tuberis	tuber flea beetle
			Eucolaspis brunnea	
			Ferrisia malvastra	
			Galerucella tenella syn. *Pyrrhalta tenella*	strawberry leaf beetle
			Geloptera porosa	
			Lema trilineata syn. *Lema trilinea*	three-lined leaf beetle
			Longitarsus fuliginosus	
			Marseulia dilativentris	
			Microtheca ochroloma	yellow-margined leaf beetle

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Chrysomelidae	*Monolepta apicalis*	
			Monolepta australis	
			Nodonota puncticollis	rose leaf beetle
			Oulema melanopus	barley leaf beetle; cereal leaf beetle
			Paria fragariae	strawberry rootworm
			Phyllotetra pallidipennis	
			Phyllotreta armoraciae	
			Phyllotreta atra	
			Phyllotreta chotanica	
			Phyllotreta cruciferae	
			Podagrica malvae	
			Psylliodes chrysocephala	cabbage stem flea beetle
			Pyrrhalta cavicollis	cherry leaf beetle
			Pyrrhalta luteola	
			Rhyparida dimidiata	
			Rhyparida polymorpha	
			Sagra femorata	
			Syneta albida	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Chrysomelidae	*Systena blanda* syn. *Systena taeniata blanda*	pale-striped flea beetle
			Zygogramma exclamationis	sunflower beetle
		Ciidae	*Cis seriatulus* *Ennearthron ishiharai*	
			Orthocis schizophylli	
		Coccinellidae	*Epilachna borealis*	squash beetle
			Epilachna elaterii	melon beetle
			Epilachna paenulata	
			Epilachna varivestis	Mexican bean beetle
		Cucujidae	*Cryptolestes pusilloides*	
		Curculionidae	*Acanthoscelides obtectus*	American seed beetle
			Aegorhinus superciliosus	raspberry weevil
			Aggorhinus phaleratus	
			Alcidodes juglans	
			Alcidodes waltoni	
			Amnemus quadrituberculatus	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Curculionidae	*Ampeloglypter ater*	
			Ampeloglypter sesostris	grape cane gallmaker
			Anisandrus ursulus	
			Anthonomus eugennii	pepper weevil
			Anthonomus grandis	boll weevil, cotton boll weevil, thurberia weevil
			Anthonomus quadrigibbosus	apple curculio, large apple curculio, Western curculio
			Anthonomus signatus	strawberry bud weevil, strawberry clipper
			Anthonomus vestitus	Peruvian cotton ball weevil
			Arixyleborus canaliculatus	
			Arixyleborus granifer	
			Arixyleborus granulifer	
			Arixyleborus imitator	
			Arixyleborus rugosipes	
			Baris chlorizans	
			Baris caerulescens	
			Baris cuprirostris	
			Baris granulipennis	melon weevil
			Baris laticollis	
			Baris lepidii	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Curculionidae	*Caulophilus oryzae* syn. *Caulophilus latinasus*	broad-nosed grain weevil
			Ceutorhynchus pleurostigma syn. *Ceutorhynchus assimilis*	cabbage gall weevil
			Chalcodermus aeneus	
			Cleonus punctiventris syn. *Bothynoderes punctiventris*	beet root weevil
			Conorhynchus conirostris	
			Conotrachelus crataegi	
			Conotrachelus juglandis	butternut weevil
			Conotrachelus retentus	black walnut weevil
			Cossonus nicisis	
			Craponius inaequalis	grape curculio
			Cryphalus dilutus	spurred bark beetle
			Curculio caryae	pecan weevil
			Curculio davidi	weevil
			Curculio elephas	chestnut weevil, European chestnut weevil
			Curculio nucum *Curculio proboscideus*	hazelnut weevil, nut 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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Curculionidae	*Desiantha diversipes lineata*	
			Debus cavulus	
			Debus eximius	
			Debus persimilis	
			Debus spinatus	
			Diaprepes abbreviatus	citrus root weevil, sugarcane root and stalk borer weevil, sugarcane root-boring weevil
			Diocalandra frumenti	four-spotted weevil
			Diocalandra sasa	
			Diocalandra taitense	Coconut weevil
			Elytroteinus subtruncatus	Fiji ginger weevil, Fiji lemon weevil
			Epicaerus cognatus	Mexican potato weevil
			Eremnus atratus	
			Eremnus cerealis	snout beetle
			Eremnus chevrolati	
			Eremnus setulosus	
			Eutinophaea bicristata	
			Eutyrhinus meditabundus	
			Euwallacea andamanensis	
			Euwallacea piceus	
			Euwallacea quadraticollis	
			Gerstaeckeria fasciata	
			Gerstaeckeria hubbardi	
			Gnathotrichus retusus	western pine wood stainer
			Gonipterus scutellatus	eucalyptus snout beetle

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Curculionidae	*Graphognathus leucoloma* syn. *Naupactus leucoloma*	white-fringed beetle
			Hedychrous rufofasciatus	
			Heilipus trifasciatus	
			Hylobius abietis	fir weevil; large brown pine weevil
			Hylobius assimilis	pine root tip weevil
			Hylobius pales	pales weevil
			Hylobitelus xiaoi	
			Hypera brunneipennis	Egyptian alfalfa weevil
			Ips cembrae	large larch bark beetle
			Ips concinnus syn. *Pseudips concinnus*	Sitka spruce engraver
			Irenimus parilis	
			Ischnoterapion virens	
			Larinus planus	
			Leptopius squalidus	
			Leptoxyleborus machili	
			Leptoxyleborus sordicauda	
			Lepyrus palustris	
			Linogeraeus urbanus	
			Listroderes bonariensis	

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Curculionidae	*Listronotus oregonensis*	carrot weevil
			Lixus junci	beet lixus; beet weevil
			Magdalis aenescens	bronze apple-tree weevil
			Magdalis gracilis	
			Mecinus pyraster	
			Menios internatus	
			Metamasius aurocinctus	
			Metamasius hemipterus	rotten cane stalk borer
			Mitrastethus baridioides	
			Mononychus vittatus	
			Myllocerus undatus	
			Nassophasis aspericollis	
			Naupactus xanthographus	South American fruit tree weevil
			Neomerimnetes sobrinus	
			Orthorhinus clyindrirostris	
			Otidognathus davidis	

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Curculionidae	*Otiorhynchus armadillo*	
			Otiorhynchus cribricollis	apple weevil; cribrat weevil
			Otiorhynchus cylindrirostris	
			Otiorhynchus ovatus	strawberry root weevil
			Otiorhynchus rugosostriatus	rough strawberry weevil
			Otiorhynchus salicicola	
			Otiorhynchus singularis	clay-coloured weevil
			Otiorhynchus subglobosus	
			Otiorhynchus sulcatus	black vine weevil; cyclamen weevil
			Pachnaeus litus	blue-green beetle; blue-green citrus root weevil
			Palaeopus costicollis	
			Pantomorus cervinus	fuller rose beetle
			Pempherulus affinis	
			Perperus lateralis	
			Phaenomerus foveipennis	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Curculionidae	*Phlyctinus callosus*	garden weevil
			Phyllobius argentatus	silver green leaf weevil
			Phyllobius maculicornis	apple leaf weevil
			Phyllobius oblongus	brown leaf weevil
			Phyllobius pyri	common leaf weevil
			Pissodes nemorensis	deodar weevil
			Pissodes notatus	
			Pissodes strobi	sitka-spruce weevil
			Pissodes terminalis	lodgepole terminal weevil
			Pissodes yunnanensis	
			Platytrachylus paviei	
			Polygraphus poligraphus	
			Polytus mellerborgii	
			Premnotrypes latithorax	Andean potato weevil
			Rhabdoscelus obscurus	cane weevil borer
			Rhinocyllus conicus	
			Rhynchophorus ferrugineus	Asiatic palm weevil
			Rhynchophorus palmarum	palm marrow weevil

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and the Pherobase (www.pherobase.com), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Curculionidae	*Sciobius granosus*	citrus snout beetle
			Scyphophorus acupunctatus	Mexican sisal borer
			Sitona cylindricollis	sweet-clover weevil
			Sitona discoideus	
			Sitophilus granarius	
			Sitophilus linearis	
			Sphenophorus callosus	curly bug
			Sphenophorus venatus vestitus	hunting billbug
			Stenocerynus subfasciatus	
			Stenoscelis cryptomeriae	
			Sternochetus frigidus	mango flesh weevil
			Sternochetus goniocnemis	mango twig weevil
			Sternochetus mangiferae	mango nut weevil
			Sternochetus olivieri	mango weevil
			Strophosomus melanogrammus	
			Sternechus subsignatus	
			Tanymecus dilaticollis	

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Curculionidae	*Tanyrhynchus carinatus*	
			Taurodemus flavipes	
			Terminalinus pseudopilifer	
			Torostoma apicale	
			Trachyphloeus bifoveolatus	
			Trichobaris trinotata	potato stalk borer
			Tychius picirostris	clover seed weevil
			Tyloderma fragariae	strawberry crown borer
			Xyleborus bidentatus	
			Xyleborus costatomorphus	
			Xyleborus exiguus	
			Xyleborus volvulus	
		Dermestidae	*Anthrenocerus australis*	
			Attagenus brunneus syn. *Attagenus elongatulus*	
			Attagenus fasciatus	wardrobe beetle
			Thorictodes heydeni	
			Thylodrias contractus	odd beetle
			Trogoderma granarium	khapra beetle
			Trogoderma inclusum	grain trogoderma
			Trogoderma simplex	
			Trogoderma variabile	grain dermestid

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles	Dryophthoridae	*Synommatus interruptus*	
		Elateridae	*Agriotes lineatus*	lined click beetle, striped elaterid beetle, wireworm
			Agriotes mancus	Wheat worm
			Conoderus amplicollis	gulf wireworm
			Conoderus exsul	Hawaiian sugarcane wireworm
			Conoderus falli	southern potato wireworm
			Conoderus parallelus	
			Conoderus rufangulus	
			Conoderus varians	
			Conoderus vespertinus	tobacco wireworm
			Ctenicera pruinina	Great basin wireworm
			Ectinus minimus	
			Elatichrosis castanea	
			Limonius agonus	eastern field wireworm
			Limonius californicus	sugarbeet wireworm
			Limonius canus	Pacific coat wireworm
			Limonius ectypus	
			Limonius subauratus	Colombia basin wireworm
			Melanotus communis	common wireworm
			Melanotus depressus	
			Melanotus longulus	

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Elateridae	*Melanotus rufinus*	
			Pleonomus canaliculatus	
		Endecatomidae	*Endecatomus lanatus*	
		Endomychidae	*Holoparamecus depressus*	
			Holoparamecus ellipticus	
			Holoparamecus signatus	
		Erotylidae	*Dacne japonica*	
		Languriidae	*Bolerus minutus*	
			Cryptophilus propinquus	
		Lyctidae	*Lyctus africanus*	African powder-post beetle
			Lyctus cavicollis	shiny powderpost beetle
			Lyctus linearis	oak lyctid; cosmopolitan powder post beetle
			Lyctus planicollis	southern lyctus beetle
			Minthea rugicollis	hairy powder-post beetle
			Trogoxylon parallelopipedum	
		Mycetophagidae	*Litargus antennatus*	
			Litargus balteatus	
			Litargus connexus	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Nitidulidae	*Carpophilus freemani*	
			Carpophilus lugubris	
			Carpophilus mutilatus	Flower beetle
			Carpophilus obsoletus	
			Carpophilus pilosellus	
			Epuraea limbata	
			Haptoncurina motschulskii	
			Prometopia quadrimaculata	
			Urophorus humeralis	
		Platypodidae	*Crossotarsus subpellucidus*	
			Crossotarsus wallacei	
			Dinoplatypus luniger	
			Megaplatypus mutatus	
			Platypus agnatus	
			Platypus biuncus	
			Platypus caliculus	
			Platypus compositus	
			Platypus cupulatus	
			Platypus curtus	
			Platypus flavicornis	Japanese oak ambrosia beetle

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Platypodidae	*Platypus jansoni*	
			Platypus parallelus	
			Platypus pseudocupulatus	
			Platypus quadridentatus	
			Platypus quercivorus	
			Platypus shoreanus	
			Platypus signatus	
			Platypus wilosoni	
		Ptinidae	*Dorcatoma shigaensis*	
			Gibbium aequinoctiale	
			Mezium americanum	American spider beetle; black spider beetle
			Ptinus clavipes	brown spider beetle
			Ptinus tectus	Australian spider beetle
			Ptinus villiger	hairy spider beetle
		Scarabaeidae	*Adoretus versutus*	
			Amphimallon solstitialis	European June beetle

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Scarabaeidae	*Ancognatha scarabaeoides*	
			Anisoplia austriaca	
			Anomala cupripes	
			Cetonia aurata	flower beetle
			Costelytra zealandica	grass grub
			Cotinis mutabilis	western green June beetle
			Cotinis nitida	green June beetle
			Cycolocephala signaticollis	
			Euetheola rugiceps	rough-headed corn-stalk beetle
			Heteronychus arator	African black beetle; black maize beetle
			Heteronyx piceus	
			Hoplia surata	
			Lepidiota stigma	
			Ligyrus gibbosus	carrot head beetle
			Liogenys macropelma	
			Macrodactylus subspinosus	rose chafer
			Maladera matrida	
			Melolontha melolontha	common European cockchafer; may bug
			Melolontha hippocastani	cockchafer

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Scarabaeidae	*Metriona bicolor* syn. *Charidotella bicolor*	golden sweet potato beetle; golden tortoise beetle
			Oryctes rhinoceros	Asiatic rhinoceros beetle; coconut black beetle
			Oxythyres funesta	
			Phyllophaga ephilida	
			Phyllophaga smithi	brown hardback beetle
			Pleocoma crinita	
			Pleocoma minor	
			Pleocoma oregonensis	
			Polyphylla decemlineata	ten-lined June beetle
			Popillia japonica	Japanese beetle
			Rhizotrogus majalis syn. *Amphimallon majalis*	European chafer
		Scolytidae	*Ambrosiodmus tachygraphus*	
			Coccotrypes dactyliperda	

