

# MINISTRY FOR PRIMARY INDUSTRIES

## IMPORTING COUNTRIES PHYTOSANITARY REQUIREMENTS

### CANADA

Status: Approved

Date: 02 October 2000

## 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: |
|---------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 50            | 2 November 2023   | Clarified prohibitions for <i>Chaenomeles</i> spp., <i>Cydonia</i> spp., <i>Malus</i> spp., <i>Prunus</i> spp., <i>Pyrus</i> spp., and <i>Vitis</i> spp. under section 3.1 Prohibitions.<br><br>Added note that prohibition for seed and grain imported for cleaning in Canada is being removed effective 01/12/2023 under section 3.1 Prohibitions.                                                                  | AS           |
| 49            | 13 September 2023 | Amended scientific name for <i>x Triticosecale</i> under sections 2.4 Definitions, 5.3 Seeds, Grains and Nuts and 5.6 Miscellaneous.<br><br>Removed <i>Secale</i> spp. under section 3.1 Prohibitions.<br><br>Added requirements for <i>Sorghum</i> spp. under section 5.3.2 Seeds, Grains and Nuts for Processing.<br><br>Amended scientific name for <i>Acca</i> spp. and removed duplicate entry under Appendix 1. | AS           |
| 48            | 31 August 2023    | Amended scientific names (typos) under section 2.4 Definitions.<br><br>Added <i>Leucanthemella serotina</i> and combined separate <i>Prunus</i> spp. prohibitions into one entry under 3.1 Prohibitions.                                                                                                                                                                                                              | AS           |

| Amendment No. | Date:       | Nature of amendment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Approved by: |
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|               |             | <p>Removed: syn. <i>Leucanthemella serotina</i> from <i>Chrysanthemum</i> spp, duplicate of <i>Egeria densa</i>, <i>Triticum</i> spp. requirements and outdated link to prohibitions list under section 3.1 Prohibitions.</p> <p>Corrected reference to section 4.1.2 under section 4.1.1 Fresh Fruit and Vegetables.</p> <p>Removed exclusion for Ginseng under 4.1.2 Fresh, unprocessed root crops intended for consumption or processing.</p> <p>Added requirements for Ginseng, removed reference to other herbs, corrected common name for Coriander and removed reference to other edible flowers under section 5.1.1 Fresh Fruit and Vegetables for Consumption.</p> <p>Removed section 5.2.3 Bulbs/tubers/corms/rhizomes for consumption.</p> <p>Corrected scientific name for <i>X-Triticosecale</i> under section 5.3 Seeds, Grains and Nuts.</p> <p>Moved requirements for <i>Sorghum</i> spp. from section 5.3.2 to under section 5.3.1 Seeds, Grains and Nuts for Sowing.</p> <p>Moved requirements for manufactured brooms and whisks form under 5.3.2 to under section 5.6 Miscellaneous.</p> <p>Added scientific names for Straw and Hay under section 5.6 Miscellaneous.</p> <p>Corrected scientific name for <i>Acca sellowiana</i> under Appendix 1.</p> <p>Removed incorrect <i>Rumex sagittatus</i> entry and corrected entry for <i>Solanum</i> spp. under Appendix 3.</p> |              |
| 47            | 2 May 2023  | <p>Addition to section 5.2.4: Whole plants <i>Buxus</i> spp.. New additional declaration. Pg 42.</p> <p>Addition of <i>Cydalima perspectalis</i> to APPENDIX 2. QUARANTINE PESTS AS NOTIFIED BY CANADA. Pg 62</p> <p>Amended section 5.3.1: Seeds, Grains and Nuts for Sowing. <i>Avena</i> spp.</p> <p>Additional declaration: as specified on import permit.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MW           |
| 46            | 31 May 2022 | <p>Updated point two in section 3.3 'Phytosanitary Certificates' with the following statement 'Phytosanitary certificates must not be issued more than 14 days prior to export'.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | HM           |

| Amendment No. | Date:             | Nature of amendment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Approved by: |
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| 45            | 16 Jan 2020       | Added requirements for Tree fern/Ponga ( <i>Dicksonia fibrosa</i> ) in section 5.4. Added words 'Wood fibre' to section 4.5: Growing media and packing material (under 'Commodity class requirements') and to section 5.4: Growing media and packing material (under 'Commodity specific requirements').                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SR           |
| 44            | 17 May 2019       | Addition of pest freedom requirement for <i>Hordeum</i> spp. and <i>Avena</i> spp. in section 5.3.1 seed for sowing. Removed <i>Cydia latiferreana</i> from the quarantine pest list.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | GF/SH        |
| 43            | 6 July 2018       | Updated 27 pests to quarantine pest list                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SH           |
| 42            | 30 May 2017       | <p>Provided the link to the Canadian Growing Media Program and Canadian Food Inspection Agency, Section 5.4 and 5.5 respectively.</p> <p>Additional note to Section 3.4, Quarantine pests regarding native species</p> <p>Reformat the listed time under the exposure period hours, section 5.4 (ii) Vacuum fumigation</p>                                                                                                                                                                                                                                                                                                                                                                                                                                          | GF           |
| 41            | 5 December 2016   | <p>Updated the requirements for <i>Lycopersicon</i> spp. fruits to include a phytosanitary certificate.</p> <p>Addition of common name 'pepper' for <i>Capsicum</i> spp.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DY           |
| 40            | 30 September 2016 | <p>Added 57 weed seeds (<b>effective 1 November 2016</b>) in the quarantine pests list, appendix 2</p> <p>Added 2 fungal diseases, 6 insects, 1 nematode and 1 mollusc in the quarantine pests list, appendix 2.</p> <p>Updated the prohibited commodities into Canada, section 3.1</p> <p>Removed the Maximum Pest Lists, section 2.5. MPLs are covered in the MPI Phytosanitary Inspection Standard.</p> <p>Reformatted the presentation of Quarantine Pest list by providing the pest type, order, family, common names and provided synonyms of scientific names, Appendix 1.</p> <p>Reformatted the presentation of the amendment record starting with the most recent record of amendment.</p> <p>Added the statement "refer to Section 2.1", section 2.2</p> | GF           |

| Amendment No. | Date:            | Nature of amendment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Approved by: |
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|               |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |
| 39            | 27 July 2016     | <p>Provided a link to Automated Import Reference System (AIRS) for Canada's phytosanitary importing requirements. New Zealand specific information are in this document.</p> <p>Provided a link to access the List of Not Authorised Pending Pest Risk Analysis (NAPPRA) Plant Material.</p> <p>Added new section for Fees and charges, section 2.5 and table title no. 1 under section 3.1</p> <p>Removed Maximum Pest List, section 2.5. MPL is covered in the MPI Certification Standard and is not within the scope of the ICPR.</p> <p>Updated the disclaimer and general information and the link to forestry ICPR for Canada, section 3.7</p> <p>Reformatted the presentation of the Appendix 1 and amendment record starting with the most recent record of amendments</p> | GF           |
| 38            | 3 March 2015     | Import permit no longer required for root crops intended for human consumption. Section 3.1.1.2 has been updated to reflect this change.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | SM           |
| 37            | 21 July 2014     | <p>ICPR updated to reflect the unregulated status of Grapevine corky bark (Grapevine virus A and Grapevine virus B) as of 2 September 2014 and <i>Gymnosporangium fuscum</i> (pear trellis rust) as of 24 July 2014.</p> <p>Additional section for wood packaging, section 2.8.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SB           |
| 36            | 13 January 2014  | ICPR updated to reflect the unregulated status of <i>Heterodera glycines</i> (Soybean Cyst Nematode).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SM           |
| 35            | 15 November 2013 | <p>Additional statement added to section 1.2 to clarify scope of ICPR.</p> <p>Included 15 plant species to the prohibited list, section 2.1.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | JN           |
| 34            | 7 October 2013   | Addition of soil to section 2.5, MPI specified Maximum Pest Limits (MPL).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | SM           |

| Amendment No. | Date:            | Nature of amendment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Approved by: |
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| 33            | 29 July 2013     | Addition of Appendix 2 which includes a list of plants for planting that are Not Authorised for importation Pending Pest Risk Analysis (NAPRA).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SM           |
| 32            | 31 May 2012      | Update of conditions for fresh fruit and vegetables to be free from soil, pests, leaves and/or plant debris (section 3.1.1)<br>Update from MAF Biosecurity New Zealand to Ministry for Primary Industries New Zealand                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PJ/NJ        |
| 31            | 18 January 2012  | Inclusion of additional declaration attesting freedom from <i>Anoplophora chinensis</i> and <i>A. glabripennis</i> . to <i>Acer</i> spp. (Section 4.2.1) and <i>Rosa</i> spp. (Section 4.2.4).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CB           |
| 30            | 1 December 2011  | Amendment to Section 4.1.1 CFIA has removed the option for grape shipments to be accompanied by a USDA PPQ 203 certificate, in lieu of a MAF phytosanitary certificate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | CB           |
| 29            | 2 September 2011 | Amendment to Section 4.1.1. CFIA has removed the option for apple shipments to be accompanied by a USDA PPQ 203 certificate, in lieu of a MAF phytosanitary certificate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CB           |
| 28            | 31 August 2011   | Removal of soil MPL as it is prohibited.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CB           |
| 27.           | 04 April 2011    | Amendments to the quarantine list Section 2.4.<br>Updated import requirements for <i>Solanum tuberosum</i> , Section 2.1 and 4.1.1<br>Addition of Import Requirements for fresh, unprocessed root crops, Section 3.1.1.2.<br>Addition of import requirements for various fresh fruit and vegetables for consumption, Section 4.1.1.<br>Addition of ginseng import requirements. Section 4.2.1, 4.2.2, 4.2.3, 4.2.4 and 4.3.1.<br>Section 4.4 (packing material) deletion of baked or expanded clay pellets and volcanic rock, ash or volcanic cinder from the list of approved packing material.<br>Section 4.4, addition of the note that Canada is discouraging the use of Methyl Bromide for the treatment of peat/Sphagnum moss. | CB           |
| 26.           | 28 March 2011    | Clarification of the Additional Declarations stated in section 3.2.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CB           |