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Scolytidae	*Coccotrypes fallax*	
			Cryphalus piceae	
			Cryphalus tenuis	
			Crypturgus alutaceus	
			Crypturgus borealis	
			Dendroctonus adjunctus	round-headed pine beetle
			Dendroctonus brevicomis	Southwestern pine beetle
			Dendroctonus frontalis	Southern pine beetle
			Dendroctonus micans	European spruce beetle
			Dendroctonus murrayanae	lodgepole pine beetle
			Dendroctonus ponderosae	black-Hills beetle, mountain pine beetle
			Dendroctonus pseudotsugae	douglas-fir beetle
			Dendroctonus punctatus	Allegheny spruce beetle
			Dendroctonus rufipennis	Alaska spruce beetle, eastern spruce beetle, Engelmann-spruce beetle

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Scolytidae	*Dendroctonus simplex*	Eastern larch beetle
			Dendroctonus terebrans	black turpentine beetle
			Dendroctonus valens	red turpentine beetle
			Dryocoetes affaber	
			Dryocoetes betulae	
			Dryocoetes caryi	
			Dryocoetes confusus	mountain balsam bark beetle, western balsam bark beetle
			Dryocoetes granicollis	
			Dryocoetiops laevis	
			Euwallacea fornicatus	tea shot-hole borer
			Gnathotrichus materiarius	
			Gnathotrichus sulcatus	
			Hylastes exilis	
			Hylastes porculus	
			Hylastes salebrosus	
			Hylastes tenuis	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Scolytidae	*Hylurgopinus rufipes*	dark elm beetle; native elm bark beetle
			Hylurgops pinifex	
			Hypothenemus hampei	
			Ips amitinus	eight-toothed spruce bark beetle
			Ips caligraphus	
			Ips calligraphus	coarse writing engraver; six-spined engraver be
			Ips confusus	piñon ips
			Ips duplicatus	northern bark beetle
			Ips grandicollis	five-spined bark beetle; southern pine engraver
			Ips lecontei	Arizona five-spined engraver; Arizona five-spined ips
			Ips pini	Eastern pine engraver; Oregon pine engraver
			Ips plastographus	California pine engraver
			Monathrum fasciatum	
			Monathrum mali	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Scolytidae	*Orthotomicus caelatus*	
			Orthotomicus erosus	
			Phloeosinus cupressi	cypress bark beetle
			Phloeosinus serratus	juniper bark beetle
			Phloeotribus liminaris	peach bark beetle
			Pityophthorus juglandis	walnut twig beetle
			Polygraphus rufipennis	four-eyed spruce bark beetle
			Scolytus intricatus	oak bark beetle
			Scolytus multistriatus	lesser European elm bark beetle
			Scolytus rugulosus	apple tree beetle
			Scolytus scolytus	elm bark beetle
			Trypdendron rufitarsis	
			Xyleborus affinis	oak ambrosia beetle
			Xyleborus agnatus	
			Xyleborus celsus	hickory timber beetle
			Xyleborus dispar	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Scolytidae	*Xyleborus emarginatus*	
			Xyleborus eucalypticus	
			Xyleborus fastigatus	
			Xyleborus ferrugineus	bark locette
			Xyleborus interjectus	
			Xyleborus perforans	coconut shot-hole borer
			Xyleborus pseudosolidus	
			Xyleborus pumilus	
			Xyleborus similis	
			Xyleborus subnaevus	
			Xyleborus xylographus	
			Xylosandrus morigerus	brown coffee borer
		Silvanidae	*Cathartosilvanus opaculus*	
			Cryptomorpha desjardinsi	

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Landcare Research database (www.landcareresearch.co.nz), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Coleoptera (beetles and weevils)	Silvanidae	*Monanus concinnulus*	
			Oryzaephilus mercator	merchant grain beetle
			Psamooecus bipunctatus	
		Tenebrionidae	*Gnathocerus maxillosus*	
			Palorus subdepressus	depressed flour beetle
			Tribolium destructor	
			Tribolium madens	black flour beetle
		Trogossitidae	*Calitys scabra*	
			Lophocateres pusillus	siamese grain beetle
	Dermaptera	Forficulidae	*Forficula auricularia*	common earwig
	Dictyoptera (Cockroaches and mantids)	Blattellidae	*Supella longipalpa*	Brown-banded cockroach; tropical cockroach
		Kalotermitidae	*Cryptotermes domesticus*	drywood termite
	Diptera (flies)	Agromyzidae	*Agromyza parvicornis*	corn blotch leaf miner
			Agrypnus variabilis	
			Chromatomyia syngenesiae	chrysanthemum leaf miner
			Liriomyza brassicae	cabbage leaf miner; serpentine leaf miner

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Diptera (flies)	Agromyzidae	*Liriomyza sativae*	cabbage leaf miner; serpentine leaf miner
		Agromyzidae	*Melanagromyza obtusa*	bean pod fly; pigeon-pea pod fly
			Ophiomyia phaseoli	bean fly; bean miner
			Ophomyia simplex	
			Phytobia cepae syn. *Liriomyza cepae*	stone-leek leaf miner
			Phytomyza marganella	
			Phytomyza persicae	
			Phytomyza rufipes	cabbage leaf miner
			Pseudonapomyza spicata	
		Anthomyiidae	*Delia coarctata*	wheat bulb fly
			Delia florilega	bean seed maggot
			Delia radicum	cabbage root fly
		Cecidomyiidae	*Contarinia citri*	citrus blossom midge
			Contarinia maculipennis	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Diptera (flies)	Cecidomyiidae	*Contarinia nasturtii*	cabbage crowngall fly, cabbage gall midge
			Contarinia pyrivora	pear midge
			Contarinia sorghicola	durra gall midge, jola earhead fly, sorghum midge
			Dasineura mali	apple leaf midge, apple leaf-curling midge
			Dasineura pyri	
			Erosomyia mangiferae syn. P*rocontarinia mangiferae*	mango blister midge
			Lasioptera hungarica	
			Monarthropalpus flavus	
			Orseolia oryzae	Asian rice gall midge; paddy gall fly
			Orseolia oryzivora	African rice gall midge
			Paralleodiplosis cattleyae	
			Plemeliella abietina	
			Resseliella oculiperda	red bud borer
		Drosophilidae	*Zaprionus indianus*	African fig fly

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Diptera (flies)	Muscidae	*Atherigona orientalis*	
			Atherigona oryzae	corn seedling maggot
			Atherigona soccata	Sorghum shoot fly
		Phoridae	*Megaselia scalaris*	coffin fly
		Psilidae	*Psila rosae* syn. *Chamaepsila rosae*	carrot fly
		Sciaridae	*Bradysia ocellaris*	
			Bradysia yangi	
			Pnyxia scabiei	potato scab gnat
		Tephritidae	*Acroceratitis histrionica*	South American fruit fly
			Anastrepha grandis	
			Bactrocera facialis	
			Bactrocera kandiensis	
			Bactrocera oleae	olive fruit fly
			Bagrada hilaris	bagrada bug
			Ceratitis cosyra	
			Craspedoxantha marginalis	
			Dacus ciliatus	
			Epochra canadensis syn. *Euphranta canadensis*	currant and gooseberry maggot
			Euleia heraclei	celery fly
			Pliorecepta poeciloptera	
			Trupanea pseudovicina	
		Tipulidae	*Tipula oleracea*	common crane fly
			Tipula paludosa	European marsh crane fly

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Geraniales	Geraniaceae	*Geranium dissectum*	cut-leaved cranesbill
	Hemiptera (aphids, scale and other bugs)	Adelgidae	*Adelges laricis potaninilaricis*	
			Adelges piceae	
			Adelges tsugae	
			Gillettelia glandulae	
			Pineus cembrae pinikoreanus	
		Aphalaridae	*Blastopsylla occidentalis*	eucalypt shoot psyllid
			Ctenarytaina eucalypti	
		Agromyzidae	*Amauromyza maculosa*	Burdock leaf miner, chrysanthemum leaf miner
		Aleyrodidae	*Aleurocanthus camelliae*	
			Acaudaleyrodes citri	citrus whitefly
			Aleurocanthus cinnamomi	
			Aleurocanthus husaini	
			Aleurocanthus rugosa	
			Aleurocanthus woglumi	
			Aleuroclava gordoniae	
			Aleurodicus capiangae	
			Aleurodicus dispersus	spiralling white fly
			Aleurodicus dugesii	giant whitefly
			Aleurolobus citri	
			Aleurolobus mariatti	marlatt whitefly
			Aleurothrixus floccosus	flocculent whitefly
			Aleurothrixus porteri	Porter's whitefly

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Aleyrodidae	*Aleurotrachelus camelliae*	
			Aleurotrachelus dryandrae	
			Aleurotuberculatus aucubae syn. *Aleuroclava aucubae*	aucuba whitefly
			Aleurotuberculatus similis	
			Aleyrodes proletella	cabbage whitefly
			Amomothrips associatus	
			Asterobemisia carpini	
			Bemisia giffardi	Giffard's whitefly
			Bemisia tabaci	cassava whitefly
			Crenidorsum aroidephagus	
			Dialeurodes citrifolii syn. *Singhiella citrifolii*	cloudy-winged whitefly
			Dialeurodes kirkaldyi	
			Dialeuropora dicempuncta	Breadfruit whitefly
			Minutaleyrodes minuta	
			Orchamoplatus citri	Australian citrus whitefly
			Orchamoplatus mammaeferus	croton whitefly
			Parabemisia myricae	Japanese bayberry whitefly

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Aleyrodidae	*Paraleyrodes minei*	nesting whitefly
			Paraleyrodes perseae	bay whitefly; plumeria whitefly
			Singhiella simplex	ficus whitefly
			Singhius hibisci	hibiscus whitefly
			Siphoninus phillyreae	
			Tetraleurodes mori	mulberry whitefly
			Trialeurodes floridensis	avocado whitefly
			Trialeurodes glacialis	
			Trialeurodes lauri	
			Trialeurodes ricini	castor bean whitefly
			Trialeurodes vittata	grape whitefly
			Xenleyrodes eucalypti	
			Lecanoideus floccissimus syn. *Aleurodicus floccissimus*	spiralling whitefly
		Alydidae	*Leptocorisa acuta*	Asian rice bug; paddy bug
		Aphalaridae	*Apsylla cistellata*	mango shoot psyllid
			Glycaspis brimblecombei	red gum lerp psyllid

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Aphididae	*Acyrthosiphon lactucae*	
			Aphis illinoisensis	
			Aphis intybi	
			Aphis maidiradicis	
			Aphis pomi	green apple aphid, permanent apple aphid
			Aphis ruborum	permanent blackberry aphid
			Brachycaudus cardui	
			Brachycaudus persicae	black peach aphid
			Brachycaudus schwartzi	almond aphid, dark mottled peach aphid, peach aphid
			Brachycerus undatus	garlic weevil
			Brachycolus asparagi syn. *Brachycorynella asparagi*	
			Cavariella aegopodii	
			Cerataphis brasiliensis	palm aphid
			Cinara piceae	spruce bark aphid

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Aphididae	*Cinara pilicornis*	spruce shoot aphid
			Corylobium avellanae	large hazel aphid
			Cuernavaca noxius	
			Diuraphis noxia	
			Dysaphis crataegi	carrot-hawthorn aphid
			Dysaphis pyri	
			Dysaphis tulipae	tulip aphid
			Ericaphis fimbriata	
			Ericaphis scammelli	
			Eriosoma pyricola	woolly pear aphid
			Greenidea ficicola	
			Hyadaphis foeniculi	
			Illinoia liriodendri	tulip-tree aphid
			Illinoia morrisoni	
			Liosomaphis berberidis	barberry aphid
			Macrosiphum stellariae	
			Melanocallis caryaefoliae	black hickory-leaf aphid; black pecan aphid
			Metopolophium alpinum	
			Monellia caryella	little hickory aphid
			Monilinia rosella	
			Myzocallis coryli	hazel aphid
			Myzosiphon staphyleae	

			Myzus ascalonicus	
			Myzus cymbalariellus	
			Myzus ornatus Laing	ornate aphid

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Aphididae	*Nasonovia ribisnigri*	lettuce aphid
			Pemphigus bursarius	lettuce root aphid
			Pentalonia nigronervosa	banana aphid
			Phylloxera notabilis	pecan leaf phylloxera
			Prociphilus erigeronensis	
			Pterochloroides persicae	clouded peach stem aphid
			Rhopalosiphoninus fitchii	
			Rhopalosiphoninus ribesinus	brown currant aphid
			Rhopalosiphoninus staphyleae	iris aphid
			Siphonatrophia cupressi	
			Therioaphis trifolii	yellow clover aphid
		Aradidae	*Aradus cinnamomeus*	pine flat bug
		Asterolecaniidae	*Asterolecanium epidendri*	orchid pit scale
			Asterolecanium inlabefactum	
			Asterolecanium litseae	
			Asterolecanium phoenicis	
			Asterolecanium pustulans	oleander pit scale
			Asterolecanium ungulatum	
		Blissidae	*Blissus leucopterus*	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Bruchidae	*Algarobius prosopis*	
		Cercopidae	*Prosapia simulans*	
		Cicadellidae	*Acia lineatifrons*	
			Amrasca splendens	
			Anaceratgallia venosa	
			Cicadulina mbila	maize leafhopper
			Circulifer opacipennis	
			Circulifer tenellus	beet leafhopper
			Colladonus clitellarius	saddled leafhopper
			Colladonus geminatus	
			Colladonus montanus	mountain leafhopper
			Cuerana costalis	
			Dilobopterus costalimai	
			Draeculacephala minerva	grass sharpshooter
			Empoasca abrupta	western potato leafhopper
			Empoasca bodenheimeri	
			Empoasca citrea	
			Empoasca citrusa	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Cicadellidae	*Empoasca decedens*	
			Empoasca decipiens	cotton leafhopper, green frog fly
			Empoasca devastans	Indian cotton jassid
			Empoasca fabae	apple leafhopper, bean leafhopper, potato leafhopper
			Empoasca flavescens	
			Empoasca lybica	Cotton jassid
			Empoasca maligna	
			Empoasca smithi	
			Epignoma natalensis	
			Erythroneura comes	grape leafhopper
			Erythroneura elegantula	grape leafhopper
			Erythroneura variabilis	
			Eupteryx decemnotata	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Cicadellidae	*Fieberiella florii*	
			Graphocephala atropunctata	blue-green sharpshooter
			Graphocephala versuta	versute sharpshooter
			Homalodisca insolita	
			Homalodisca vitripennis	glassy-winged sharpshooter
			Idiocerus atkinsoni	
			Idioscopus clypealis	mango hopper
			Idioscopus niveosparsus	
			Macrosteles laevis	
			Neoaliturus haematoceps	
			Nephotettix nigropictus	rice leafhopper
			Norvellina seminuda	
			Oncometopia nigricans	
			Onocmetopia orbona	
			Orosius argentatus	common brown leafhopper
			Paraphlepsius irroratus	brown speckled leafhopper
			Penthimiola bella	citrus leafhopper
			Ribautiana tenerrima	bramble leafhopper

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Cicadellidae	*Scaphoideus titanus*	
			Scaphytopius acutus	Sharpnosed leafhopper
			Typhlocyba (Edwardsiana) crataegi	
			Typhlocyba froggatti	
			Typhlocyba jucunda	
			Typhlocyba pomaria	white apple leafhopper
			Zygina zealandica	
		Coccidae	*Ceroplastes cirripediformis*	barnacle scale
			Ceroplastes destructor	citrus waxy scale, soft wax scale, white wax scale
			Ceroplastes floridensis	Florida wax scale
			Ceroplastes pseudoceriferus	Indian wax scale, horned wax scale
			Ceroplastes rusci	fig wax scale
			Ceroplastes sinensis	Chinese wax scale
			Coccus alpinus	
			Coccus capparidis	
			Coccus discrepans	
			Coccus formicarii	
			Coccus longulus	
			Coccus viridis	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Coccidae	*Cribrolecanium andersoni*	andersoni scale
			Discochiton cocophyllae	
			Drepanococcus cajani	
			Drepanococcus chiton	
			Gascardia brevicauda	white waxy scale
			Megapulvinaria maxima	
			Mesolecanium nigrofasciatum	terrapin scale
			Milviscutulus mangiferae	mango shield scale
			Odonaspis saccharicaulis	Para-grass scale; sugarcane glongong scale
			Parthenolecanium pruinosum	frosted scale
			Protopulvinaria longivalvata	
			Protopulvinaria pyriformis	mealy shield scale
			Pulvinaria aethiopica	soft green scale
			Pulvinaria cacao	
			Pulvinaria floccifera	
			Pulvinaria hydrangeae	hydrangea scale
			Pulvinaria innumberabilis	
			Pulvinaria polygonata	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Coccidae	*Pulvinaria psidii*	green shield scale
			Pulvinaria vitis	cottony maple scale
			Saissetia oleae	black scale
			Saissetia somereni	
			Sphaereolecanium prunastri	
			Toumeyella liriodendri	tulip-tree scale
			Toumeyella parvicornis	pine tortoise scale
			Udinia catori	
			Vinsonis stellifera	
		Conchaspididae	*Conchaspis angraeci*	
		Coreidae	*Acanthocoris scabrator*	coreid bug, squash bug.
			Amblypelta brevicornis	
			Amblypelta lutescens	banana spotting bug
			Amblypelta nitida	fruit spotting bug
			Anasa tristis	squash bug
			Anoplocnemis curvipes	
			Chelinidea vittiger aequoris	
			Leptoglossus australis	Australian leaf-footed bug
			Leptoglossus chilensis	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Coreidae	*Leptoglossus clypealis*	
			Leptoglossus phyllopus	leaf-footed bug
			Leptoglossus zonatus	
			Mictis profana	
			Pseudotheraptus wayi	coconut bug
		Cydnidae	*Pangaeus scotti*	
		Dactylopiidae	*Dactylopius coccus*	carmine scale
		Delphacidae	*Peregrinus maidis*	corn leafhopper
			Perkinsiella saccharicida	sugarcane leafhopper
			Tagosodes orizicolus	
			Tarophagus proserpina	
		Diaspididae	*Acutaspis albopicta*	
			Acutaspis perseae	coconut palm scale; red bay scale
			Acutaspis umbonifera	
			Antigastra catalaunalis	simsim webworm
			Aonidiella aurantii	California red scale
			Aonidiella comperei	false yellow scale
			Aonidiella inornata	inornate scale

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Diaspididae	*Aonidiella orientalis*	oriental scale
			Aonidomytilus albus	cassava scale
			Aspidiella hartii	ubi scale, yam rhizome scale
			Aspidiella sacchari	brown sugarcane scale
			Aspidiotus chinensis	
			Aspidiotus coryphae	
			Aspidiotus excisus	
			Aspidiotus nerii	Aucuba scale
			Aulacaspis murrayae	
			Aulacaspis tubercularis	mango scale
			Aulacaspis vitis	
			Aulacaspis yasumatsui	Asian cycad scale
			Carulaspis minima	Bermuda cedar scale
			Chionaspis javanensis	
			Chionaspis salicis	black willow scale
			Chrysomphalus pinnulifer	
			Clavaspis herculeana	
			Comstockiella sabalis	palmetto scale

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Diaspididae	*Davidsonaspis aguacatae*	
			Diaspidiotus ancylus	Howard scale
			Diaspidiotus uvae	grape scale
			Diaspis gilloglyi	
			Diaspis santali	
			Dinaspis aculeata syn. *Unaspis citri*	citrus snow scale
			Duplaspidiotus claviger	
			Epidiaspis leperii	Italian pear scale
			Fiorinia externa	Elongate hemlock scale
			Fiorinia fioriniae	
			Fiorinia phantasma	
			Fiorinia proboscidaria	
			Fiorinia theae	
			Furcaspis biformis	red orchid scale
			Gymnaspis aechmeae	
			Hemiberlesia diffinis	linden scale
			Hemiberlesia palmae syn. *Abgrallaspis palmae*	
			Hemiberlesia pitysophila	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Diaspididae	*Hemiberlesia rapax*	greedy scale; tropical camellia scale
			Howardia biclavis	
			Howardia laterochitnosa	
			Ischnaspis longirostris	black line scale; black thread scale
			Lepidosaphes beckii	citrus mussel scale; purple mussel scale
			Lepidosaphes camelliae	camellia oystershell scale
			Lepidosaphes chinesis	
			Lepidosaphes cupressi	
			Lepidosaphes kuwacola	
			Lepidosaphes laterochitinosa	
			Lepidosaphes newsteadi	
			Lepidosaphes tapleyi	guava long scale
			Lepidosaphes tokionis	croton mussel scale
			Lindingaspis floridana	
			Lindingaspis rossi	araucaria black scale; ross black scale
			Lindingaspis similis	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Diaspididae	*Malanaspis rhizophorae*	
			Melanaspis aliena	
			Melanaspis inopinata	
			Melanaspis obscura	obscure scale
			Melanaspis paulista	
			Melanaspis smilacis	brown pineapple scale; smilax scale
			Melanaspis temax	
			Morganella longispina	maskell scale; plumose scale
			Mycetaspis personata	masked scale
			Mycetaspis sphaerioides	
			Neopinnaspis harperi	
			Nilotaspis halli	hall scale
			Opuntiaspis carinata	
			Parlatoreopsis chinensis	Chinese obscure scale
			Parlatoria blanchardi	date palm scale; parlatoria scale of date
			Parlatoria camelliae	camellia chaff scale

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Diaspididae	*Parlatoria cinerea*	
			Parlatoria crypta	
			Parlatoria oleae	olive parlatoria scale; olive scale
			Parlatoria pittospori	
			Parlatoria ziziphi	black parlatoria scale; black scale
			Pinnaspis bohemeriae	
			Pinnaspis musae	
			Poliaspis cycadis	
			Pseudaonidia trilobitiformis	
			Pseudaulacaspis longissima	
			Pseudischnaspis bowreyi	
			Pseudoparlatoria parlatorioides	
			Quadraspidiotus forbesi	Forbes's scale
			Quadraspidiotus lenticularis	Lindinger's lenticular scale

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Diaspididae	*Quadraspidiotus pyri*	pear scale
			Quadraspidiotus juglansregiae	English walnut scale
			Quadraspidiotus ostreaeformis	European fruit scale
			Selenaspidus articulatus	armoured scale
			Targionia vitis	black oak scale
			Unaspis citri	citrus snow scale
		Dinidoridae	*Megymenum brevicorne*	
		Eriococcidae	*Eriococcus azaleae* syn. *Acanthococcus azaleae*	azalea bark scale
		Eriococcidae	*Eriococcus coccineus* syn. *Acanthococcus coccineus*	cactus mealybug
		Eriococcidae	*Eriococcus coriaceus*	common gum scale

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Kerriidae	*Kerria lacca*	lac insect
		Flatidae	*Colgaroides acuminata*	mango planthopper
		Flatidae	*Dworena hyacintha*	
		Flatidae	*Metcalfa pruinosa*	mealy flata; mealy lantern fly
		Flatidae	*Siphanta hebes*	
		Liviidae	*Euphyllura olivina*	
		Lophopidae	*Pyrilla perpusilla*	Indian sugarcane leafhopper
		Lygaeidae	*Elasmolomus sordidus*	peanut trash bug
			Nysius clevelandensis	grey cluster bug
			Nysius cymoides	
			Nysius huttoni	wheat bug
			Nysius raphanus	false chinch bug
			Nysius vinitor	Australian fly bug; Rutherglen bug
			Oxycarenus arctatus	coon bug

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Lygaeidae	*Oxycarenus hyalinipennis*	cotton seed bug; dusty cotton stainer
			Oxycarenus lavaterae	
			Pirkimerus japonicus	
			Remaudiereana inornatus	
			Rhyparochromus vulgaris syn. *Elasmolomus sordi*	peanut trash bug
			Rhypodes clavicornis	
			Rhypodes serricatus	
		Marchalinidae	*Marchalina hellenica*	giant pine scale
		Margarodidae	*Drosicha townsendi*	
			Icerya aegyptiaca	Egyptian fluted scale; Egyptian mealybug
			Icerya genistae	
			Icerya seychellarum	
			Matsucoccus dahriensis	
			Matsucoccus feytaudi	pine bast scale; maritime pine scale
			Matsucoccus massoniana	
			Matsucoccus yunnanensis	
			Sonsaucoccus sinensis	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Membracidae	*Ceresa alta syn. Stictocephala bisonia*	
			Stictocephala inermis	green clover treehopper
		Miridae	*Calocoris trivialis*	
			Cyrtopeltis modesta	tomato bug
			Dionconotus cruentatus	
			Distantiella theobroma	
			Halticus bractatus	garden fleahopper
			Liocoris tripustulatus	common nettle capsid
			Lygus elisus	lucerne bug; pale legume bug
			Lygus hesperus	western plant bug
			Lygus lineolaris	American tarnished plant bug
			Monalonion velezangeli	
			Niastama punctaticollis	
			Plesiocoris rugicollis	apple capsid
			Poppiocapsidea biseratense	
			Rhinacloa forticornis	Black fleahopper; brown cotton mirid; western plant bug
			Sidnia kinbergi	
			Stenotus bifidus	
			Tenthecoris bicolor	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Ortheziidae	*Orthezia insignis*	glasshouse orthezia; jacaranda bug
		Oxycarenidae	*Jakowleffia setulosa*	
			Metapolax ditomoides	
		Pentatomidae	*Acledra dimidiaticollis*	
			Acrosternum hilare syn. Chinavia hilaris	
			Acrosternum millierei	
			Aelia rostrata	
			Antestiopsis orbitalis	
			Biprorulus bibax	
			Chlorochroa ligata	conchuela
			Chlorochroa sayi	Say's stink bug
			Dictyotus caenosus	
			Erthesina fullo	
			Eurydema oleraceum	brassica bug
			Euschistus conspersus	
			Euschistus servus	
			Euschistus tristigmus	dusky stink bug
			Euschistus variolarius	one-spot stink bug
			Fulvius dimidiatus	
			Galgupha punctifer	
			Halyomorpha picus	
			Murgantia histrionica	calico back; fire bug
			Oebalus pugnax	rice seed bug; rice stink bug
			Piezodorus guildinii	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Pentatomidae	*Plautia affinis*	green stink bug
			Rhynchocoris humeralis	
			Rhynchosporium orthosporium	leaf scald of cocksfoot
			Tessaratoma papillosa	litchi stink bug
			Thyanta custator	
			Tibraca limbativentris	rice stalk stinkbug
		Plataspidae	*Brachyplatys subaeneus*	Black bean bug
		Pseudococcidae	*Allococcus morrisoni* syn. *Paracoccus interceptus*	mealybug
			Cataenococcus guatemalensis	
			Cataenococcus hispidus	
			Crisicoccus azaleae	Azalea mealybug
			Delottococcus aberiae	
			Delottococcus confusus	
			Dysmicoccus boninsis	gray sugarcane mealybug
			Dysmicoccus brevipes	pineapple mealybug
			Dysmicoccus grassii	
			Dysmicoccus texensis	
			Exallomochlus philippinensis	
			Exallomochlus sulawesicus	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Pseudococcidae	*Ferrisia virgata*	spotted mealybug, striped mealybug, tailed coffee mealybug
			Geococcus coffeae	
			Hordeolicoccus nephelii	
			Hypogeococcus othinus	
			Hypogeococcus pungens	Harrisia cactus mealybug
			Hypogeococcus spinosus	
			Maconellicoccus hirsutus	hibiscus mealybug
			Maconellicoccus multipori	
			Neotrionymus monstatus	
			Nesticoccus sinensis	
			Nipaecoccus filamentosus	
			Nipaecoccus viridis	cotton mealybug; globular coffee mealybug
			Oracella acuta	
			Palmicultor palmarum	palm mealybug
			Paracoccus burnerae	oleander scale