| Amendment No. | Date:             | Nature of amendment:                                                                                                                                                                                                                                                                                                                                                                                | Approved by: |
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| 25.           | 28 March 2011     | Deletion of the Additional Declaration option "Fresh cut flowers and foliage may be exported to Canada under the conditions documented in the Phytosanitary Compliance Programme for the Export of Cut Flowers and Foliage to the USA". In Fresh Cut Flowers and Foliage section 3.2.1                                                                                                              | CB           |
| 24.           | 24 March 2011     | Addition of <i>Anoplophora chinensis</i> into Quarantine Pest list. Section 2.4.                                                                                                                                                                                                                                                                                                                    | CB           |
| 23.           | 30 July 2010      | CFIA has consolidated the following directives into one directive D-08-04; D-02-02, D-96-09, D-01-03, D-03-05, D-03-04, D-03-03, D-03-10 for import requirements for plants and plant parts for planting. July 2010. In force 1 September 2010. Sections 3.2, 3.3 and 4.2                                                                                                                           | GI           |
| 22.           | 25 March 2010     | Clarification of the import requirements for peat/sphagnum moss as packing media. CFIA Directive D-08-04.                                                                                                                                                                                                                                                                                           | GI           |
| 21.           | 27 January 2010   | Addition of specific requirements for import permits, Reference Directive D-97-04: Application, procedures, issuance and use of a Permit to Import under the <i>Plant Protection Act</i> (10 <sup>th</sup> Revision) <ul style="list-style-type: none"> <li>1. Scientific</li> <li>2. Educational purposes</li> <li>3. Exhibition purposes</li> <li>4. Processing or industrial purposes</li> </ul> | GI           |
| 20.           | 29 September 2009 | Reformat page numbers                                                                                                                                                                                                                                                                                                                                                                               | GI           |
| 19.           | 23 September 2009 | Addition of import requirements for; <ul style="list-style-type: none"> <li><i>Cannabis sativa</i> – Directive D-96-03</li> <li><i>Sorghum</i> – Directive D-96-08</li> <li><i>Zea mays</i> – Directive D-95-28</li> </ul>                                                                                                                                                                          | GI           |
| 18            | 10 September 2009 | Addition of import requirements for dried plant material. Directive D-95-09.<br>Update CFIA quarantine pest link.<br><i>Actinidia chinensis</i> commodity updated to <i>Actinidia</i> spp. with no import requirements as per Directive D-95-08.                                                                                                                                                    | GI           |

| Amendment No. | Date:          | Nature of amendment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Approved by: |
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| 17.           | 10 August 2009 | <p>Information pertaining to import permit applications. Section 2.2. Directive D-97-04</p> <p>Updated import requirements for cereal crops. Section 4.3. Directive D-99-01, 5<sup>th</sup> 2009.</p> <p>Provision to import plants with growing media (as opposed to bare rooted) through the Canadian Growing Media Program (CGMP). Section 3.3 and 3.5. Directive D-96-20, 6<sup>th</sup> 2009.</p>                                                                                                                                                                                                                                                           | GI           |
| 16            | 10 July 2009   | Inclusion of the option of using USA Compliance Programme for Fresh Cut Flowers and Foliage. Section 3.2.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | LK           |
| 15            | 14 May 2009    | <p>Wording change for additional declaration for fresh cut flowers, decorative branches and cut foliage from New Zealand. Refer section 3.2.1. (from life stages to living stages). Directive D-07-03, 4<sup>th</sup> 2009.</p> <p><i>Ribes</i> spp. plant material for propagation (other than; seeds and <i>Ribes</i> spp. fruit) is prohibited, due to blackcurrant reversion virus. Directive D-94-18 2<sup>nd</sup> 2009. Section 2.1.</p> <p>Import requirements for Straw and Hay of Wheat, Triticale, Barley, Rye and Oats. Directive D-99-01 4<sup>th</sup> 2009. Section 4.6</p>                                                                       | GI           |
| 14.           | 12 May 2009    | Update of list of taxa regulated for light brown apple moth (LBAM) (Appendix 1). 30.4.09 CFIA – and updated requirements for <i>Actinidia chinensis</i> . Section 4.4.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | GI           |
| 13.           | 27 April 2009  | <p>Clarification of ISPM 15 requirements for wood packaging. Section 3.5</p> <p>Clarification of import requirements for LBAM host material and list of taxa based on CFIA Directive D-07-3 (Appendix 1). Refer sections 2.3, 3 and 4.</p> <p>Note: not all LBAM host taxa with “prior approval” have been identified to date and MAFBNZ is waiting on advice from CFIA.</p> <p>New phytosanitary import requirements for fresh cut flowers, decorative branches and cut foliage from New Zealand. Refer section 3.2.1.</p> <p>Phytosanitary certificate required with an additional declaration. Effective 4 May 2009, the time at port of entry in Canada.</p> | LK/GI        |

| Amendment No. | Date:            | Nature of amendment:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Approved by: |
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| 12.           | 3 April 2009     | Changes in requirements for LBAM host material and list of taxa based on CFIA Directive D-07-3. Refer sections 2.3, 3 and 4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | GI           |
| 11.           | 1 April 2009     | Addition of ISPM 15 requirements for wood packaging. Section 3.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | LK           |
| 10.           | 3 December 2008  | Addition of CFIA Directive D-08-04 to phytosanitary legislation (S.1.3); Update Sec. 2.4 Quarantine pest list; expansion on reqs for moss.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SW/LK/IV     |
| 9.            | 14 March 2008    | Addition of CFIA Directive D-07-3 to Phytosanitary legislation (S.1.3); Amendment of Phytosanitary Certification Requirements; Addition of notes to Commodity Class Requirements (Section 3) and Commodity Specific Requirements (Section 4) based on CFIA Directive D-07-3 regarding the importation of host species that may contain life stages of light brown apple moth (LBAM).                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SW/IV        |
| 8.            | 22 March 2007    | Amendment of MAF contact details Section 1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | SW           |
| 7.            | 12 May 2005      | Amendment of additional declaration wording for <i>Cydonia oblonga</i> (Quince), <i>Fragaria</i> spp. (Strawberry), <i>Malus</i> spp. (Apple), <i>Prunus armeniaca</i> (Apricot), <i>Prunus avium</i> (Cherry), <i>Prunus domestica</i> (Plum), <i>Prunus persica</i> (Nectarine), <i>Pyrus communis</i> (Pear), <i>Pyrus pyrifolia</i> (Nashi), <i>Ribes</i> spp., <i>Rubus ideaus</i> (Raspberry), <i>Vaccinium corymbosum</i> (Blueberry), refer Section 4.1.1. Addition of new additional declaration for fresh blueberries for processing, refer Section 4.1.2. Identification fresh <i>Vaccinium macrocarpon</i> (Cranberry) is prohibited, refer Section 4.1.1. Insertion of botanical name for peach, refer Section 4.1.1. Insertion of additional notes for fresh <i>Malus</i> spp. (apple) re-exported from the USA. Minor reformatting of the document. | WJH          |
| 6.            | 1 February 2005  | Removal of reference within Section 2.5 to categorised pest list. Amendment of MAF contact details Section 1.1 and 1.2. General reformatting of document.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | WJH          |
| 5.            | 7 September 2004 | Correction of typographical error in wording of AD, refer Section 3.3.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | WJH          |



| Amendment No. | Date:            | Nature of amendment:                                                     | Approved by: |
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| 4.            | 14 July 2003     | Amendment to page numbering. No other changes made                       | WJH          |
| 3.            | 24 June 2003     | Reissue of ICPR                                                          | WJH          |
| 2.            | 14 February 2003 | Renaming and reformatting of standard. Amendment to Section 2.5 re MPLs. | WJH          |
| 1.            | 2 October 2000   | Issue of EPS.                                                            | SMN          |

## 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 with no notice to New Zealand.

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## 1. Access to Canada's Import Requirements

Canada's phytosanitary importing requirements are available on Canada's Automated Import Reference System (AIRS) and can be accessed via the internet at:

<http://www.inspection.gc.ca/plants/imports/airs/eng/1300127512994/1300127627409#>

## 2. General Information

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

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

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

For urgent enquiries phone, +64 4 894 5693

### 2.2 Scope

The requirements listed in this Importing Country's Phytosanitary Requirement (ICPR) apply to product of New Zealand only, unless specifically stated.

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

- Canada directly to ascertain requirements
- or
- Ministry for Primary Industries (MPI)-Plant Exports. Refer to Section 2.1.

### 2.3 Phytosanitary Legislation

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

- Plant Protection Act, 19 June 1990
- Plant Protection Regulations, 28 April 1995
- CFIA Directive D-07-03
- CFIA Directive D-08-04

- CFIA Directive D-99-01
- CFIA Directive D-94-18
- CFIA Directive D-07-03 (4<sup>th</sup> revision)
- CFIA Directive D-98-01 (7<sup>th</sup> revision)
- CFIA Directive D-96-20 (6<sup>th</sup> revision)
- CFIA-Directive D-99-01 (4<sup>th</sup> and 5<sup>th</sup> revision)
- CFIA-Directive D-97-04 (9<sup>th</sup> revision)
- CFIA-Directive D-95-09
- CFIA-Directive D-95-08
- CFIA Directive D-96-08
- CFIA Directive D-96-03
- CFIA Directive D-95-28
- CFIA Directive D-97-04 (10<sup>th</sup> Revision)
- CFIA Directive D-94-25
- CFIA Directive D-94-26
- CFIA Directive D-96-05

## 2.4 Definitions

|              |                                                                                                                                                            |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bulbs        | corms, tubers, rhizomes, stolons, bulbils, crowns and other underground plant parts of species other than <i>Allium</i> spp. and <i>Solanum tuberosum</i>  |
| Cereal crops | <i>Avena</i> spp. (oats), <i>Hordeum</i> spp. (barley), <i>Secale</i> spp. (rye), <i>Triticum</i> spp. (wheat) and <i>x Triticosecale</i> (triticale) only |
| Forage crops | Includes, but not limited to, <i>Lotus corniculatus</i> (birds foot trefoil), <i>Medicago sativa</i> (alfalfa) and forage crops not otherwise mentioned    |
| CFIA         | Canadian Food Inspection Agency                                                                                                                            |

## 2.5 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/>

## 3. General Requirements

### 3.1 Prohibitions

The following commodities are prohibited entry to Canada.