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Pseudococcidae	*Paracoccus marginatus*	marginal mealybug; papaya mealybug
			Paracoccus solani	
			Phenacoccus avenae	oat mealybug
			Phenacoccus gossypii	Mexican mealybug
			Phenacoccus graminicola	
			Phenacoccus madeirensis	
			Phenacoccus mangiferae	
			Phenacoccus manihoti	cassava mealybug
			Phenacoccus parvus	lantana mealybug
			Phenacoccus solani	
			Phenacoccus solenopsis	cotton mealybug
			Planococcoides njalensis	West African cocoa mealybug
			Planococcus bagmaticus	
			Planococcus bendovi	
			Planococcus ficus	grape mealybug
			Planococcus kenyae	common coffee mealybug
			Planococcus lilacinus	cacao mealybug
			Planococcus litchi	
			Planococcus minor	guava mealybug

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Pseudococcidae	*Planococcus philippinensis*	
			Pseudococcus affinis syn. *Pseudococcus viburni*	Californian mealybug
			Pseudococcus apoplanus	
			Pseudococcus aurantiacus	
			Pseudococcus baliteus	
			Pseudococcus calceolariae	citrophilus mealybug
			Pseudococcus cryptus	
			Pseudococcus dendrobiorum	Dendrobium mealybug
			Pseudococcus elisae	banana mealybug
			Pseudococcus jackbeardsleyi	Jack Beardsley mealybug
			Pseudococcus landoi	
			Pseudococcus longispinus	long-tailed mealybug
			Pseudococcus maritimus	grape mealybug
			Pseudococcus onustus	
			Pseudococcus orchidicola	
			Pseudococcus philippinicus	
			Pseudococcus similans	
			Puto mexicanus	
			Rastrococcus iceryoides	mango mealybug
			Rastrococcus invadens	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Pseudococcidae	*Rastrococcus spinosus*	
			Rastrococcus truncatispinus	
			Rhizoecus americanus	root mealybug
			Rhizoecus cacticans	
			Rhizoecus falcifer	ground mealybug
			Rhizoecus saintpauliae	
			Ripersiella hibisci	root mealybug
			Ripersiella multiporifera	
			Saccharicoccus sacchari	pink sugarcane mealybug
			Spilococcus mamillariae	
			Trionymus bambusae	
			Trionymus lumpurensis syn. *Palmicultor lumpurensis*	bamboo mealybug
			Vryburgia amaryllidis	
			Vryburgia rimariae	
			Vryburgia succulentarum	
			Dysmicoccus insulae	
			Dysmicoccus mackenziei	
			Dysmicoccus neobrevipes	gray pineapple mealybug
			Dysmicoccus nesophilus	mealybug
		Psyllidae	*Acizzia acaciaebaileyana*	jumping plant louse
			Acizzia uncatoides	acacia psyllid
			Cacopsylla pyri	pear sucker

			Microceropsylla nigra	
		Pyrrhocoridae	*Dindymus versicolor*	harlequin bug
			Dysdercus cingulatus	red cotton bug
			Dysdercus peruvianus	
			Largus convivus	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Rhopalidae	*Boisea trivittata* syn. *Leptocoris trivittatus*	box-elder bug
			Leptocoris mitellata	
		Rhyparochromidae	*Brentiscerus putoni*	
		Rhyparochromidae	*Dieuches armatipes*	
		Rhyparochromidae	*Dieuches notatus*	
		Ricaniidae	*Scolypopa australis*	passionvine hopper
		Scutelleridae	*Eurygaster austriaca*	
			Eurygaster integriceps	senn pest, sunn pest
		Sternorrhyncha	*Pealius mori*	
			Trioza erytreae	citrus psylla
			Trioza magnisetosa	
		Thaumastocoridae	*Thaumastocoris peregrinus*	
		Tingidae	*Cochlochila bullita*	Basil Lace bug, Ocium tingid
			Corythauma ayyari	
			Corythucha arcuata	oak lace bug
			Corythucha cydoniae	hawthorn lace bug
			Corythucha gossypiii	
			Corythucha juglandis	
			Corythucha salicata	
			Eteoneus angulatus	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hemiptera (aphids, scale and other bugs)	Tingidae	*Monosteira unicostata*	
			Phatomoma annalipesconcisa	
			Stephanitis pyri	pear lace bug
			Stephanitis rhododendri	rhododendron lace bug
			Stephanitis takeyai	andromeda lace bug
			Urentius hystricellus	eggplant lace bug
		Triozidae	*Bactericera cockerelli*	potato psyllid
			Bactrocera boisduvali	
			Bactericera trigonica	
			Trioza apicalis	
	Heteroptera	Miridae	*Creontiades dilutus*	green mirid
	Hymenoptera (wasps, bees and ants)	Apidae	*Argyrotaenia pulchellana*	African honey bee
		Argidae	*Aproceros leucopoda*	
		Bruchophagus	*Bruchophagus fellis*	citrus gall wasp
		Cephidae	*Cephus pygmeus*	European wheat stem sawfly
		Cynipidae	*Diplolepis radicum*	rose root gall wasp

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hymenoptera (wasps, bees and ants)	Diprionidae	*Diprion pini*	pine sawfly
			Diprion similis	introduced pine sawfly
			Gilpinia hercyniae syn. Diprion hercyniae	European spruce sawfly
			Neodiprion abietis	balsam-fir sawfly; spruce sawfly
		Eulophidae	*Quadrastichus erythrinae*	erythrina gall wasp
		Eurytomidae	*Bruchophagus roddi*	alfalfa seed chalcid
			Eurytoma samsonovi	
			Eurytoma schreineri	
		Formicidae	*Atta sexdens*	
			Camponotus compressus	
			Camponotus conspicuus zonatus	
			Camponotus lateralis	
			Camponotus sexgnttatus	
			Dolichoderus thoracicus	
			Dolichotetranychus floridanus	
			Hypoponera punctatissima	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hymenoptera (wasps, bees and ants)	Formicidae	*Iridomyrmex humilis* syn. *Linepithema humile*	
			Iridomyrmex purpureus	Australian meat ant
			Lepisiota frauenfeldi	
			Liometopum occidentale	Velvety tree ant
			Nylanderia bourbonica	robust crazy ant
			Nylanderia vaga	
			Monomorium antarcticum	
			Monomorium destructor	Singapore ant
			Monomorium indicum	
			Oecophylla smaragdina	green tree ant; kurukum
			Paracryotocerus pusillus syn. *Cephalotes pusillus*	
			Paratrechina longicornis	crazy ant
			Pheidole fervens	
			Pheidole megacephala	big-headed ant
			Solenopsis geminata	tropical fire ant
			Solenopsis invicta	red imported fire ant
			Solenopsis richteri	black imported fire ant
			Tapinoma indicum	
			Tapinoma melanocephalum	ghost ant
			Tapinoma simrothi	
			Tetramorium caespitum	Pavement ant
			Tetramorium pacificum	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hymenoptera (wasps, bees and ants)	Formicidae	*Tetramorium simillimum*	
			Tetramorium tonganum	
			Tetraponera rufonigra	
			Wasmannia auropunctata	Little fire ant
		Pamphiliidae	*Cephalcia abietis*	
			Neurotoma saltuum syn. *Neurotoma flaviventris*	pear web-spinning sawfly; social pear sawfly
		Siricidae	*Sirex areolatus*	western horntail
			Sirex noctilio	steel-blue wood wasp
			Tremex columba	pigeon tremex
			Urocerus albicornis	black horntail sawfly
			Urocerus californicus	
			Urocystis occulta	
			Xeris morrisoni	
			Xeris tarsalis	
		Tenthredinidae	*Emphytus cinctus* syn. *Allantus cinctus*	curled rose sawfly
			Ametastegia glabrata	dock sawfly
			Ametastegia tener	
			Caliroa cerasi	pear and cherry slugworm
			Cladardis elongatula	rose shoot sawfly
			Cladius difformis	antler sawfly

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Hymenoptera (wasps, bees and ants)	Tenthredinidae	*Endelomyia aethiops*	American rose slug
			Hoplocampa brevis	pear sawfly
			Hoplocampa danfengensis	
			Hoplocampa fulvicornis	
			Monophadnoides geniculatus	
			Nematus desantisi	
			Nematus ribesii	common gooseberry sawfly; currant sawfly
			Pristiphora abbreviata	California pear sawfly
			Pristiphora abietina	gregarious spruce sawfly
			Pristiphora rufipes	green currant worm
	Isoptera (termites)	Crambidae	*Diaphania nitidalis*	cucumber worm, pickleworm
		Hodotermitidae	*Porotermes quadricollis*	
		Kalotermitidae	*Cryptotemes brevis*	tropical rough-headed powder-post termite
			Incistermes minor	
			Kalotermes flavicollis	yellow-necked dry-wood termite

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Isoptera (termites)	Rhinotermitidae	*Coptotermes acinaciformis*	
			Coptotermes curvignathus	
			Coptotermes formosanus	Formosan termite
			Coptotermes gestroi	hevea termite
			Coptotermes sjostedti	
			Heterotemes convexinotatus	
			Heterotermes tenuis	subterranean termite
			Reticulitermes hesperus	western subterranean termite
		Termitidae	*Nasutitermes corniger*	
			Odontotermes formosanus syn. *Termes formosanus*	
		Termopsidae	*Zootermopsis angusticollis*	common damp-wood termite
	Lepidoptera (butterflies and moths)	Arctiidae	*Estigmene acrea*	salt-marsh caterpillar
			Spilosoma virginica	yellow woolly bear
		Brahmaeidae	*Brahmaea wallichii*	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Castniidae	*Paysandisia archon*	
		Choreutidae	*Choreutis pariana*	apple and thorn skeletonizer
		Coleophoridae	*Coleophora hemerobiella*	grey fruit-tree case moth
			Coleophora sacramenta	
		Cosmopterigidae	*Anatrachyntis rileyi*	pink corn worm
		Cossidae	*Dyspessa ululа*	garlic borer, garlic moth, onion carpenter worm
			Zeuzera coffeae	red coffee borer
			Zeuzera pyrina	leopard moth
		Crambidae	*Chilo auricilius*	gold-fringed borer
			Chilo partellus	durra stem borer
			Chilo plejadella	American rice stalk borer
			Chilo sacchariphagus	cane moth borer
			Crocidolomia pavonana syn. *Crocidolomia binotalis*	cabbage caterpillar
			Desmia funeralis	grape leaf folder
			Diaphania hyalinata	melon caterpillar
			Diaphorina citri	Asian citrus psyllid, citrus psylla
			Diatraea crambidoides	Southern cornstalk borer

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Crambidae	*Duponchelia fovealis*	
			Eudonia paltomacha	
			Eudonia psammitis	
			Leucinodes orbonalis	brinjal fruit borer
			Noorda albizonalis syn. *Deanolis sublimbalis*	red-banded mango caterpillar
			Omiodes diemenalis syn. *Hedylepta diemenalis*	
			Omphisa anastomosalis	sweet potato stem borer
			Palpita quadristigmalis	four-spotted palpita moth; privet webworm
			Parapoynx stagnalis	paddy case-bearer; rice case-bearer
			Scirpophaga incertulas	nutgrass armyworm
			Scirpophaga innotata	white paddy stem borer
		Depressariidae	*Depressaria erinaceella*	globe artichoke moth
			Psorosticha zizyphi	citrus leaf-roller moth
		Erebidae	*Orgyia postica*	
		Gelechiidae	*Exoteleia nepheos*	pine candle moth
		Gelechiidae	*Keiferia lycopersicella*	tomato pinworm

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Gelechiidae	*Schneidereria pistaciicola*	pistachio fruit moth
			Scrobipalpa absoluta	
			Scrobipalpa heliopa	
			Symmetrischema plaesiosema	
			Tecia solanivora	Central American potato tuber worm
		Geometridae		
			Alsophila aescularia	March moth
			Alsophila pometaria	fall cankerworm
			Apocheima cinerarium	
			Ascotis selenaria reciprocaria	giant looper
			Bupalus pinarius	
			Lambdina fiscellaria	hemlock looper
			Nepytia semiclusaria	evergreen spanworm; pine conelet looper
			Paleacrita vernata	pear spring cankerworm; spring cankerworm
			Phrissogonus laticostata	
			Sabulodes aegrotata	
		Gracillariidae	*Caloptilia syringella*	lilac leaf miner
			Cameraria ohridella	horse-chestnut leaf miner
			Conopomorpha cramerella	cacao moth
			Conopomorpha sinensis	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Gracillariidae	*Lithocolletis crataegella*	spotted tentiform leaf miner
			Marmara gulosa	citrus peelminer
			Marmara pomonella	apple fruit miner
			Phyllocnistis perseafolia	
			Phyllonorycter blancardella	
			Phyllonorycter messaniella	
		Hepialidae	*Wiseana cervinata*	
			Wiseana jocosa	
			Wiseana signata	
		Hesperiidae	*Erionota torus*	
		Hyblaeidae	*Hyblaea puera*	teak leaf defoliator
		Lasiocampidae	*Dendrolimus pini*	
			Dendrolimus punctatus	Masson pine caterpillar
			Malacosoma americanum	apple tent caterpillar
			Malacosoma californicum	California tent caterpillar
			Malacosoma disstria	forest tent caterpillar