Table 1. Prohibited commodities into Canada

| Scientific Name                                                       | Common Name                       | Plant Part Prohibited                                                                            |
|-----------------------------------------------------------------------|-----------------------------------|--------------------------------------------------------------------------------------------------|
| <i>Abies concolor</i> ; <i>Abies grandis</i> ; <i>Abies magnifica</i> | Fir                               | All nursery stock (excluding seed) into British Columbia                                         |
| <i>Abrus precatorius</i>                                              | Jequirty beanm Jequirty Rosarypea | All                                                                                              |
| <i>Adiantum aleuticum</i> ; <i>Adiantum jordanii</i>                  | California maidenhair fern        | All except seed, tissue cultures and non-propagative material                                    |
| <i>Aegilops cylindrica</i>                                            | Jointed goatgrass                 | All                                                                                              |
| <i>Aesculus californica</i> ; <i>Aesculus hippocastanum</i>           | Horsechestnut                     | All                                                                                              |
| <i>Ajania</i> spp.                                                    | Chrysanthemum                     | All                                                                                              |
| <i>Alopecurus myosuroides</i>                                         | Slender foxtail                   | All                                                                                              |
| <i>Alnus</i> spp.                                                     | Alder                             | All plants with roots excluding seeds and unrooted cuttings unless with prior approval from CFIA |
| <i>Anacharis densa</i> syn. <i>Elodea densa</i> ; <i>Egeria densa</i> | Elodea                            | All except preserved and non-viable material                                                     |
| <i>Arachis hypogaea</i>                                               | Peanut                            | Seeds in shell or without a shell                                                                |
| <i>Avena</i> spp.                                                     | Oat                               | Compost made from straw and hay unless with prior approval with CFIA                             |
| <i>Berberis</i> spp.                                                  | Barberry                          | All nursery stock and seed unless with prior approval from CFIA                                  |
| <i>Cannabis sativa</i>                                                | Hemp                              | All nursery stock with soil including seed                                                       |
| <i>Capsicum</i> spp.                                                  | Pepper                            | All nursery stock excluding seed                                                                 |

|                                                            |                                              |                                                                         |
|------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------------------|
| <i>Centaurea iberica</i>                                   | Iberian starthistle                          | All                                                                     |
| <i>Centaurea solstitialis</i>                              | Yellow starthistle                           | All                                                                     |
| Cereals                                                    | Cereals                                      | Screenings, chaff hulls and grain for cleaning <sup>1</sup>             |
| <i>Chaenomeles</i> spp.                                    | Quince                                       | All except fruit and seed                                               |
| <i>Chrysanthemum</i> spp.                                  | Chrysanthemum                                | All nursery stock excluding seed                                        |
| <i>Corylopsis spicata</i>                                  | Spike winter-hazel                           | All excluding seed, tissue cultures and non-propagative material        |
| <i>Corylus cornuta</i>                                     | Cobnut, filbert, hazelnut                    | All                                                                     |
| <i>Corylus</i> spp. raw nuts and seed                      | Filberts                                     | All going to British Columbia                                           |
| <i>Crupina vulgaris</i>                                    | Common crupina                               | All                                                                     |
| <i>Cuscuta</i> spp.                                        | Dodder-parasitic plant                       | All                                                                     |
| <i>Cydonia</i> spp.                                        | Quince                                       | All except fruit and seed                                               |
| <i>Dendranthema</i> spp.                                   | Chrysanthemum                                | All nursery stock excluding seed                                        |
| <i>Dioscorea polystachya</i>                               | Chinese yam                                  | All                                                                     |
| <i>Echium plantagineum</i>                                 | Paterson's curse                             | All                                                                     |
| <i>Egeria densa</i>                                        | Elodea                                       | All except preserved and non viable material                            |
| <i>Eleutherococcus senticosus</i>                          | Siberian ginseng                             | Seed unless with prior approval from CFIA                               |
| <i>Eriochloa villosa</i>                                   | Wolly cup grass                              | All                                                                     |
| <i>Fragaria</i> spp.                                       | Strawberry                                   | All nursery stock (excluding seed) unless with prior approval from CFIA |
| <i>Frangula californica</i> ;<br><i>Frangula purshiana</i> | California coffeeberry;<br>Cascara buckthorn | All                                                                     |
| <i>Fraxinus excelsior</i> ;<br><i>Fraxinus latifolia</i>   | European ash; Oregon ash                     | All excluding seeds                                                     |



|                                |                           |                                                                         |
|--------------------------------|---------------------------|-------------------------------------------------------------------------|
| <i>Hydrilla verticillata</i>   | Hydrilla                  | All except preserved and non viable material                            |
| <i>Leucanthemella serotina</i> | Giant daisy               | All nursery stock excluding seed                                        |
| <i>Lycopersicon esculentum</i> | Tomato                    | All nursery stock excluding seed                                        |
| <i>Mahoberberis</i> spp.       | Barberry                  | All nursery stock (including seed) unless with prior approval from CFIA |
| <i>Mahonia</i> spp.            | Barberry                  | All nursery stock (including seed) unless with prior approval from CFIA |
| <i>Malus</i> spp.              | Apple and crab apple      | All except fruit and seed                                               |
| <i>Manure (unprocessed)</i>    | Unprocessed manure        | All                                                                     |
| <i>Microstegium vimineum</i>   | Japanese stiltgrass       | All                                                                     |
| <i>Myriophyllum</i> spp.       | Water weed                | All except preserved and non viable material                            |
| <i>Nassella trichotoma</i>     | Serrated tussock          | All                                                                     |
| <i>Nicotiana tabacum</i>       | Tobacco                   | All nursery stock excluding seed                                        |
| <i>Orobanche</i> spp.          | Broomrape-parasitic plant | All                                                                     |
| <i>Papaver somniferum</i>      | Opium poppy               | All                                                                     |
| <i>Paspalum dilatatum</i>      | Dallis grass              | All                                                                     |
| <i>Persicaria perfoliata</i>   | Devil's-tail tearthumb    | All                                                                     |
| <i>Picea</i> spp.              | Spruce                    | All nursery stock excluding seed                                        |
| <i>Pinus</i> spp.              | Pine                      | All nursery stock excluding seed                                        |
| <i>Prunus</i> spp.             | Stone fruit               | All except fruit                                                        |
| <i>Pseudotsuga</i> spp.        | Douglas fir               | All nursery stock excluding seed                                        |

|                                                                                                                                                                                                                                                                         |                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Pueraria montana</i>                                                                                                                                                                                                                                                 | Kudzu                 | All                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <i>Pyrethrum uliginosum</i>                                                                                                                                                                                                                                             | Chrysanthemum         | All nursery stock excluding seed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <i>Pyrus</i> spp.                                                                                                                                                                                                                                                       | Pear                  | All <b>except fruit and seed</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <i>Quercus acuta</i> ;<br><i>Quercus agrifolia</i> ;<br><i>Quercus cerris</i> ;<br><i>Quercus chrysolepsis</i> ;<br><i>Quercus falcata</i> ;<br><i>Quercus ilex</i> ; <i>Quercus kelloggii</i> ; <i>Quercus parvula</i> ; <i>Quercus petraea</i> ; <i>Quercus rubra</i> | Oak                   | All excluding seeds unless prior approval from CFIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <i>Rhamnus</i> spp.                                                                                                                                                                                                                                                     | Buckthorn             | All nursery stock (including seed) unless with prior approval from CFIA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <i>Ribes</i> spp.                                                                                                                                                                                                                                                       |                       | <p>The importation of <i>Ribes</i> spp. propagative material (other than seed and <i>Ribes</i> spp. fruit) from New Zealand is prohibited. The CFIA must provide approval prior to any importation of <i>Ribes</i> spp. propagative material from any source.</p> <p>Countries wishing to export <i>Ribes</i> spp. propagative material to Canada may be required to develop a certification program that ensures freedom from black currant reversion virus (synonym blackcurrant reversion associated virus), and submit a copy of this program to the CFIA for review.</p> <p>Directive D-94-18 2009.</p> |
| <i>Salix caprea</i>                                                                                                                                                                                                                                                     | Willow                | <p>All excluding seeds.</p> <p>Decorative branches a prior approval is required from CFIA</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <i>Senecio inaequidens</i>                                                                                                                                                                                                                                              | South african ragwort | All                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <i>Senecio madagascariensis</i>                                                                                                                                                                                                                                         | Madagascar ragwort    | All                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

|                               |                                                             |                                                                                                                                                                                                               |
|-------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Soil and related matter       | Soil, earth, dirt, leaf litter, compost, manure             | All except peat/sphagnum moss (Bryophyta) and inert growing media such as vermiculite and perlite.<br>CFIA Directive D-08-04                                                                                  |
| <i>Solanum elaeagnifolium</i> | Silverleaf nightshade                                       | All                                                                                                                                                                                                           |
| <i>Solanum melongena</i>      | Eggplant                                                    | All nursery stock excluding seed                                                                                                                                                                              |
| <i>Solanum tuberosum</i>      | Potato                                                      | All except true seed (from the flower).                                                                                                                                                                       |
| <i>Solanum</i> spp.           | All other                                                   | All excluding seeds                                                                                                                                                                                           |
| <i>Sorghum</i>                | Sorghum                                                     | Seed (propagation) [other than exempt seed described in the specific commodity requirements]; Screenings; seed or grain for cleaning in Canada <sup>1</sup> ; Broomcorn (unfinished broomcorn material only). |
| <i>Striga</i> spp.            | Witchweed-parasitic plant                                   | All                                                                                                                                                                                                           |
| <i>Trapa</i> spp.             | Water weed                                                  | All except preserved and non viable material                                                                                                                                                                  |
| <i>Ulmus</i> spp.             | Elm                                                         | All nursery stock excluding seed - admissible to Ontario, Quebec and New Brunswick                                                                                                                            |
| <i>Vaccinium</i> spp.         | Blueberry (includes cranberry, lingonberry and huckleberry) | All nursery stock (excluding seed) unless with prior approval from CFIA                                                                                                                                       |
| <i>Vitis</i> spp.             | Grape                                                       | All except fruit and seed                                                                                                                                                                                     |
| <i>Zelkova</i> spp.           | Elm                                                         | All nursery stock excluding seed - admissible to Ontario, Quebec and New Brunswick                                                                                                                            |
| <i>Zea mays</i>               | Corn, maize, sweet corn and baby corn                       | Fresh on the cob unless with prior approval from CFIA; Screenings; seed or grain for cleaning in Canada <sup>1</sup>                                                                                          |

|                           |                   |     |
|---------------------------|-------------------|-----|
| <i>Zygophyllum fabago</i> | Syrian bean-caper | All |
|---------------------------|-------------------|-----|

**Note:**

<sup>1</sup>The prohibition on importing seed or grain to be cleaned in Canada is being removed effective 01/12/2023. For conditions, refer to section 4.4.2 Seeds, Grains and Nuts for Processing.

### 3.2 Import Permits

There are two types of permits to import:

1. The commodity is not prohibited entry but specific requirements such as treatment at origin or a phytosanitary certificate may apply;
2. A commodity is prohibited entry but may be imported for the purpose of scientific research, educational, processing, industrial or exhibition purposes.

Applicants for import permits must be either a Canadian citizen or permanent resident, a person authorised under the laws of Canada to reside in Canada for six months or more and who will have control of the import or an agent or officer of a Canada based corporation who resides in Canada.

i) To qualify for "scientific research" under a section 43 permit, the material intended for importation must be:

- A. destined for a research laboratory owned and operated by a chartered academic institution, a federal, provincial, municipal or native self-government, or a research and development section of a corporation;
- B. contained within a research laboratory / facility, grown in a green house or if plant material field planted by a researcher with the appropriate academic qualifications who is an employee of the research organization or institution; and
- C. safeguarded, treated or disposed (e.g. incinerated, autoclaved) of in accordance with the Permit to Import conditions upon completion of the research project, unless the importer is authorized by the CFIA to maintain the material for further propagation or as part of a collection or a reference bank.

When applying for an import permit for scientific research purposes, the permit applicant must provide the CFIA with an outline / description of the proposed research project.

ii) To qualify for "educational purposes" under section 43 of the regulations, the material intended for importation must be destined for a federal or provincial owned and operated school, a chartered academic institution or institutions and provincially or federally recognized museums or zoos and used on the institution's property for teaching purposes.

iii) To qualify for "exhibition purposes" under section 43 of the regulations, the material intended for importation must be destined for an exhibition / show in Canada (also see D-94-31).

iv) To qualify for "processing" or "industrial purposes" under section 43 of the regulations, the material intended for importation must be destined for a manufacturing, processing or treatment plant which will alter or modify the material in such a manner that will render any pests in the material non-viable.

### **3.2.1 Refer Sections 3 and 4 to confirm whether a import permit is required**

### **3.2.2 Import permits state the phytosanitary requirements for importation**

The Import permit number must be shown on all documentation (including the phytosanitary certificate) and containers.

### **3.2.3 Import permits may be requested from:**

Import Permit Unit  
Plant Health and Production Division  
Canadian Food Inspection Agency  
3<sup>rd</sup> Floor East  
59 Camelot Drive  
Ottawa  
Ontario K1A 0Y9  
CANADA

Facsimile: 613 228 6605

Website: <http://www.inspection.gc.ca/english/plaveg/internat/offbure.shtml>

Canada phytosanitary import requirements may be requested from the above address, or accessed via the internet at :

<http://www.inspection.gc.ca/plants/imports/airs/eng/1300127512994/1300127627409#>

### **3.2.4 General import conditions may be accessed at the following url:**

#### **Imports homepage**

<http://www.inspection.gc.ca/plants/imports/eng/1299168480001/1299168593866>

Or

#### **Imports contacts page**

Direct contact with the Canadian Food Inspection Agency can be made via their three Import Service Centres. Refer url's below for contact details

<http://www.inspection.gc.ca/english/plaveg/oper/guidee.shtml>

And

#### **For conditions of entry for specific commodities refer automated reference import database**

<http://www.inspection.gc.ca/english/imp/airse.shtml>

## **3.3 Phytosanitary Certificates**

- Refer Section 4 for commodities that require a phytosanitary certificate

- Phytosanitary certificates must not be issued more than 14 days prior to export.
- Where applicable, phytosanitary import numbers must be identified upon the phytosanitary certificate.
- **IMPORTANT GENERAL NOTE:** A phytosanitary certificate is required for regulated light brown apple moth (LBAM) host taxa (Appendix 1) except where specific taxa have market access to Canada (prior approval has been granted).
- “Prior approval required” – this requirement applies to light brown apple moth (LBAM) host taxa that has not previously been shipped to Canada from New Zealand (refer Appendix 1 for list of LBAM regulated host taxa).
- Some LBAM host taxa with “prior approval” have been identified to date and are specified within Appendix 1. MPI is awaiting on advice from CFIA for the rest of commodities currently not identified as having prior approval

As soon as MPI gets information from CFIA on commodities with prior approval, MPI will post this in this document. Exporters are in the meantime encouraged to check on the importation status through its importing agents in Canada or directly with CFIA.

### 3.4 Quarantine Pests

Canada's regulated pests can be accessed at:

<http://www.inspection.gc.ca/english/plaveg/protect/listpespare.shtml>

For a list of quarantine pests see Appendix 2. The scientific name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>). Please note that the scientific name remains as the definitive name. In addition, MPI will also include synonyms specified by the importing country for use on additional declarations.

Quarantine pests for Canada include organisms specified in Appendix 2 of this ICPR, additional declarations and/or import permit.

**Note:** Exporters should be aware that New Zealand has a number of endemic and native organisms that are unlikely to be listed on an importing country's quarantine pest list, but would almost certainly be treated as quarantine pests if found at import inspection. Phytosanitary Inspectors should take this into account when making decisions about the eligibility of product for an overseas market and treat endemic and native species found at phytosanitary inspection as quarantine pests unless there is clear evidence to the contrary. The New Zealand Organisms Register provides a search tool that can be used to determine whether the organism is endemic, native to NZ or introduced. Follow the link here: <http://www.nzor.org.nz/search>

### 3.5 Ports of Entry

Commodity classes are not restricted to entry via specific ports

### 3.6 Inspection on Arrival

Consignments from New Zealand are liable for inspection by CFIA upon arrival.  
Plants for planting are subject to inspection and audit sampling on arrival.

### 3.7 Wood packaging

Refer to Forestry ICPR for Canada, link below:

<http://www.mpi.govt.nz/law-and-policy/requirements/importing-countries-phytosanitary-requirements/forestry-icprs/canada/>

## 4. Commodity Class Requirements

### IMPORTANT NOTE

CFIA Directive D-07-03 outlines requirements for the importation of host species that may contain life stages of light brown apple moth (*Epiphyas postvittana*) (LBAM) and applies to all unrooted and rooted plants, cut flowers, cut foliage and decorative branches and fresh fruits and vegetables of regulated LBAM host taxa.

The complete list of taxa regulated for LBAM can be found in Appendix 1 or through the following weblink: <http://www.inspection.gc.ca/english/plaveg/protect/dir/d-07-03e.shtml>

\*\*\*\*\*Specific LBAM host taxa are exempt from the LBAM quarantine requirements where market access is already established ie. has prior approval. These have been marked with asterisk(s) as appropriate in the Appendix 1.

Exempt Commodity classes;

- Processed fruit and vegetables\*
- Dried plant material
- Dormant deciduous plants without leaves
- Forage
- Seeds
- Below ground parts of plants (e.g. roots, tubers, corms)

Additional Note: MPI is awaiting advice from CFIA for the rest of commodities currently not identified as having prior approval. As soon as MPI gets information from CFIA on commodities with prior approval, MPI will post this in this document. Exporters are in the meantime encouraged to check on the importation status through their importing agents in Canada or directly with CFIA.

## 4.1 Fruit and Vegetables

### 4.1.1 Fresh Fruit and Vegetables

For all Fresh Fruit and Vegetables except:

- fruit and vegetables for which requirements are stated in Sections 5.1.1 and 5.1.2
- nuts, refer Section 5.3.2
- root crops, refer Section 4.1.2

- fresh corn (PROHIBITED)
- For all root crops except those for which requirements are stated in Sections 5.1.1 and 5.1.2

Conditions:

Import permit and phytosanitary certificate required except where specified in specific commodity requirements Section 5. Produce must be free from soil, pests, leaves and/or plant debris.

#### **4.1.2 Fresh, unprocessed root crops intended for consumption or processing (excluding Potatoes (*Solanum tuberosum*)).**

"Root crops" are defined as; root vegetables, vegetables with attached roots, and mushrooms, as defined in the CFIA directive D-94-26. This includes roots, bulbs, tubers, corms, rhizomes and other below-ground plant parts intended for consumption. For specific requirements refer to section 5.1.1.

Conditions:

Root crops with soil are **PROHIBITED**. Root crops without soil, import permit and Phytosanitary certificate not required.