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Limacodidae	*Darna pallivita*	
			Parasa lepida	blue-striped nettle grub; castor slug caterpillar
		Lymantriidae	*Euproctis chrysorrhoea*	brown-tail moth
			Orgyia australis	
			Orgyia pseudotsugata	douglas-fir tussock moth
			Orgyia vetusta	
			Pantana phyllostachysae	
			Porthesia scintillans	
			Sarsina violascens	purple moth
			Teia anartoides	painted apple moth
		Lyonetiidae	*Leucoptera malifoliella*	pear leaf blister moth
		Nepticulidae	*Stigmella incognitella*	
			Stigmella malella	apple pygmy moth
		Noctuidae	*Achaea janata* syn. *Ophiusa melicerta*	croton caterpillar
			Amphipyra pyramidoides	
			Anticarsia gemmatalis	velvet-bean caterpillar, woolly pyrol moth

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Noctuidae	*Autographa californica*	alfalfa looper
			Bombotelia jocosatrix syn. *Penicillaria jocosatrix*	large mango tipborer
			Busseola fusca	Maize stalk borer
			Caradrina clavipalpis	pale mottled willow
			Ceramica pisi	
			Chlumetia transversa	mango shoot borer
			Chrysodeixis chalcites	golden twin-spot moth
			Chrysodeixis includens	
			Dargida procinctus	Olive Green Cutworm, Girdler Moth
			Diarsia intermixta	
			Earias insulana	spiny bollworm
			Egira curialis	citrus cutworm
			Graphania mutans	
			Heliothis virescens syn. *Chloridea virescens*	tobacco budworm
			Heliothis gelotopoeon	
			Heliothis punctigera	
			Heliothis zae	
			Hydraecia micacea	potato stem borer; rosy rustic moth

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Noctuidae	*Lithophane antennata*	green fruit worm
			Mocis latipes syn. *Mocis repanda*	grass looper; guinea grass moth
			Mythimna convecta syn. *Pseudaletia convecta*	common armyworm; common Australian armyworm
			Mythimna unipuncta	American armyworm; true armyworm
			Neumichtis saliaris	
			Noctua pronuba	common yellow underwing moth; large yellow underwing moth
			Orthosia hibisci	
			Othreis materna syn. *Eudocima materna*	dot underwing moth; fruit piercing moth
			Panolis flammea	pine beauty moth
			Papaipema nebris	common stalk borer
			Peridroma clerica	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Noctuidae	*Plathypena scabra*	green clover worm
			Sesamia calamistis	African pink borer
			Sesamia cretica	corn pink borer
			Sesamia nonagrioides	
			Spodoptera eridania	semitropical armyworm
			Spodoptera exempta	African armyworm
			Spodoptera frugiperda	corn leaf worm
			Spodoptera littoralis	cotton leafworm
			Spodoptera mauritia	grass armyworm
			Spodoptera ornithogalli	yellow-striped armyworm
			Spodoptera praefica	western yellow-striped armyworm
			Thysanoplusia orichalcea	pea semilooper
			Tiracola plagiata	banana fruit caterpillar
		Notodontidae	*Datana ministra*	yellow-necked caterpillar
			Schizura concinna	red-humped caterpillar
			Stauropus alternus	lobster caterpillar
			Thaumetopoea pityocampa	pine processionary caterpillar, stone-pine processionary caterpillar
			Thaumetopoea processionea	oak processionary caterpillar

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Oecophoridae	*Endrosis sarcitrella*	white-shouldered house moth
			Maroga melanostigma	
			Parocystola acroxantha	
			Stenoma catenifer	avocado seed moth
		Papilionidae	*Papilio aegeus*	large citrus butterfly; orange butterfly
			Papilio demodocus	Christmas butterfly
			Papilio demoleus	citrus swallowtail; lemon caterpillar
			Papilio polytes	
		Pieridae	*Colias crocea*	Clouded yellow butterfly
			Pieris brassicae	cabbage caterpillar
		Plutellidae	*Acrolepiopsis assectella*	leek moth
		Psychidae	*Hyalareta huebneri*	
			Liothula omnivora	common bagmoth
		Pterophoridae	*Diacrotricha fasciola*	
		Pyralidae	*Acrobasis tricolorella*	
			Assara albicostalis	
			Cactoblastis cactorum	cactus moth
			Citripestis eutraphera	
			Citripestis sagittiferella	
			Corcyra cepalonica	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Pyralidae	*Cryptoblabes adoceta*	sorghum head caterpillar
			Cryptoblabes ginidiella	
			Cryptoblabes hemigypsa	
			Diasemia grammalis	
			Ectomylois ceratoniae	blunt-winged knot-horn, carob moth, locust bean moth
			Elasmopalpus lignosellus	lesser cornstalk borer
			Eldana saccharina	eldana sugarcane borer
			Ephestia vapidella	yam moth
			Euzophera osseatella	eggplant stem borer
			Euzophora semifuneralis	
			Ostrinia nubilalis	European corn borer; maize pyralid
			Paramyelois transitella syn. *Amyelois transitella*	navel caterpillar; navel-orange worm
			Tetralopha robustella	pine webworm
			Zophodia longipennella	
		Saturniidae	*Hemileuca eglanterina*	
		Sesiidae	*Synanthedon exitiosa* syn. *Sanninoidea exitiosa*	peach borer

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Sesiidae	*Synanthedon myopaeformis*	apple borer
			Synanthedon pictipes	lesser peach borer
		Sphingidae	*Hippotion celerio*	grapevine hawk moth; silver-striped hawk moth
			Sphinx chersis	great ash sphinx
			Sphinx drupiferarum	plum tree sphinx
		Stathmopodidae	*Stathmopoda binotatus*	
			Stathmopoda skelloni	
		Tineidae	*Opogona aurisquamosa*	
			Opogona omoscopa	
			Opogona sacchari	banana moth; sugarcane borer
			Tineola bisselliella	common clothes moth
		Tortricidae	*Acleris gloverana*	western black-headed bud worm
			Acleris variana	eastern black-headed budworm, hemlock budworm

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Tortricidae	*Amorbia emigratella*	Mexican leaf roller
			Archips argyrospila	apple leaf roller, fruit-tree leaf roller
			Archips cerasivoranus	
			Archips micaceana	mulberry leaf webber, soybean leaf roller
			Archips occidentalis	
			Archips podana	fruit tree tortrix, great brown twist moth
			Archips rosana	
			Argyrotaenia citrana	orange tortrix
			Argyrotaenia sphaleropa	
			Argyrotaenia velutinana	red-banded leaf roller
			Cacoecia pronubana syn. *Cacoecimorpha pronubana*	carnation leaf roller
			Capua intractana	
			Choristoneura fumiferana	spruce budworm
			Choristoneura occidentalis	citrus leafroller
			Choristoneura rosaceana	oblique-banded leaf roller

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Tortricidae	*Clepsis spectrana*	garden tortrix
			Cnephasia jactatana	
			Cnephasia longana	omnivorous leaf tier
			Cryptophlebia ombrodelta	litchi fruit moth
			Ctenopseustis obliquana	brownheaded leafroller
			Cydia latiferreana	acorn moth, catalina cherry moth, filbert worm
			Cydia nigricana	pea moth
			Cydia packardi	cherry fruit worm
			Cydia saltitans syn. *Laspeyresia saltitans*	
			Cydia splendana	acorn moth, bright marble tortrix, nut fruit tortrix
			Cydia strobilella	spruce seed moth
			Cylas puncticollis	False codling moth, citrus codling moth, orange moth
			Epichoristodes acerbella	carnation worm
			Epinotia aporema	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Tortricidae	*Epiphyas postvittana*	apple leaf roller, Australian leaf roller, light-brown apple moth
			Epiphyas pulla	
			Harmologa amplexana	
			Harmologa oblongana	
			Harmologa amplexana	
			Homona coffearia	coffee tortrix; tea flushworm
			Isotenes miserana	orange fruit borer
			Lasiothyris luminosa	American grapevine moth
			Lobesia botrana	European grapevine moth; grape berry moth
			Merophyas divulsana	lucerne leaf roller; lucerne webworm
			Pammene fasciana	chestnut leaf roller
			Pammene rhediella	fruitlet mining tortrix
			Pandemis cerasana	common currant tortrix; currant twist moth
			Pandemis limitata	three-lined leaf roller

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Tortricidae	*Pandemis pyrusana*	apple pandemis
			Planotortrix excessana syn. *Tortrix excessana*	orchard leaf roller
			Planotortrix flavescens	
			Planotortrix octo	
			Platynota idaeusalis	tufted apple bud moth
			Platynota stultana	omnivorous leaf roller
			Platynota flavedana	rusty brown tortricid
			Polychrosis viteana syn. *Paralobesia viteana*	grape berry moth
			Polychrosis (Lobesia) cunninghamiacola	
			Proeulia auraria	
			Proeulia chrysopteris	
			Proeulia triquetra	
			Pyrgotis plagiatana	
			Rhyacionia buoliana	European pine shoot moth
			Rhyacionia bushnelli	
			Rhyacionia frustrana	Western pine tip moth

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Lepidoptera (butterflies and moths)	Tortricidae	*Strepsicrates macropetana*	
			Tortrix capensana	
			Tortrix viridana	
			Taniva albolineana	spruce needleminer
		Yponomeutidae	*Prays citri*	citrus flower moth
			Prays endocarpa	
			Prays parilis	
		Zygaenidae	*Harrisina brillians*	
	Psocodea	Liposcelididae	*Liposcelis bostrychopila*	
	Orthoptera	Acrididae	*Calliptamus italicus*	Italian locust
			Ceracris kiangsu	
			Dociostaurus maroccanus	Moroccan locust
			Melanoplus bivittatus	Two-striped grasshopper
			Melanoplus differentialis	Differential grasshopper
			Melanoplus femurrubrum	
			Patanga succincta	Bombay locust
			Schistocerca cancellata	
			Schistocerca gregaria	desert locust
		Gryllidae	*Acheta domesticus*	European hearth cricket
			Teleogryllus commodus	common field cricket
		Gryllotapidae	*Gryllotalpa gryllotalpa*	mole cricket
			Gryllotalpa unispina	single-spiked mole cricket
		Pyrgomorphidae	*Zonocerus variegatus*	elegant grasshopper
		Tetrigidae	*Paratettrix mexicanus*	
		Tettigoniidae	*Cosmophyllum pallidulum*	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Sternorryncha	Aphididae	*Chaetosiphon fragaefolii*	strawberry aphid
	Thysanoptera (thrips)	Aeolothripidae	*Desmothrips australis*	
			Desmothrips tenuicornis	
		Phlaeothripidae	*Gynaikothrips ficorum*	Cuban laurel thrips
			Haplothrips distinguendus	
			Haplothrips froggatti	
			Haplothrips gowdeyi	
			Haplothrips tritici	
			Haplothrips victoiensis	
		Thripidae	*Anaphothrips occidentalis*	
			Anaphothrips sudanensis	
			Anomothrips associatus	
			Caliothrips fasciatus	bean thrips
			Caliothrips indicus	black thrips, onion thrips
			Ceratothrips discolor	
			Ceratothrips frici	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Thysanoptera (thrips)	Thripidae	*Chaetanaphothrips orchidii*	Banana rust thrip
			Chirothrips aculeatus	
			Chirothrips mexicanus	
			Dichromothrips corbetti	vanda thrips
			Dichromothrips smithi	
			Drepanothrips reuteri	grape thrips
			Echinothrips americanus	
			Frankliniella bispinosa	Florida flower thrips
			Frankliniella cephalica	avocado blossom thrips
			Frankliniella cestrum	
			Frankliniella fusca	tobacco thrips
			Frankliniella gardeniae	
			Frankliniella gemina	
			Frankliniella insularis	Cuban flower thrips, West Indian flower thrips
			Frankliniella kelliae	
			Frankliniella schulteze	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Thysanoptera (thrips)	Thripidae	*Frankliniella tritici*	common flower thrips, peach flower thrips, strawberry thrips
			Frankliniella williamsi	
			Heliothrips sylvanus	
			Hercinothrips bicinctus	banana-silvering thrips; smilax thrips
			Kakothrips pisivorus	bean thrips; blackfly
			Limothrips angulicornis	
			Limothrips cerealium	
			Megalurothrips sjostedti	bean flower thrips
			Megalurothrips ustitatus	
			Melanthrips fuscus	
			Pseudanaphothrips achaetus	hairless flower thrips
			Retithrips syriacus	black vine thrips
			Rhipiphorothrips cruentatus	
			Scirtothrips albomaculata	
			Scirtothrips aurantii	South African citrus thrips
			Scirtothrips citri	California citrus thrips