#### **4.1.3 Processed Vegetables**

Conditions:

Import permit and phytosanitary certificate not required.

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

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

Conditions:

Phytosanitary import permit not required. Phytosanitary certificate required with one of the following additional declarations. Flowers and foliage must be free from pests and soil.

Additional Declaration:

"The material in this consignment originated from a place of production that was inspected and found free of all living stages of light brown apple moth (*Epiphyas postvittana*) and this consignment was inspected and found free of all living stages of light brown apple moth"

[NB: This is the equivalent of the indoor produced cut flowers and foliage (section 5) of the Cut Flowers and Foliage to the USA Compliance Programme 2010/11]

Or

"The material in this consignment was subject to a treatment that is approved for treatment against all living stages of light brown apple moth (*Epiphyas postvittana*) and this consignment was inspected and found free of all living stages of light brown apple moth"

[NB: This is the equivalent of the field control programme or post harvest treatments applied to outdoor produced cut flowers and foliage (section 6), of the Cut Flowers and Foliage to the USA Compliance Programme 2010/11]

Fresh decorative branches (*Salix*, *Chaenomeles*, *Cydonia*, *Malus*, *Prunus*, *Pyrus*, *Rhamnus* and *Vitis*)

Conditions:

Prohibited



Fresh decorative branches (*Rutaceae*, *Dracaena* spp. and *Dieffenbachia* spp.)

Conditions:

Import permit and phytosanitary certificate required.

#### 4.2.2 Dried Cut Flowers and Foliage

Conditions:

The following dried plant material does not require an import permit nor a phytosanitary certificate from New Zealand. Imported dried plant material is subject to inspection in Canada on an audit basis and must be free of soil if originating from countries other than continental United States. Imported dried plant material should be free of soil, quarantine pests and practically free of other injurious plant pests. Any imported material not in compliance may be refused entry, returned to origin, or disposed of. If determined feasible by the inspector, such shipments may be rerouted to other destinations, or diverted to approved processing facilities, provided such a course of action does not cause unwarranted pest risk;

- a. dried flowers and plants;
- b. dried plant material for cosmetic, medicinal or industrial use, including leaves, stems, and roots;
- c. open dried coniferous tree cones that have expelled all their seeds;
- d. straw ornaments that have been shellacked or subjected to some other treatments acceptable by the CFIA.

The following plant material is excluded from this policy:

- a. seeds of plants;
- b. wood and wood products;
- c. untreated hay and cereal straw from countries other than the United States;
- d. fresh tree or shrub branches including decorative material that have not been dried (e.g. *Malus*, *Pyrus*, *Prunus*, *Salix*, and *Vitis*);
- e. pine wreaths and boughs, e.g. Christmas wreaths and boughs;
- f. plant cuttings or other propagative plant parts for propagative use.

#### 4.3 Nursery Stock

Please refer to Appendix 3 for the Canadian NAPPRA (Not Authorised Pending Pest Risk Analysis) List.

Weblink:

<http://www.inspection.gc.ca/plants/plant-pests-invasive-species/directives/imports/d-08-04/appendix-2/eng/1324622688463/1324623012161>

##### 4.3.1 Budwood and Cuttings, Aerial plants and Epiphytes

Conditions:

Import permit and phytosanitary certificate required. Material must be free from soil, sand and related debris.

Epiphytes, aerial plantlets, unrooted leaf, stems cuttings and other plants and plant parts, which have **NOT** been produced in association with growing media, soil or related matter are exempt from additional declarations for soil pests.

- Examples of epiphytes include: *Dendrobium*, *Polypodium*, *Tillandsia* and many of the

Bromeliads.

To be considered unrooted, plants and plant parts must not exhibit any roots or root initials at the time of export.

#### **4.3.2 Bulbs/tubers/corms/rhizomes etc.**

Rooted plants without soil, related matter or growing media (excludes *Allium* spp. and *Solanum tuberosum*)

Conditions:

Import permit, phytosanitary certificate and additional declaration required. Material must be certified free from soil pests and be free from soil, sand and related debris.

Additional declaration:

"Material was grown in soil where the potato wart (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur"

Rooted plants with soil or related matter or with soil free growing media and not imported under the Canadian Growing Media Program (CGMP) (see below)

Conditions:

Prohibited

Rooted plants with soil free growing media imported under the Canadian Growing Media Program (CGMP) (see below)

Conditions:

Restrictions have been put in place to prevent the introduction into Canada of quarantine pests associated with soil. The importation of soil is prohibited into Canada from all off-continent sources and some areas of the United States (U.S.). However, plants in approved media may be allowed entry if grown under the conditions of the Canadian Growing Media Program (CGMP). This programme is outlined in the Directive D-96-20. This directive contains the Canadian Growing Media Program (CGMP) and states the phytosanitary import requirements for plants rooted in approved media not containing soil and related matter.

Link:

H:\Canada\ICPR2009\Canadian Food Inspection Agency - D-96-20 Canadian Growing Media Program, Prior Approval Process and Import Requirements for Plants Rooted in Approved Media.htm

#### **4.3.3 Whole Plants**

Rooted plants without soil, related matter or growing media

Conditions:

Phytosanitary import permit, phytosanitary certificate and additional declaration required. Material must be certified free from soil pests and be free from soil, sand and related debris.

Additional declaration:

"Material was grown in soil where the potato wart (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur"

Rooted plants with soil or related matter or with soil free growing media and not imported under the Canadian Growing Media Program (CGMP) (see below)

Conditions:

Prohibited

Rooted plants with soil free growing media imported under the Canadian Growing Media Program (CGMP) (see below)

Conditions:

Restrictions have been put in place to prevent the introduction into Canada of quarantine pests associated with soil. The importation of soil is prohibited into Canada from all off-continent sources and some areas of the United States (U.S.). However, plants in approved media may be allowed entry if grown under the conditions of the Canadian Growing Media Program (CGMP). This programme is outlined in the Directive D-96-20. This directive contains the Canadian Growing Media Program (CGMP) and states the phytosanitary import requirements for plants rooted in approved media not containing soil and related matter.

Link:

H:\Canada\ICPR2009\Canadian Food Inspection Agency - D-96-20 Canadian Growing Media Program, Prior Approval Process and Import Requirements for Plants Rooted in Approved Media.htm

**Note:** Transparent or translucent sterile growing media in association with tissue culture and approved packing material are exempt

#### **4.3.4 Tissue Culture**

Conditions:

Import permit and phytosanitary certificate required.

- Plantlets must originate from mother plants which are free of any plant pathogens regulated by Canada.
- Plantlets must be propagated *in-vitro* in a sterile medium under sterile conditions that preclude the possibility of infestation with any pests of quarantine concern to Canada.
- Plantlets must be produced and shipped in sealed, aseptic, transparent containers.
- *In-vitro* plants are exempt from additional declarations for soil pests.

#### **4.3.5 Aquatic Plants**

Conditions:

Import permit and phytosanitary certificate required. Must be free from soil.

#### **4.3.6 Pollen for propagation**

Pollen from all genera (except pollen from *Prunus* spp., *Chaenomeles* spp., *Cydonia* spp., *Malus* spp., *Pinus* spp., and *Pyrus* spp. which is prohibited)

Conditions:

Import permit and phytosanitary certificate not required.

#### **4.4 Seeds, Grains and Nuts**

Please refer to Appendix 3 for the Canadian NAPPRA (Not Authorised Pending Pest Risk Analysis) List.

Weblink:

#### **4.4.1 Seeds, Grains and Nuts for Sowing**

##### **Forage Crops**

###### Conditions:

Includes, but not limited to, *Lotus corniculatus* (birds foot trefoil), *Medicago sativa* (alfalfa) and forage crops not otherwise mentioned. Import permit and phytosanitary certificate not required. Material must be clean and free from soil and prohibited weed species.

##### **Tree and Shrub Seed**

###### Conditions:

Import permit and phytosanitary certificate required.

##### **Vegetable and Flower Seed**

###### Conditions:

Seed must be commercially packaged. Import permit and phytosanitary certificate not required.

##### **Cereal seeds (grains)**

###### Conditions:

Import permit and phytosanitary certificate required.

#### **4.4.2 Seeds, Grains and Nuts for Processing**

##### **Cereal seeds (grains)**

###### Conditions:

Import permit and phytosanitary certificate required. Material must be clean and free from soil and prohibited weed species. The total of extraneous material must not exceed 2% by weight.

#### **4.4.3 Seeds, Grains and Nuts for Consumption**

##### **Nuts**

###### Conditions:

All nuts except *Arachis* sp., *Castanea* sp. and *Corylus avellana*  
Import permit and phytosanitary certificate not required.

##### **Cereal seeds (grains)**

###### Conditions:

Import permit and phytosanitary certificate required. Material must be clean and free from soil and prohibited weed species. The total of extraneous material must not exceed 2% by weight.

#### **4.5 Growing Media and Packing Material**

##### **Approved growing media**

## **MUST:**

- Consist of synthetic or other approved substances (other than soil and related matter) used singly or in combinations. Examples of approved growing media include expanded or baked clay pellets, expanded polystyrene beads, floral foam, ground coconut husk, ground cocoa pods, ground coffee hulls, ground rice husk, peat (see specific requirements), perlite, pumice, recycled paper, rock wool, sawdust, sphagnum (see specific requirements), styrofoam, synthetic sponge, vermiculite, volcanic ash or cinder and wood fibre.
- Contain only substances that were not used previously for growing plants or other agricultural purposes.
- Remain free of, or rendered inherently free of, plant pests.
- Remain free of sand and related matter.

### Conditions:

Soil is prohibited. Import permit and phytosanitary certificate generally required, see specific commodity requirements or exporters must contact CFIA to confirm entry requirements.

Note: Restrictions have been put in place to prevent the introduction into Canada of quarantine pests associated with soil. The importation of soil is prohibited into Canada from all off-continent sources and some areas of the United States (U.S.). However plants in approved media may be allowed entry if grown under the conditions of the Canadian Growing Media Program (CGMP). This programme is outlined in the Directive D-96-20. This directive contains the Canadian Growing Media Program (CGMP) and states the phytosanitary import requirements for plants rooted in approved media not containing soil and related matter.