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Insects	Thysanoptera (thrips)	Thripidae	*Scirtothrips kenyensis*	
			Scirtothrips singnipennis	
			Selenothrips rubrocinctus	cacao thrips
			Taeniothrips meridionalis	
			Taeniothrips mexicanus	
			Thrips angusticeps	cabbage thrips
			Thrips australis	eucalyptus thrips
			Thrips fuscipennis	rose thrips
			Thrips imaginis	plague thrips
			Thrips major	rubus thrips
			Thrips obscuratus	New Zealand flower thrips
			Thrips parvispinus	tobacco thrips
			Thrips vulgatissimus	
			Platythrips tunicatus	
Others (nematodes)	Aphelenchida	Aphelenchidae	*Aphelenchus avenae*	
	Dorylaimida	Trichodoridae	*Paratrichodorus minor*	stubby root nematode
			Paratrichodorus teres	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Others (nematodes)	Dorylaimida	Longidoridae	*Xiphinema diversicaudatum*	
			Xiphinema index	dagger nematode
	Rhabditida	Anguinidae	*Anguina agrostis*	Bent-grass nematode, grass seed eelworm, grass seed nematode
			Anguina funesta	Seed-gall nematode
			Ditylenchus khani	
			Subanguina radicicola	Grass root-gall eelworm
		Meloidogynidae	*Meloidogyne* spp. *(*except *M. arenaria, M. hapla, M. hispanica, M. incognita, M. javanica)*	
		Pratylenchidae	*Pratylenchus* spp. *(*except *P. coffeae, P. kumamotoensis, P. loosi, P. mediterraneus, P. neglectus, P. penetrans, P. pratensis, P. scribneri, P. subpenetrans, P. thornei, P. vulnus)*	
			Radopholus duriophilus	
			Radopholus similis	Burrowing nematode
	Tylenchida	Aphelenchoididae	*Aphelenchoides bicaudatus Aphelenchoides blastophthorus*	
		Belonolaimidae	*Belonolaimus longicaudatus*	
		Criconematidae	*Criconema palmatum*	
			Criconemella ornate	
			Hemicycliophora arenaria	
			Hemicycliophora truncata	
		Heteroderidae	*Globodera ellingtonae*	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Others (nematodes)	Tylenchida	Heteroderidae	*Heterodera avenae*	Cereal cyst nematode; oat cyst nematode
			Heterodera schachtii	beet cyst nematode; beet nematode
			Heterodera trifolii	clover cyst eelworm; clover cyst nematode
			Heterodera zeae	corn cyst nematode
			Punctodera chalcoensis	Mexican corn cyst nematode
		Hoplolaimidae	*Scutellonema bizanae*	
			Scutellonema clariceps	
			Helicotylenchus leiocephalus	
			Hoplolaimus galeatus	
			Hoplolaimus pararobustus	
			Hoplolaimus seinhorsti	
		Meloidogynidae	*Meloidogyne chitwoodi*	Columbia root-knot nematode
			Meloidogyne fallax	false Columbia root-knot nematode

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Others (nematodes)	Tylenchida	Meloidogynidae	*Meloidogyne floridensis*	
			Meloidogyne graminicola	
			Meloidogyne mali	apple root-knot nematode
			Meloidogyne mayaguensis	
			Meloidogyne minor	
			Meloidogyne naasi	barley root-knot nematode
			Meloidogyne oryzae	
			Meloidogyne partityla	
		Pratylenchidae	*Hirschmanniella diversa*	
			Hirschmanniella gracilis	
			Nacobbus aberrans	false root-knot nematode
			Pratylenchus brachyurus	
			Pratylenchus crenatus	
			Pratylenchus fallax	
			Pratylenchus goodeyi	
			Pratylenchus zeae	corn root-lesion nematode
			Zygotylenchus guevarai	
		Rotylenchulidae	*Rotylenchulus reniformis*	reniform nematode
			Rotylenchus brevicaudatus	
			Rotylenchus buxophilus	
	Unassigned	Unassigned	*Pratylenchus hippeastri*	
			Pratylenchus panamaensis	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Others (molluscs)	Sigmurethra	Agriolimacidae	*Deroceras agreste*	field slug
			Deroceras laeve	brown slug
		Arionidae	*Arion ater*	common black slug, giant slug, large red slug
			Arion hortensis	common garden slug, potato slug, yellow-soled slug
		Helicidae	*Cepaea hortensis*	garden snail, smaller banded snail, white-lipped snail
			Helix aperta syn. Cantareus apertus	green garden snail
			Helix aspersa syn. Cryptomphalus aspersus	brown garden snail
			Otala lactea	milk snail; milky snail
			Otala vermiculata	
			Theba pisana	Mediterranean white snail
		Hygromiidae	*Candidula intersecta*	wrinkled snail
			Cernuella virgata	striped snail, vineyard snail
			Cochlioella barbara syn. *Prietocella barbara*	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Others (molluscs)	Sigmurethra	Hygromiidae	*Helicella conspurcata*	
			Helicella cretica	
		Limacidae	*Lehmannia poirieri*	Canadian slug; Iberian slug
			Lehmannia valentiana	Canadian slug; Iberian slug
		Milacidae	*Milax gagates*	black-keeled slug; greenhouse slug
		Subulinidae	*Rumina decollata*	
	Stylommatophora	Ariophantidae	*Tanychlamys indica*	
		Bradybaenidae	*Bradybaena serotina*	
		Helicidae	*Cepaea nemoralis*	Brown-lipped, or banded snail
		Oxychilidae	*Oxychilus draparnaudi*	
		Philomycidae	*Meghimatium pictum*	
		Valloniidae	*Vallonia excentrica*	
	Systellommatophora	Veronicellidae	*Vaginulus occidentalis*	
			Veronicella leydigi	
Others	Lulida	Blaniulidae	*Blaniulus guttulatus*	
Fungal diseases	Amphisphaeriales	Sporocadaceae	*Sarcostroma grevilleae*	
	Agaricales	Psathyrellaceae	*Coprinus micaceus* syn. *Coprinellus micaceus*	glistening inkcap
			Coprinus psychromorbidus	
			Coprinus truncorum	
	Blastocladiales	Physodermataceae	*Physoderma alfalfa*	crown wart of lucerne

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Blastocladiales	Physodermataceae	*Physoderma leproides*	
			Physoderma maydis	brown spot of corn
	Botryosphaeriales	Botryosphaeriaceae	*Botryosphaeria stevensii*	shoot blight of larch, twig die-back of larch
			Diplodia citricola	
			Diplodia maydis	
			Diplodia oryzae	
			Dothiorella aromatica	
			Dothiorella dominicana	stem-end rot of mango
			Dothiorella foderata	
			Dothiorella sarmentorum	
			Dothiorella ulmi	canker of elm
			Fusicoccum luteum	
			Microdiplodia heteroclita	
			Neofusicoccum australe	drupe rot of olive
			Neoscytalidium novaehollandiae	
			Sphaeropsis tumefaciens	branch knot of citrus
			Stenocarpella macrospora	dry rot of ears and stalks of maize

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Botryosphaeriales	Phyllostictaceae	*Guignardia musae*	
			Phyllosticta arxii	
			Phyllosticta capitalensis	
			Phyllosticta draconis	
			Phyllosticta solitaria	blotch of apple
			Phyllosticta virginiana	
		Unassigned	*Hendersonula toruloidea* syn. *Neoscytalidium dimidiatum*	branch wilt of apple; branch wilt of walnut; dieback of grapevine
	Capnodiales	Davidiellaceae	*Acroconidiella tropaeoli*	
		Mycosphaerellecaeae	*Asperisporium caricae*	black spot of papaya
			Cercospora angolensis syn. *Pseudocercospora angolensis*	fruit spot of citrus
			Cercospora duddiae	leaf spot of garlic
			Cercospora fuligniosa	
			Cercospora medicanis	
			Cercospora papayae	
			Cercospora richardiaecola	
			Cercosporella rubi	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Capnodiales	Mycosphaerellacaeae	*Deightoniella torulosa*	black tip of banana
			Mycosphaerella angulata	angular leaf spot of grapevine
			Mycosphaerella brassicicola	ring spot of cabbage; ring spot of cauliflower
			Mycosphaerella caricae	pasmo disease of flax
			Mycosphaerella fijiensis	
			Mycosphaerella linicola	spasm disease of linseed
			Mycosphaerella musicola	leaf spot of banana; sigatoka disease of banana
			Mycosphaerella ribis	leaf spot of currant; leaf spot of gooseberry
			Mycovellosiella concors	leaf blotch of potato
			Pseudocercospora actinidiae	
			Pseudocercospora anglolensis	
			Pseudocercospora punicae	
			Pseudocercospora purpurea	leaf spot of avocado
			Ramularia carthami	leaf spot of safflower
			Scirrhia pini	blight of pine
			Septocyta ruborum syn. *Rhabdospora ruborum*	cane spot of blackberry

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Capnodiales	Mycosphaerellaceae	*Septogloeum kaki*	
			Septoria ampelina	melanose of grapevine
			Septoria carthami	leaf spot of safflower
			Septoria citri	leaf spot of citrus
			Septoria dianthi	
			Septoria lactucicola	
			Septoria leucanthemi	leaf blight of chrysanthemum
			Septoria lycopersici var. malagutii	blight of tomato
			Septoria oudemansii	
			Septoria passerinii	
			Rhizoctonia tuliparum	grey bulb rot of tulip
	Ceratobasidiales	Ceratobasidiaceae	*Rhizoctonia leguminicola*	
	Chaetothyriales	Herpotrichiellaceae	*Phialophora cinerescens*	phialophora wilt of carnation
			Phialophora gregata	
			Phialophora malorum	
			Phialophora parasitica	wilt of date palm

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Corticiales	Corticiaceaea	*Corticium galactinum*	
			Corticium koleroga	black rot of coffee
			Corticium salmonicolor	
			Corticium stevensii	
			Laetisaria fuciformis	red thread disease of turf
	Diaporthales	Diaporthaceae	*Diaporthe vaccinii*	blight of blueberry, fruit rot of blueberry, phomopsis canker and dieback of blueberry
			Fusicoccum amygdali syn. *Phomopsis amygdali*	canker of almond
			Diaporthe helianthi syn. *Phomopsis helianthi*	
			Phomopsis mangiferae	
			Phomopsis padina	
			Phomopsis sclerotioides	
		Gnomoniaceae	*Gnomonia comari* syn. *Gnomonia fructicola*	fruit rot of strawberry
		Melanconidaceae	*Coniella castaneicola*	parasite of dying plant tissues
			Coryneum megaspermum	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Diaporthales	Melanconidaceae	*Tubakia dryina*	leaf spot of red oak
			Melanconium fuligineum	American rot of grapes; bitter rot of grapevine
		Unassigned	*Botryodiplodia caricae*	
			Botryodiplodia hypodermia	twig canker of elm
		Valsaceae	*Cryptodiaporthe populea*	canker of poplar
			Discula destructiva	anthracnose of dogwood
			Leucostoma cinctum syn. *Valsa cincta*	dieback of stone fruit
	Dothideales	Dothioraceae	*Aureobasidium zeae* syn. *Kabatiella zeae*	eye spot of maize
		Pleosporaceae	*Exserohilum holmii*	
			Pyrenophora biseptata	
		Unassigned	*Stigmina carpophylla*	
	Entylomatales	Entylomataceae	*Entyloma calendulae f. sp. dahliae*	leaf smut of dahlia
	Erysiphales	Erysiphaceae	*Acrosporium tingitaninum* syn. *Oidium tingitaninum*	dieback of citrus
			Erysiphe betae	powdery mildew of beet
			Oidium caricae-papayae	powdery mildew of papaya; white mould of papaya
			Ovulariopsis caricae	
			Phyllactinia papayae	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Eurotiales	Trichocomaceae	*Geosmithia morbida*	
		Trichodoridae	*Penicillium ulaiense*	
	Helotiales	Dermateaceae	*Atropellis pinicola*	branch canker of pine, trunk canker of pine, twig blight of pine
			Atropellis piniphila	branch canker of pine, trunk canker of pine, twig blight of pine
			Blumeriella jaapii	Cherry leaf spot
			Fabraea maculata syn. *Diplocarpon maculatum*	black spot of pear
			Pezicula alba syn. *Neofabraea alba*	bark canker of apple
			Pezicula malicorticis syn. *Neofabraea malicorticis*	fruit rot of apple
			Pezizella oenotherae syn. *Hainesia lythri* syn. *Discohainesia oenotherae*	black lesion root rot of strawberry
			Phlyctema caulium	
			Pseudocercosporella herpotrichoides syn. *Oculimacula yallundae*	eyespot of cereals
			Pseudofabraea citricarpa	
			Pyrenopeziza brassicae	
			Pseudopeziza medicaginis	leaf spot of lucerne
			Pseudopeziza tracheiphila	red fire disease of grapevine

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Helotiales	Helotiaceae	*Gremmeniella abietina*	brunchorstia disease of pine
			Hymenoscyphus pseudoalbidus syn. *Hymenoscyphus fraxineus*	ash dieback; dieback of ash
		Hyaloscyphaceae	*Lachnellula willkommii*	stem canker of larch
		Phacidiaceae	*Phacidiopycnis pseudotsugae* syn. *Phacidium coniferarum*	bark canker of conifers
		Rutstroemiaceae	*Lambertella jasmini*	
			Lambertella pruni	
		Sclerotiniaceae	*Botrytis anthophila*	
			Ciborinia camelliae	flower blight of camellia, petal blight of camellia, sclerotinia blight of camellia
			Gloeotinia temulenta	blind seed disease of grasses
			Phaeosclerotinia nipponica	
			Stromatinia gladioli	dry rot of gladiolus
			Valdensinia heterodoxa	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Hymenochaetales	Hymenochaetaceae	*Cryptoderma yamanoi*	
			Fomitiporia mediterranea	
			Inonotus weirii syn. *Pheliinus weirii*	
			Phellinus igniarius	white heart rot of trees
			Phellinus pomaceus	heart rot of plum
	Hypocreales	Clavicipitaceae	*Claviceps africana*	ergot of sorghum
			Claviceps gigantean	Ergot
		Hypocreaceae	*Verticillium tricorpus*	
			Volutella pachysandricola syn. *Pseudonectria pachysandricola*	dieback of Pachysandra terminalis
		Nectriaceae	*Cylindrocladium buxicola*	box blight
			Cylindrocladium canadense	
			Dactylonectria torresensis	
			Fusarium coeruleum	dry rot of potato, root rot of sugarbeet
			Fusarium crookwellense	
			Fusarium culmorum	culm rot of cereals
			Fusarium euwallaceae	
			Fusarium oxysporum f. sp. *albedinis*	bayoudh disease of date palm
			Fusarium oxysporum f. sp. *cattleyae*	
			Fusarium oxysporum f. sp. *citri*	fusarium wilt of citrus
			Fusarium oxysporum f. sp. *cubense*	Panama disease of banana
			Fusarium oxysporum f. sp. *passiflorae*	fusarium wilt of passionfruit

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Hypocreales	Nectriaceae	*Fusarium oxysporum var. redolens* *Fusarium semitectum var. majus*	
			Fusarium solani sp. cucurbitae	root rot of cucurbits
			Fusarium stiboides	
			Gibberella cyanogena	dry rot of potato
			Gibberella persicaria	dry rot of potato
			Nectria coccinea *Nectria rigidiuscula*	bark disease of beech
			Nectriella pironii	
			Pseudonectria buxi	
			Sphaerostilbe repens	
		Unassigned	*Acremonium diospyri*	
		Unknown	*Fusariella concinna*	
	Microascales	Ceratocystidaceae	*Ceratocystis fagacearum*	oak wilt, wilt of oak
			Ceratocystis ficicola	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Microascales	Ceratocystidaceae	*Ceratocystis fimbriata*	black rot of sweet potato, blight of mango, canker of coffee
			Ceratocystis paradoxa	basal dry rot of coconut
			Ceratocystis ulmi	
			Ceratocystis virescens	sapstreak disease of maple
			Chalaropsis thielavioides	black mould of rose
	Microstromatales	Microstomataceae	*Microstroma juglandis*	
	Microthyriales	Micropeltidaceae	*Stomiopeltis citri*	
		Schizothyriaceae	*Schizoteranychus asparagi*	
			Schizothyrium perexiguum	
	Mucorales	Mucoraceae	*Mucor racemosus*	moulding of tobacco
	Myriangiales	Elsinoaceae	*Elsinoe batatas*	Scab
			Elsinoe mangiferae	
			Elsinoe piri	anthracnose of pear
			Elsinoe punicae	
			Sphaceloma perseae	
	Ophiostomatales	Ophiostomataceae	*Ophiostoma wageneri*	black stain root disease of conifers; wilt of conifers
			Raffaelea lauricola	
			Raffaelea quercivora	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Ostropales	Stictidaceae	*Stictis radiata*	
	Peronosporales	Peronosporaceae	*Phytophthora chrysanthemi*	
	Phyllachorales	Glomerellaceae	*Colletotrichum chrysophilum*	
			Colletotsrichum kahawae	
			Colletotrichum karstii	
		Phyllachoraceae	*Catacauma sabal*	
			Phyllachora maydis	
			Phyllachora sacchari	
	Platygloeales	Platygloeaceae	*Helicobasidium brebissonii*	root rot of asparagus, violet root rot of apple
	Pleosporales	Coniothyriaceae	*Coniothyrium wernsdorffiae*	Brand canker
		Didymellaceae	*Ascochyta fabae* syn. *Didymella fabae*	Blight of broad bean, leaf spot of broad bean
			Didymella applanata	spur blight of raspberry
			Didymella lycopersici	fruit rot of tomato, stem canker of tomato, stem rot of tomato
			Didymella rabiei	blight of chickpea
			Juxtiphoma eupyrena	
			Phoma andina syn. *Stagonosporopsis andigena*	black blight of potato
			Phoma destructiva var. destructiva	black spot of tomato

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Pleosporales	Didymellaceae	*Phoma exigua var. exigua*	
			Phoma exigua var. foveata	
			Phoma glomerata	
			Phoma kakivora	
			Phoma loti	
			Phoma terrestris	
		Didymosphaeriaceae	*Didymosphaeria futilis*	
		Leptosphaeriaceae	*Plenodomus destruens*	foot rot of sweet potato
		Phaeosphaeriaceae	*Leptosphaeria avenaria* syn. *Phaeosphaeria avenaria*	leaf spot of cereals; leaf spot of oat
			Phaeosphaeria herpotrichoides	leaf spotting of wheat
		Pleomassariaceae	*Helminthosporium papulosum*	black pox of apple; black pox of pear
		Pleosporaceae	*Alternaria rosae*	
			Alternaria triticina	leaf blight of wheat
			Ascochyta corticola	
			Ascochyta ligulariae	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Pleosporales	Pleosporaceae	*Ascochyta sorghi*	
			Bipolaria sacchari	eye spot of sugarcane
			Bipolaris cynodontis syn. *Cochliobolus cynodontis*	browning of bermudagrass
			Bipolaris portulacae	
			Cochliobolus australiensis	leaf blight of grasses
			Cochliobolus carbonum	ear rot of maize
			Cochliobolus hawaiiensis	leaf spot of maize
			Cochliobolus spicifer	black spot disease of chilli
			Cochliobolus victoriae	seedling blight of oat
			Curvularia clavata	black rice
			Curvularia eragrostidis	
			Curvularia fallax	
			Curvularia nicotiae	
			Curvularia oryzae	
			Curvularia ovoidea	
			Curvularia verruculosa	
			Cuvurlaria senegalensis	
			Curvularia tuberculata	
			Dactuliochaeta glycines	leaf spot of soybean
			Dendryphion penicillatum syn. *Pleospora papaveracea*	leaf blight of oilseed poppy

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Pleosporales	Pleosporaceae	*Deuterophoma tracheiphila* syn. *Plenodomus tracheiphilus*	dieback of citrus
			Drechslera gigantea	eye spot of rice
			Drechslera iridis	
			Drechslera neergaardii	
			Embellisia hyacinthi	
			Pithomyces chartarum	glume blotch of rice
			Pseudocochliobolus pallescens	leaf spot of maize
			Pyrenophora tritici-repentis	tan spot of cereals
			Setosphaeria pedicellata	
			Setosphaeria rostrata	leaf blight of maize
			Venturia cerasi	scab of cherry
	Pleosporales	Unassigned	*Centrospora acerina* syn. *Mycocentrospora acerina*	anthracnose of caraway
			Dilophospora alopecuri	plumed spore disease of cereals
			Periconia circinata	milo disease of sorghum
		Venturiaceae	*Dibotryon morbosum* syn. *Apiosporina morbosa*	black knot of cherry
	Polyporales	Fomitopsidaceae	*Fomitopsis ochroleuca*	
		Meruliaceae	*Merulius ravenelii*	

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PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Pucciniales	Coleosporiaceae	*Chrysomyxa abietis*	needle rust of fir, needle rust of spruce
			Chrysomyxa arctostaphyli	broom rust of spruce, common yellow witches' broom rust
			Coleosporium ipomoeae	needle rust of pine
			Coleosporium plumeriae	rust of frangipani
		Cronartiaceae	*Cronartium comandrae*	comandra blister rust of pine, stem rust of pine
			Cronartium comptoniae	sweet fern blister rust
			Cronartium fusiforme	Southern fusiform rust
			Endocronartium harknessii	pine-to-pine gall rust, western gall rust of pine
		Melampsoraceae	*Melampsora farlowii*	rust of hemlock; rust of tsuga
			Melampsora medusae	conifer/poplar rust; leaf rust of poplar
		Phakopsoraceae	*Cerotelium fici*	rust of fig

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Pucciniales	Phakopsoraceae	*Phakopsora meibormiae*	American soybean rust
		Phragmidiaceae	*Gymnoconia nitens*	
			Phragmidium mucronatum	rust of rose
			Phragmidium tuberculatum	rust of rose
		Pucciniaceae	*Gymnosporangium clavipes*	rust of apple
			Gymnosporangium confusum	
			Gymnosporangium juniperi-virginianae	American rust of apple
			Gymnosporangium kernianum	
			Gymnosporangium libocerdri	
			Gymnosporangium nelsonii	
			Puccinia antirrhini	rust of snapdragon
			Puccinia asparagi	rust of asparagus
			Puccinia dioicae	
			Puccinia kuehnii	rust of sugarcane
			Puccinia melanocephala	common rust of sugarcane
			Puccinia pittieriana	common rust of potato

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Pucciniales	Pucciniaceae	*Puccinia psidii*	rust of eucalyptus
			Thekopsora minima	blueberry rust
			Puccinia veronicae-longifoliae	
			Uromyces gladioli	rust of gladiolus
			Uromyces transversalis	rust of gladiolus
		Pucciniastraceae	*Naohidemyces vaccinii*	
		Uropyxidaceae	*Tranzschelia discolor f.sp. domestica*	
			Tranzschelia discolor f.sp. persica	
	Rhytismatales	Cryptomycetaceae	*Phacidiopycnis tuberivora*	dry rot of potato
			Potebniamyces pyri	phaciodiopycnis rot of pear
	Russulales	Bondarzewiaceae	*Heterobasidium annosum*	butt rot of conifers
		Lachnocladiaceae	*Scytinostroma galactinum*	
	Saccharomycetales	Metschnikowiaceae	*Nematospora coryli* syn. *Nematospora gossypii*	internal boll rot of cotton
	Sordariomycetidae	Valsaceae	*Anisogramma anomala*	blight of hazel, eastern blight of filbert
	Taphrinales	Taphrinaceae	*Taphrina bullata*	leaf blister of pear
			Taphrina communis	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Tilletiales	Tilletiaceae	*Tilletia controversa*	dwarf bunt of wheat
			Tilletia indica	Indian bunt of wheat
			Tilletia tritici	common bunt of wheat
			Tilletia walkeri	ryegrass smut
	Togniniales	Togniniaceae	*Togninia minima*	Esca disease
			Phaeoacremonium viticola	
			Phaeoacremonium minimum	
	Unassigned	Unassigned	*Cryptostroma corticale*	sooty bark disease of sycamore
			Cytosphaera mangiferae	zonate leaf spot of mango
			Phaeomoniella chlamydospora	esca of grapevine
			Polyscytalum pustulans	skin spot of potato
	Ustilaginales	Glomosporiaceae	*Angiosorus solani* syn. *Thecaphora solani*	smut of potato
			Thecaphora frezii	peanut smut
		Ustilaginaceae	*Sphacelotheca destruens*	head smut of millet
			Thecaphora solani	smut of potato
			Ustilago bullata	ear smut of Bromus

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Xylariales	Amphisphaeriaceae	*Pestalotia hartigii*	
			Pestalotiopsis malayana	
			Pestalotiopsis mangiferae	brown spot of mango
			Pestalotiopsis pini	
			Pestalotiopsis versicolor	
			Seimatosporium lichenicola syn. *Griphosphaeria corticola*	fungal canker of rose
			Seiridium cardinale	
		Diatrypaceae	*Eutypa armeniacae* syn. *Eutypa lata*	dead-arm disease of grapevine
			Eutypella parasitica	
		Hyponectriaceae	*Microdochium panattonianum*	anthracnose of lettuce; ring spot of lettuce
		Xylariaceae	*Daldinia concentrica*	carbon balls
			Hypoxylon mammatum syn. *Entoleuca mammata*	canker of aspen; canker of poplar
			Hypoxylon mediterraneum syn. *Biscogniauxia mediterranea*	charcoal disease of cork oak
			Rosellinia bunodes	black root rot of citrus

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Fungal diseases	Xylariales	Xylariaceae	*Xylaria mali*	
			Biscogniauxia marginata	
			Botryosphaeria zeae syn. *Physalospora zeae*	grey ear rot of maize
Pseudofungi	Peronosoporales	Peronosporaceae	*Peronosclerospora maydis* syn. *Sclerospora maydis*	downy mildew of maize
			Peronosclerospora philippinensis	Philippine downy mildew of maize
			Peronosclerospora sacchari	downy mildew of sugarcane
			Peronospora chlorae	
			Phytophthora austrocedrae	
			Phytophthora foliorum	leaf blight of azalea
			Phytophthora fragariae var. fragariae	lanarkshire disease of strawberry
			Phytophthora heveae	leaf blight of Brazil nut
			Phytophthora hibernalis	brown rot of citrus
			Phytophthora inundata	
			Phytophthora kernoviae	
			Phytophthora lateralis	root rot of Chamaecyparis

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Pseudofungi	Peronosoporales	Peronosporaceae	*Phytophthora macrochlamydospora*	root rot of soybean
			Phytophthora nemorosa	
			Phytophthora occultans	
			Phytophthora pinifolia	needle disease of Pinus radiata
			Phytophthora porri	
			Phytophthora quercina	
			Phytopthora alni	root disease of alder
	Pythiales	Pythiaceae	*Peronophythora litchii*	downy blight of litchi
			Pythium echinulatum	
			Pythium mamillatum	
			Pythium splendens	blast of oil palm
			Pythium vexans	damping-off
	Saprolegniales	Saprolegniaceae	*Aphanomyces euteiches*	root rot of bean
Bacterial diseases	Acholeplasmatales	Acholeplasmataceae	*Phytoplasma*	
			Aster yellow phytoplasma	AIWB, witches' broom of almond
			Phytoplasma	Cadidatus phytoplasma aurantifolia

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Bacterial diseases	Acholeplasmatales	Acholeplasmataceae	*Phytoplasma*	Cadidatus phytoplasma pini
				Candidatus phytoplasma americanum
				Candidatus Phytoplasma cynodontis
				Candidatus phytoplasma phoenicium
				Palm lethal yellowing phytoplasma
				Peach rosette phytoplasma
				Peach X disease phytoplasma
				Peach yellow phytoplasma
				Phytoplasma australiense
				Picris echioides
				Potato witches` broom phytoplasma
				Rice yellow dwarf phytoplasma
				Rubus stunt phytoplasma
				Walnut bunch phytoplasma
				Pear decline phytoplasma
				Sugarcane white leaf phytoplasma

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Bacterial diseases	Actinomycetales	Microbacteriaceae	*Clavibacter michiganensis subsp. Insidiosus*	bacterial blight of lucerne, bacterial root rot of lucerne, bacterial wilt of lucerne
			Clavibacter michiganensis subsp. nebraskensis	blight of maize, Goss's wilt of maize, leaf freckles of maize
			Clavibacter michiganensis subsp. tessellarius	
			Clavibacter tritici	
			Corynebacterium michiganense subsp. tesselarius	
			Curtobacterium flaccumfaciens pv. flaccumfaciens	bacterial tan spot of bean, bacterial tan spot of soybean, bacterial wilt of bean
		Nocardiaceae	*Rhodococcus fascians*	cauliflower disease of ornamentals
		Streptomycetaceae etaceae	*Streptomyces stelliscabiei*	Common scab of potato
	Burkholderiales	Comamonadaceae	*Acidovorax cattleyae*	
		Burkholderiaceae	*Burkholderia caryophylli*	bacterial stem crack of carnation, bacterial wilt of carnation