### Link:

Directive D-96-20 Canadian Growing Media Program, Prior Approval Process and Import Requirements for Plants Rooted in Approved Media.htm

### Regulated Commodities:

Growing media in which plants, liners, cuttings, slips or seedlings are rooted.

**Note:** Transparent or translucent sterile growing media in association with tissue culture and approved packing material are exempt

### Packing Material

Plants for planting frequently enter Canada in association with packing material that is intended to protect plants during shipping and maintain moisture around bare rooted plants or unrooted plants and plant parts. Plants must not be rooted in the packing material.

Approved packing materials include the following:

- Cocoa peat (coconut husk pith or fibres)
- Cork (ground cork)
- Wood shaving, wood wool, saw dust, excelsior (or other very fine wood shavings)
- Paper
- Peat
- Perlite
- Polyacrylamide (water absorbing polymers)

- Rice chaff
- Vermiculite

Other products or materials may be approved by the CFIA on a case-by-case basis. All of the above materials must be free of soil and related matter. These materials are not acceptable if they have been previously used for growing, rooting or packing plants or plant materials. Packing cases for shipping any regulated plant commodity must be new and free of soil and related matter.

Peat/Sphagnum moss (any moss or mosses (*Bryophyta*) which belong to a species known to be a significant component in peat)

Peat/Sphagnum moss can only be used as a packing material if is non-viable and has been either inspected by the NPPO and found to be free of plant debris, soil and related matter; or dried; or treated, see specific commodity requirements.

### **Wood Packaging Material**

#### **Conditions:**

Wood packaging contained with shipment displays the ISPM No.15 compliant stamp.

#### **OR**

Wood packaging material is accompanied by a phytosanitary certificate, ie approved treatment per ISPM No. 15

## **4.6 Micro-organisms, Microbiological and Laboratory Specimens**

#### **Conditions:**

Import permit required.

## **5. Commodity Specific Requirements**

### **IMPORTANT NOTE**

CFIA Directive D-07-03 outlines requirements for the importation of host species that may contain life stages of light brown apple moth (*Epiphyas postvittana*) (LBAM) and applies to all unrooted and rooted plants, cut flowers, cut foliage and decorative branches and fresh fruits and vegetables of regulated LBAM host taxa.

The complete list of taxa regulated for LBAM can be found in Appendix 1 or through the following weblink: <http://www.inspection.gc.ca/english/plaveg/protect/dir/d-07-03e.shtml>.

\*\*\*\*\*Specific LBAM host taxa are exempt from the LBAM quarantine requirements where market access is already established ie has prior approval. These have been separately listed in the Appendix 1.

Exempt commodity classes;

- Processed fruit and vegetables\*
- Dried plant material
- Dormant deciduous plants without leaves
- Forage
- Seeds
- Below ground parts of plants (e.g. roots, tubers, corms)

Additional Note: MPI is awaiting advice from CFIA for the rest of commodities currently not

identified as having prior approval. As soon as MPI gets information from CFIA on commodities with prior approval, MPI will post this in this document. Exporters are in the meantime encouraged to check on the importation status through their importing agents in Canada or directly with CFIA.

## 5.1 Fruit and Vegetables

### 5.1.1 Fresh Fruit and Vegetables for Consumption

Actinidia spp.

Kiwifruit

Conditions:

Import permit not required. Phytosanitary certification not required.

Agaricus bisporus

Mushrooms-button, cremini and portabello

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Agaricus spp.

Mushroom

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Allium cepa

Green onion, Scallion

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Allium oschaninii

Shallot

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Allium porrum

Leek

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Allium sativum

Garlic

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Allium spp.

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Alpinia spp.

Galangal

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Amorphophallus spp.

Suran, Elephant yam

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Angelica sinensis

Dong quai

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Apium graveolens var. rapaceum

Celeriac, Celery root

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Apium spp.

Conditions:

Import permit required. Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Arachis hypogaea

Peanuts (in shell)

Conditions:

Import permit required. Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Arctium spp.

Burdock root, Gobo

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Armoracia lapathifolia

Horse radish

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Armoracia rusticana

Horseradish

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Beta spp.

Beet

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers

Brassica napus var. napobrassica

Rutabaga, Swede

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new



containers.

Brassica rapa

Conditions:

Import permit not required. Phytosanitary certificate required. Must be clean, free from soil and packed in new containers.

Note: regulated material for light brown apple moth.

Brassica rapa subsp. rapa

Turnip

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Calathea allouia

Leren, Topi-tambo

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Capsicum spp.

Pepper

Conditions:

Import permit not required. Phytosanitary certificate required. Must be clean, free from soil and packed in new containers.

Chichorium intybus

Chicory root

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Chichorium spp.

Chicory

Conditions:

Import permit required. Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Citrus spp.

Citrus

Conditions:

Import permit and phytosanitary certificate not required.

Colocasia esculenta

Taro, Arvi, Dasheen, Eddo, Kalo

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Coriandrum sativum

Coriander

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Cucumis spp.

Cucurbits

Conditions:

Import permit not required. Phytosanitary certificate required.

Must be clean, free from soil and packed in new containers.

Note: *Cucumis sativus* is a regulated material for light brown apple moth.

Curcuma longa

Turmeric, Haldi

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Cydonia oblonga

Quince

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declarations:

For entry to British Columbia:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)" and either

"Material was treated with 64 gm/m<sup>3</sup> methyl bromide at 5-10 Celsius degrees for 2 hours at normal atmospheric pressure"

Note - this declaration is not acceptable for material in used containers or destined to canneries. Fumigation below 5 Celsius degrees is not acceptable.

or

"Material was treated with 48 gm/m<sup>3</sup> methyl bromide at 11-15 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 40gm/m<sup>3</sup> methyl bromide at 16-20 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 32 gm/m<sup>3</sup> methyl bromide at 21-26 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 24 gm/m<sup>3</sup> methyl bromide at 27-31 Celsius degrees for 2 hours at normal atmospheric pressure"

For other than British Columbia:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Daucus carota subsp. sativus

Carrot

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Note: Only carrots with tops are a regulated material for light brown apple moth.

Daucus spp.

Carrot

Conditions:

Phytosanitary certificate required. Must be clean, free from soil and packed in new containers.

Note: Only carrots with tops are a regulated material for light brown apple moth.

Dioscorea spp.

Yam

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Diospyros spp.

Persimmon

Conditions:

Import permit not required. Phytosanitary certificate not required.

Eleocharis dulcis

Water chestnut

Conditions:

Import permit required. Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Flammulina velutipes

Mushroom-enoki

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Fragaria spp.

Strawberry

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declaration:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Helianthus tuberosus

Jerusalem artichoke

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Ipomoea batatas

Sweet potato, Boniato

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Lentinula edodes

Mushroom-shiitake

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Lilium spp.

Lily bulbs

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Lycopersicon spp

Tomato

Conditions:

Import permit not required. Phytosanitary certificate required.

Malus spp.

Apple/crab apple

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required. Produce must be free from soil, pests, leaves and/or plant debris.

Note: regulated material for light brown apple moth.

Additional declaration:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Additional notes:

1. A PPQ 203 certificate issued by the U.S. Department of Agriculture is no longer acceptable in lieu of a MPI phytosanitary certificate.
2. Consignments re-exported from the United States of America to Canada need to be accompanied by a USDA re-export phytosanitary certificate (PPQ 579) and an original (or a verified copy of the original) MPI phytosanitary certificate.
3. In addition, Canada is offering the USDA the opportunity of issuing a USDA phytosanitary certificate (PPQ 577) with the appropriate additional declaration based on the PPQ 203 that is issued in New Zealand.

*Manihot esculenta*

Cassava, Manioc, Tapioca

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

*Maranta arundinacea*

Arrowroot

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

*Nelumbo nucifera*

Lotus root

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

*Pachyrhizus erosus*

Jicama

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

*Panax* spp. (roots)

Ginseng

Conditions:

Import permit required. Phytosanitary Certificate and additional declaration required. Roots must be free of soil and plant debris and transported in new clean containers.

Additional declaration:

"The material in this consignment is free of *Colletotrichum panacicola*."

*Pastinaca sativa* subsp. *sativa*

Parsnip

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

*Pastinaca* spp.

Parsnip

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

*Pleurotus ostreatus*

Mushroom-oyster

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new

containers.