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Bacterial diseases	Burkholderiales	Burkholderiaceae	*Burkholderia plantarii*	
			Ralstonia pseudosolanacearum	
			Ralstonia syzygii	
		Unassigned	*Xylophilus ampelinus*	bacterial blight of grapevine
	Enterobacterales	Enterobacteriaceae	*Brenneria rubrifaciens*	deep bark canker of walnut
			Pantoea stewartii	bacterial leaf blight of maize; bacterial wilt of maize
		Erwiniaceae	*Erwinia amylovora*	
		Pectobacteriaceae	*Dickeya dianthicola*	bacterial wilt of carnation, bacterial wilt of dahlia
	Entomoplasmatales	Spiroplasmataceae	*Spiroplasma citri*	little leaf disease of citrus
	Lysobacterales	Lysobacteraceae	*Xanthomonas citri pv. Viticola*	Leaf spot of grapevine
			Xylella fastidiosa	
			Xylella taiwanensis	
	Pseudomonadales	Pseudomonadaceae	*Pseudomonas fuscovaginae*	sheath brown rot
			Pseudomonas savastanoi pv. savastanoi	bacterial canker of olive; olive knot
			Pseudomonas syringae pv. papulans	blister spot of pome fruits
			Pseudomonas syringae pv. persicae	bacterial dieback of nectarine
			Pseudomonas syringae pv. pisi	bacterial blight of pea
			Pseudomonas syringae pv. tomato	bacterial speck of tomato
			Pseudomonas syringae pv. actinidiae 3	bacterial canker of kiwi fruit

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	SPECIES / COMMON NAME
Bacterial diseases	Unassigned	Unassigned	*Phytoplasma*	
			Phytoplasma	Apricot chlorotic leafroll phytoplasma
			Candidatus Phlomobacter fragariae	marginal chlorosis of strawberry
			Unassigned	*Strawberry witches's broom phytoplasma*
	Ustilaginales	Ustilaginaceae	*Tolyposporium penicillariae*	smut of pearl millet
	Xanthomonadales	Xanthomonadaceae	*Xanthomonas arboricola pv. corylina*	bacterial blight of hazel nut
			Xanthomonas arboricola pv. juglandis	bacterial blight of walnut
			Xanthomonas arboricola pv. poinsettiicola	
			Xanthomonas axonopodis pv. allii	
			Xanthomonas axonopodis pv. aurantifolia	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Bacterial diseases	Xanthomonadales	Xanthomonadaceae	*Xanthomonas campestris pv. hyacinthi*	
			Xanthomonas campestris pv. mangiferaeindicae	
			Xanthomonas campestris pv. tardicrescens	
			Xanthomonas cucurbitae	bacterial leaf spot of cucurbits
			Xanthomonas fragariae	angular leaf spot of strawberry
			Xanthomonas oryzae pv. oryzicola	bacterial leaf streak of rice
			Xanthomonas populi	bacterial canker of poplar
			Xanthomonas vasicola pv. Holcicola	bacterial leaf streak of sorghum

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Bunyavirales	Fimoviridae	*Emaravirus*	*European mountain ash ringspot-associated emaravirus*
		Tospoviridae	*Orthotospovirus*	*Capsicum chlorosis virus*
			Orthotospovirus	*Melon yellow spot*
	Elliovirales	Tospoviridae	*Orthotospovirus arachianuli*	
	Geplafuvirales	Geminiviridae	*Begomovirus chillicapsici*	
			Begomovirus momordicae	
	Martellivirales	Closteroviridae	*Unassigned*	*Olive leaf yellowing-associated virus*
	Mononegavirales	Rhabdoviridae	*Cytorhabdovirus*	*Strawberry crinkle cytorhabdovirus*
			Varicosavirus	*Lettuce big-vein associated varicosavirus*
	Ortervirales	Caulimoviridae	*Badnavirus*	*Cocoa swollen shoot virus*
				Grapevine vein clearing virus
	Picornavirales	Avsunviroidae	*Unassigned*	*Avocado sunblotch viroid*
			Pelamoviroid	*Peach latent mosaic viroid*
		Betaflexiviridae	*Bromovirus*	*Cowpea chlorotic mottle virus*
			Carlavirus	*Blueberry scorch virus*
				Cowpea mild mottle virus
				Cherry necrotic rusty mottle virus
		Bromoviridae	*Anulavirus*	*Pelargonium zonate spot virus*
			Ilarvirus	*Blackberry chlorotic ringspot virus*
				Blueberry shock virus
				Fragaria chiloensis virus
				Potato yellowing virus
				Spinach latent virus

				Tobacco streak virus

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Picornavirales	Bromoviridae	*Ilarvirus*	*Plum line pattern virus*
				Prune dwarf virus
		Bunyaviridae	*Tospovirus*	*Chrysanthemum stem necrosis virus*
				Impatiens necrotic spot virus
				Iris yellow spot tospovirus
		Caulimoviridae	*Caulimovirus*	*Carnation etched ring virus*
	Tolivirale	Tombusviridae	*Umbravirus pisi*	
	Tymovirales	Alphaflexiviridae	*Mandarivirus*	Citrus yellow vein clearing virus
			Potexvirus	*Cassava common mosaic virus*
				Foxtail mosaic virus
				Pepino mosaic virus
				Potato aucuba mosaic virus
				White clover mosaic virus
		Betaflexiviridae	*Carlavirus*	*Passiflora latent virus*
			Trichovirus	*Peach mosaic virus*
			Trichovirus	*grapevine berry inner necrosis virus*
		Chrysoviridae	*Chrysovirus*	*La France disease*
		Closteroviridae	*Ampelovirus*	*Pineapple mealybug wilt-associated viruses*
			Closterovirus	*Carnation necrotic fleck virus*
			Unassigned	*Little cherry virus*
			Crinivirus	*Lettuce infectious yellows virus*
				Tomato infectious chlorosis virus
				Potato yellow vein virus
		Tymoviridae	*Tymovirus*	*Turnip yellow mosaic virus*
		Tymoviridae	*Tymovirus*	*Tomato blistering mosaic virus*

Sources: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (https://gd.eppo.int/) and Global Biodiversity

Information Facility (GBIF) (http://www.gbif.org/species), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Geminiviridae	*Begomovirus*	*Abutilon mosaic virus*
				African cassava mosaic virus
				Bean golden mosaic virus
				East African cassava mosaic virus
				Indian cassava mosaic virus
				Mungbean yellow mosaic India virus
				Papaya leaf curl virus
				Pepper yellow leaf curl indonesia virus
				Squash leaf curl China virus
				Squash leaf curl virus
				South African cassava mosaic virus
				Sri Lankan cassava mosaic virus
				Tobacco leaf curl virus syn. Chilli leaf curl virus
				Tomato leaf curl new delhi virus
				Tomato mottle virus
				Tomato yellow leaf curl virus
			Curtovirus	*Beet curly top virus*
			Mastrevirus	*Maize streak virus*
				Wheat dwarf virus
		Luteoviridae	*Enamovirus*	*Citrus vein enation-woody gall virus*
				Pea enation mosaic virus
			Polerovirus	*Beet mild yellowing virus*
				Beet western yellows virus
				Carrot red leaf virus
		Nanoviridae	*Babuvirus*	*Banana bunchy top virus*

		Ophioviridae	*Ophiovirus*	*Citrus psorosis virus*
				Citrus ringspot virus
		Pospiviroidae	*Apscaviroid*	*Apple dimple fruit viroid*
				Apple fruit crinkle viroid
			Cocaviroid	*Citrus bark cracking viroid*
			Pospiviroid	*Tomato apical stunt viroid*

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Pospiviroidae	*Pospiviroid*	*Tomato chlorotic dwarf viroid*
				Tomato planta macho viroid
				Columnea latent viroid
				Pepper chat fruit viroid
		Potyviridae	*Ipomovirus*	*Cucumber vein yellowing virus*
				Cassava brown streak virus
				Ugandan cassava brown streak virus
			Potyvirus	*Alstroemeria mosaic virus*
				Bean common necrosis virus
				Chilli veinal mottle virus
				Colombian datura virus
				Sweet potato mild mottle virus
				Tobacco etch virus
				Shallot yellow stripe virus
				Banana bract mosaic virus
			Tritimovirus	*Wheat streak mosaic virus*
		Rhabdoviridae	*Rhabdovirus* (unassigned)	*Citrus leprosis virus*
			Nucleorhabdovirus	*Eggplant mottled drawf virus*
				Potato yellow dwarf virus
				Sweet potato yellow dwarf virus
		Secoviridae	*Cheravirus*	*Cherry rasp leaf virus*
			Comovirus	*Andean potato mottle virus*
				Bean pod mottle virus
				Squash mosaic virus

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Secoviridae	*Nepovirus*	*Apple necrosis virus* (caused by Tomato ringspot virus)
				Arabis mosaic virus
				Artichoke Italian latent virus
				Blueberry leaf mottle virus
				Cherry leaf roll virus
				Grapevine fanleaf virus
				Peach rosette mosaic virus
				Potato black ringspot virus
				Raspberry ringspot virus
				Tobacco ringspot virus
				Tomato black ring virus
				Tomato ringspot virus
			Unassigned	*Strawberry latent ringspot virus*
			Torradovirus	*Tomato torrado virus*
		Tombusviridae	*Dianthovirus*	*Carnation ringspot virus*
			Machlomovirus	*Maize chlorotic mottle virus*
			Necrovirus	*Beet black scorch virus*
				Tobacco necrosis virus
			Tombusvirus	*Eggplant mottled crinkle virus*

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS NAME	SPECIES NAME
Viral diseases	Unassigned	Tymoviridae	*Tymovirus*	*Andean potato latent virus*
		Unassigned	*Benyvirus*	*Beet necrotic yellow vein virus*
				Rice stripe necrosis benyvirus
			Sobemovirus	*Blueberry shoestring virus*
				Southern bean mosaic virus
				Rice yellow mottle virus
			Unassigned	*Blueberry red ringspot virus*
				Citrus cristacortis disease
				Citrus impietratura disease
				Cucurbit yellow stunting disorder virus
				Peach wart virus
				Raspberry leaf curl virus
				Strawberry latent C virus
				Wheat high plains virus
		Virgaviridae	*Hordeivirus*	*Lychnis ringspot virus*
			Pecluvirus	*Peanut clump virus*
			Pomovirus	*Potato mop-top virus*
			Tobravirus	*Tobacco rattle virus*
			Tobamovirus	*Tomato brown rugose fruit virus*

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Weeds	Apiales	Apiaceae	*Conium maculatum*	carrot fern, devil's bread, poison hemlock
			Oenanthe pimpinelloides	Branched water dropwort, callus-fruited water-dropwort, corky-fruited water-dropwort, meadow parsley, parsley dropwort
	Asterales	Asteraceae	*Ageratina adenophora*	Crofton weed, Mexican devil
			Carduus tenuiflorus	winged slender thistle
			Centaurea repens	hardhead thistle
			Centaurea solstitialis	Barnaby's thistle, St Barnaby's thistle, yellow star thistle
			Chondrilla juncea	Chondrilla, gum succory, skeleton weed, rush skeletonweed
			Cirsium arvense	creeping thistle, perennial thistle
			Cirsium vulgare	spear thistle, Scottish thistle, black thistle
			Iva xanthiifolia	common marsh elder; marsh-elder
			Jacobaea vulgaris (Synnonym: *Senecio jacobaea)*	St James's ragwort, common ragwort, tansy ragwort
			Onopordum acanthium	Cotton thistle
			Sphagneticola trilobata	creeping daisy
			Xanthium spinosum	Bathurst burr

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Weeds	Boraginales	Boraginaceae	*Amsinckia intermedia*	coast fiddleneck
			Myosotis arvensis	common scorpiongrass; field forget-me-not
	Brassicales	Brassicaceae	*Brassica tournefortii*	Mediterranean mustard
	Caryophyllales	Amaranthaceae	*Alternanthera pheloxeroides*	alligator weed
			Achyranthes aspera	
		Polygonaceae	*Emex australis*	Cape spinach, devil's thorn, southern three-corner jack
	Commelinales	Commelinaceae	*Murdannia nudiflora*	
	Fabales	Fabaceae	*Calopogonium mucunoides*	

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/), 7 November-15 December 2016.

PEST TYPE	ORDER NAME	FAMILY NAME	GENUS AND SPECIES NAME	COMMON NAME
Weeds	Lamiales	Lamiids	*Striga* spp.	
		Orobanchaceae	*Orobanche* spp.	
		Plantaginaceae	*Linaria dalmatica* syn. *Linaria genistifolia subsp. dalmatica*	Dalmatian toadflax
	Myrtales	Onagraceae	*Ludwigia peruviana*	
	Poales	Poaceae	*Brachiaria decumbens*	
			Cenchrus longispinus	gentle Annie
			Digitaria horizontalis	
			Digitaria insularis	
			Themeda quadrivalvis	
	Salviniales	Salviniaceae	*Salvinia molesta*	African payal
	Solanales	Convulvulaceae	*Cuscuta* spp.	dodder
		Solanaceae	*Solanum elaegnifolium*	silver-leaf nightshade
			Solanum rostratum Dunal	Pickly nightshade

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/), 7 November-15 December 2016.

Appendix 2. PCR Inspection Certificate

PCR INSPECTION CERTIFICATE

Certificate No. _____

Company Name: _____
Address : _____
Phone number: _____
MPI Contract number: _____

We hereby certify that the seed described below were found to be free from zebra chip disease (*Candidatus* Liberibacter solanacearum) according to PCR inspection before shipping.

Shipper: _____
Consignee: _____
Product description: _____
Quantity: _____
Date of PCR inspection: _____

Attachment 1. Copy of authentication certificate of NPPO
2. Electrophoresis report of PCR inspection for Ca. L. solanacearum

Date of Issue: _____
Name of Issue: _____
Signature: _____