Prunus persica

Peach

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declarations:

For entry to British Columbia:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)" and either

"Material was treated with 64 gm/m<sup>3</sup> methyl bromide at 5-10 Celsius degrees for 2 hours at normal atmospheric pressure"

Note - this declaration is not acceptable for material in used containers or destined to canneries. Fumigation undertaken below 5 Celsius degrees is not acceptable.

or

"Material was treated with 48 gm/m<sup>3</sup> methyl bromide at 11-15 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 40gm/m<sup>3</sup> methyl bromide at 16-20 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 32 gm/m<sup>3</sup> methyl bromide at 21-26 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 24 gm/m<sup>3</sup> methyl bromide at 27-31 Celsius degrees for 2 hours at normal atmospheric pressure"

For districts other than British Columbia:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Prunus armeniaca

Apricot

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declarations:

For entry to British Columbia:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)" and either

"Material was treated with 64 gm/m<sup>3</sup> methyl bromide at 5-10 Celsius degrees for 2 hours at normal atmospheric pressure" This declaration is not acceptable for material in used containers and destined to canneries. Fumigation undertaken below 5 Celsius degrees is not acceptable.

or

"Material was treated with 48 gm/m<sup>3</sup> methyl bromide at 11-15 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 40gm/m<sup>3</sup> methyl bromide at 16-20 Celsius degrees for 2 hours at normal atmospheric pressure"

or  
"Material was treated with 32 gm/m<sup>3</sup> methyl bromide at 21-26 Celsius degrees for 2 hours at normal atmospheric pressure"  
or  
"Material was treated with 24 gm/m<sup>3</sup> methyl bromide at 27-31 Celsius degrees for 2 hours at normal atmospheric pressure"  
For districts other than British Columbia:  
"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Prunus avium

Cherry

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declaration:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Prunus domestica

Plum

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declarations:

For entry to British Columbia:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)" and either

"Material was treated with 64 gm/m<sup>3</sup> methyl bromide at 5-10 Celsius degrees for 2 hours at normal atmospheric pressure"

Note - this declaration is not acceptable for material in used containers or destined to canneries. Fumigation at a temperature below 5 Celsius degrees is not acceptable.

or  
"Material was treated with 48 gm/m<sup>3</sup> methyl bromide at 11-15 Celsius degrees for 2 hours at normal atmospheric pressure"

or  
"Material was treated with 40gm/m<sup>3</sup> methyl bromide at 16-20 Celsius degrees for 2 hours at normal atmospheric pressure"

or  
"Material was treated with 32 gm/m<sup>3</sup> methyl bromide at 21-26 Celsius degrees for 2 hours at normal atmospheric pressure"

or  
"Material was treated with 24 gm/m<sup>3</sup> methyl bromide at 27-31 Celsius degrees for 2 hours at normal atmospheric pressure"

For districts other than British Columbia:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Prunus persica

Nectarine

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declarations:

For entry to British Columbia:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)" and either

"Material was treated with 64 gm/m<sup>3</sup> methyl bromide at 5-10 Celsius degrees for 2 hours at normal atmospheric pressure"

Note - this declaration is not acceptable for material in used containers or destined to canneries. Fumigation undertaken below 5 Celsius degrees is not acceptable.

or

"Material was treated with 48 gm/m<sup>3</sup> methyl bromide at 11-15 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 40gm/m<sup>3</sup> methyl bromide at 16-20 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 32 gm/m<sup>3</sup> methyl bromide at 21-26 Celsius degrees for 2 hours at normal atmospheric pressure"

or

"Material was treated with 24 gm/m<sup>3</sup> methyl bromide at 27-31 Celsius degrees for 2 hours at normal atmospheric pressure"

For other than British Columbia:

"Material was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

*Pyrus communis*

Pear (common)

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declaration:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

*Pyrus pyrifolia*

Nashi/Asian pear

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declaration:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

*Raphanus sativus*

Radish

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

*Raphanus sativus* subsp. *longipinnatus*

Daikon, Lobok

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Ribes spp.

Currant/gooseberry

Conditions:

Import permit not required. Phytosanitary certificate required.

Note: regulated material for light brown apple moth.

Additional declaration:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Rubus spp.

Raspberry/Blackberry/Loganberry/Boysenberry

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required.

Note: regulated material for light brown apple moth.

Additional declaration:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Smallanthus sonchifolius

Yacon

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Solanum tuberosum

Potato

Conditions:

PROHIBITED. Pest risk analysis required.

Tragopogon porrifolius

Salsify

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Tuber spp.

Truffle

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Vaccinium corymbosum

Blueberry

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration required. Must be commercially packed, graded, free from debris and soil and shipped in new containers.

Note: regulated material for light brown apple moth.

Additional declaration:

"This consignment was inspected and found free of all living stages of light brown apple moth (*Epiphyas postvittana*) and painted apple moth (*Teia* [*Orgyia*] *anartoides*)."

Vaccinium macrocarpon

Cranberry

Conditions:

PROHIBITED

Vitis spp.

Grapes

Conditions:

Import permit not required. Phytosanitary certificate and additional declaration



required.

Note: regulated material for light brown apple moth.

Additional declaration:

"This consignment was inspected and found free from all living stages of light brown apple moth (*Epiphyas postvittana*)"

Additional notes:

4. A PPQ 203 certificate issued by the U.S. Department of Agriculture is no longer acceptable in lieu of a MPI phytosanitary certificate.
5. Consignments re-exported from the United States of America to Canada need to be accompanied by a USDA re-export phytosanitary certificate (PPQ 579) and an original (or a verified copy of the original) MPI phytosanitary certificate.
6. In addition, Canada is offering the USDA the opportunity of issuing a USDA phytosanitary certificate (PPQ 577) with the appropriate additional declaration based on the PPQ 203 that is issued in New Zealand.

Wasabia japonica

Wasabi

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

Zingiber officinale

Ginger

Conditions:

Phytosanitary certificate not required. Must be clean, free from soil and packed in new containers.

### **5.1.2 Fresh Fruit and Vegetables for Processing**

Vaccinium corymbosum

Blueberry

Note: regulated material for light brown apple moth.

Conditions:

"This consignment was inspected and found free of all living stages of light brown apple moth (*Epiphyas postvittanas*) and painted apple moth (*Teia [Orgyia] anartoides*)"

## **5.2 Nursery Stock**

### **5.2.1 Budwood and Cuttings, Aerial plants and Epiphytes**

Panax spp. (excluding seeds and roots)

Ginseng

Conditions:

Import permit required. Phytosanitary certificate and additional declarations are required.

Additional declarations:

"The material in this consignment is free of *Colletotrichum panacicola*"

And the following:

"The plant material included in this shipment was grown in soil in which the Potato Wart Disease, *Synchytrium endobioticum* (Schilb.) Perc. is known not to occur and in which, based on official soil surveys or other precautionary practices, the Potato Cyst Nematodes, *Globodera rostochiensis* Woll. and *Globodera pallida* Stone are known not to occur."

### **5.2.2 Bulbs/tubers/corms/rhizomes for propagation**

Allium spp.

Onion/chives/leeks/shallots

Conditions:

Import permit required. Phytosanitary certificate and additional declarations required. Must be free from soil and related matter.

Additional declarations:

"Material is free of white rot of onion (*Sclerotium cepivorum*)"

and

"Material is free of the stem and bulb nematode (*Ditylenchus dipsaci*)"

and

"Material was grown in soil where the potato wart disease (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur"

*Paeonia* spp.

Peony

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required. Material must be free from soil and related matter.

Additional declarations:

"Material was grown in soil where the potato wart disease (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur"

or

"Potato wart disease (*Synchytrium endobioticum*), potato cyst nematodes (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur in the country of origin of the plant material"

*Panax* spp. (roots)

Ginseng

Conditions:

Import permit required. Phytosanitary certificate and additional declarations are required. Roots must be free of soil and plant debris and transported in new clean containers.

Additional declarations:

"The material in this consignment is free of *Colletotrichum panacicola*"

And the following:

"The plant material included in this shipment was grown in soil in which the Potato Wart Disease, *Synchytrium endobioticum* (Schilb.) Perc. is known not to occur and in which, based on official soil surveys or other precautionary practices, the Potato Cyst Nematodes, *Globodera rostochiensis* Woll. and *Globodera pallida* Stone, are known not to occur."

#### 5.2.4 Whole Plants

Note: Restrictions have been put in place to prevent the introduction into Canada of quarantine pests associated with soil. The importation of soil is prohibited into Canada from all off-continent sources and some areas of the United States (U.S.). However plants in approved media may be allowed entry if grown under the conditions of the Canadian Growing Media Program (CGMP). This programme is outlined in the Directive D-96-20. This directive contains the Canadian Growing Media Program (CGMP) and states the phytosanitary import requirements for plants rooted in approved media not containing soil and related matter.

Link:

Directive D-96-20 Canadian Growing Media Program, Prior Approval Process and Import Requirements for Plants Rooted in Approved Media.htm

Regulated Commodities:

Growing media in which plants, liners, cuttings, slips or seedlings are rooted.

**Note:** Transparent or translucent sterile growing media in association with tissue culture and approved packing material are exempt

Abies spp.

White Fir, Red Fir and Grand Fir

Conditions:

PROHIBITED

Acer spp.

Maple

Conditions:

Import permit. Phytosanitary certificate and additional declarations required.

Additional declaration:

"The plant material in this consignment was solely grown in New Zealand and *Anoplophora chinensis* and *A. glabripennis* are known not to occur in New Zealand."

Aconogonon spp.

(Plants with roots)

Not authorised pending pest risk analysis

Allium cepa

Onion

Conditions:

Import permit required. Phytosanitary certificate and additional declarations required.

Additional declarations:

"Material is free of white rot of onion (*Sclerotium cepivorum*)" and

"Material was grown in soil where the potato wart disease (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur"

Berberis spp.

Barberry

Conditions:

PROHIBITED

Bistorta spp.

(Plants with roots)

Not authorised pending pest risk analysis

Buxus spp.

Box wood/plant

Conditions:

Import permit required. Phytosanitary certificate and additional declaration required.

Additional declaration:

"The consignment was produced in a CFIA-recognized pest-free area for *Cydalima perspectalis*."

Cannabis sativa

Hemp

Conditions:

- Plants originally associated with soil (i.e. rooted or grown in soil) must be imported bare-rooted and free of soil - Import permit and phytosanitary certificate required with appropriate additional declarations for soil pests.

Additional declaration:

"The plants in this consignment are free of quarantine soil pests associated with *Cannabis sativa*"

- Plants rooted and imported in a medium approved under the Canadian Growing Media Program (CGMP) - Import permit and phytosanitary certificate required.

Capsicum spp.

Peppers

Conditions:

PROHIBITED

Chrysanthemum spp.

Chrysanthemum

Conditions:

PROHIBITED

Clivia spp.

Kaffir Lily

Conditions:

Import permit required. Phytosanitary certificate and additional declarations required.

Additional declarations:

"Material was grown in soil where the potato wart disease (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur"

Dendrathera spp.

Chrysanthemum

Conditions:

PROHIBITED

Fallopia spp.

(Plants with roots)

Not authorised pending pest risk analysis

Helleborus spp.

Hellebore

Conditions:

Import permit required. Phytosanitary certificate and additional declarations required.

Additional declarations:

"Material was grown in soil where the potato wart disease (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur"

Lycopersicon esculentum

Tomato

Conditions:

PROHIBITED

Mahoeberberis spp.

Barberry

Conditions:

Prior approval from CFIA required.

Mahonia spp.

Holly

Conditions:

Prior approval from CFIA required.

Nicotiana tabacum

Tobacco

Conditions:

PROHIBITED

Panax spp. (excluding seeds and roots)

Ginseng

Conditions:

Import permit required. Phytosanitary certificate and additional declarations are required. Roots must be free of soil and plant debris and transported in new clean containers.

Additional declarations:

"The material in this consignment is free of *Colletotrichum panacicola*"

And the following:

"The plant material included in this shipment was grown in soil in which the Potato Wart Disease, *Synchytrium endobioticum* (Schilb.) Perc. is known not to occur and in which, based on official soil surveys or other precautionary practices, the Potato Cyst Nematodes, *Globodera rostochiensis* Woll. and *Globodera pallida* Stone are known not to occur."

Persicaria spp.

(Plants with roots)

Not authorised pending pest risk analysis

Phormium spp.

Flax lily

Conditions:

Import permit required. Phytosanitary certificate and additional declarations required.

Additional declarations:

"Material was grown in soil where the potato wart disease (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur"

Pseudotsuga spp.

Fir

Conditions:

PROHIBITED

Pyrethrum uliginosum

Chrysanthemum

Conditions:

PROHIBITED

Rhamnus spp.

Buckthorn

Conditions:

PROHIBITED

Sandersonia spp.

Conditions:

Import permit required. Phytosanitary certificate and additional declarations required.

Additional declarations:

"Material was grown in soil where the potato wart disease (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis*

and *Globodera pallida*) are not known to occur“

Trapa spp.

Water chestnut

Conditions:

PROHIBITED

Vitis spp.

Grape

Conditions:

PROHIBITED

Zantedeschia spp.

Calla

Conditions:

Import permit required. Phytosanitary certificate and additional declarations required.

Additional declarations:

"Material was grown in soil where the potato wart disease (*Synchytrium endobioticum*) has not been recorded and where, based on official soil surveys or other precautionary practices, the potato cyst nematode (*Globodera rostochiensis* and *Globodera pallida*) are not known to occur“

Zea mays

Corn (on the cob)

Conditions:

Prior approval from CFIA required.

Zelkova spp.

Elm

Conditions:

PROHIBITED

### 5.2.5 Aquatic Plants

Anacharis densa

Elodea

Conditions:

PROHIBITED

Egeria densa

Elodea

Conditions:

PROHIBITED

Elodea densa

Elodea

Conditions:

PROHIBITED

Hydrilla verticillata

Hydrilla

Conditions:

PROHIBITED

Myriophyllum spp.

Milfoil/water weed

Conditions:

PROHIBITED

Trapa spp.

Water chestnut

Conditions:

PROHIBITED

## 5.3 Seeds, Grains and Nuts

### 5.3.1 Seeds, Grains and Nuts for Sowing

Avena spp.

Oats

Conditions:

Import permit and phytosanitary certificate required.

Additional declaration: as specified on import permit

Berberis spp.

Barberry

Conditions:

PROHIBITED

Cannabis sativa

Hemp

Conditions:

Import permit and phytosanitary certificate required. Must be clean (free from soil, regulated weeds and regulated pests)

Hordeum spp.

Barley

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain Range and Ontario - East of Thunder Bay: Import permit and phytosanitary certificate required.

For all other areas:

Import permit, phytosanitary certificate and additional declaration required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa*"

or

"The material is free from spores of *Tilletia controversa* on the basis of official laboratory testing"

And

"The material originated in an area free from *Urocystis agropyri* on the basis of official surveys."

or

"The material originated in an area free from *Urocystis agropyri*."

or

"The material is free from spores of *Urocystis agropyri* on the basis of official laboratory testing."

Mahoberberis spp.

Barberry

Conditions:

PROHIBITED

Mahonia spp.

Holly

Conditions:

PROHIBITED

Panax spp.

Ginseng

Conditions:

Import permit required. Phytosanitary certificate and additional declarations are

required. Seeds must be free of soil and plant debris including stems, leaves and other above-ground parts.

Additional declarations:

"The material in this consignment is free of *Colletotrichum panacicola*"

And the following:

"The plant material included in this shipment was grown in soil in which the Potato Wart Disease, *Synchytrium endobioticum* (Schilb.) Perc. is known not to occur and in which, based on official soil surveys or other precautionary practices, the Potato Cyst Nematodes, *Globodera rostochiensis* Woll. and *Globodera pallida* Stone are known not to occur."

Panicum spp.

Millet

Conditions:

Import permit and phytosanitary certificate not required.

Prunus spp.

Conditions:

PROHIBITED

Secale spp.

Rye

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain Range and Ontario - East of Thunder Bay:

Import permit and phytosanitary certificate required.

For all other areas:

Import permit, phytosanitary certificate and additional declaration required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa*"

or

"The material is free from spores of *Tilletia controversa* on the basis of official laboratory testing"

Solanum spp. (True seed)

Potato and other tuber bearing Solanum species

Conditions:

Import permit and phytosanitary certificate required.

Additional declaration:

"The potato plants from which the seed in this consignment was produced were free of seed-transmitted viruses and viroids" - based on country freedom or laboratory tests of the parent material and isolation to prevent infection with the following seed-transmitted viruses and viroids; Andean potato latent virus (APLV); Arracacha virus B - Oca strain (AVB-O); Potato Spindle Tuber Viroid (PSTVd); Potato virus T (PVT); Potato yellowing virus (PYV); Tobacco ringspot virus - calico strain (TRSV-Ca); Tomato black ring virus (TBRV)

Sorghum spp.

Conditions:

No import permit and no phytosanitary certificate required for:

Breeder, Foundation or Certified *Sorghum* seed that has been certified by a member of an official certifying agency recognized by the CFIA (e.g., the Association of Official Seed



Certifying Agencies [AOSCA] or the Organisation for Economic Co-operation and Development [OECD] Seed Schemes). Certification documentation, such as a copy of the seed tag or bulk seed certificate, must be presented at the time of entry into Canada.

Note: If the material has been treated to render it free from regulated pests, the treatment details must appear on the phytosanitary certificate. Acceptable treatments for *Sorghum* include heat and chemical fumigation. Please contact CFIA for treatment details.

x *Triticosecale*

Triticale

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain range and Ontario - East of Thunder Bay

Import permit and phytosanitary certificate required and additional declaration.

Additional declaration:

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

For all other areas:

Import permit, phytosanitary certificate and either additional declaration or treatment required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

Or Treatment:

For winter wheat seed: difenoconazole, used as per the manufacturer's recommendations for the treatment of *Tilletia controversa*.

*Triticum* spp.

Wheat

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain range and Ontario - East of Thunder Bay

Import permit and phytosanitary certificate required and additional declaration.

Additional declaration:

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from Wheat attacking strains of *Urocystis*

*agropyri* (FSW (Flat Smut of Wheat))”

or

"The material is free from spores of Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing”

For all other areas:

Import permit, phytosanitary certificate and either additional declaration or treatment required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys”

or

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))”

or

"The material is free from spores of *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing”

Or Treatment:

For winter wheat seed: difenoconazole, used as per the manufacturer's recommendations for the treatment of *Tilletia controversa*.

*Zea mays*

Corn/sweet corn/maize (Dried only)

Conditions:

Import permit and phytosanitary certificate not required.

### 5.3.2 Seeds, Grains and Nuts for Processing

*Avena* spp.

Oats

Conditions:

Import permit and phytosanitary certificate required.

*Hordeum* spp.

Barley

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain Range and Ontario - East of Thunder Bay: Import permit and phytosanitary certificate required.

For all other areas:

Import permit, phytosanitary certificate and additional declaration required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* on the basis of official surveys”

or

"The material originated in an area free from *Tilletia controversa*”

or

"The material is free from spores of *Tilletia controversa* on the basis of official laboratory testing”

*Secale* spp.

Rye

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain Range and Ontario - East of Thunder

Bay:

Import permit and phytosanitary certificate required.

For all other areas:

Import permit, phytosanitary certificate and additional declaration required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa*"

or

"The material is free from spores of *Tilletia controversa* on the basis of official laboratory testing"

*Sorghum* spp.

Conditions:

No import permit and no phytosanitary certificate required for:

- Commercially clean grain for non-propagative use
- Processed (hulled, milled, ground, broken, cooked) products and by-products (e.g. flour, bran, etc.)

*x Triticosecale*

Triticale

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain range and Ontario - East of Thunder Bay

Import permit and phytosanitary certificate required and additional declaration.

Additional declaration:

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

For all other areas:

Import permit, phytosanitary certificate and either additional declaration or treatment required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

Or Treatment:

For winter wheat seed: difenoconazole, used as per the manufacturer's recommendations for the treatment of *Tilletia controversa*.

Triticum spp.

Wheat

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain range and Ontario - East of Thunder Bay

Import permit and phytosanitary certificate required and additional declaration.

Additional declaration:

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

For all other areas:

Import permit, phytosanitary certificate and either additional declaration or treatment required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

Or Treatment:

For winter wheat seed: difenoconazole, used as per the manufacturer's recommendations for the treatment of *Tilletia controversa*.

### 5.3.3 Seeds, Grains and Nuts for Consumption

Avena spp.

Oats

Conditions:

Import permit and phytosanitary certificate required.

Hordeum spp.

Barley

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain Range and Ontario - East of Thunder Bay: Import permit and phytosanitary certificate required.

For all other areas:

Import permit, phytosanitary certificate and additional declaration required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa*"

or

"The material is free from spores of *Tilletia controversa* on the basis of official laboratory testing"

Secale spp.

Rye

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain Range and Ontario - East of Thunder Bay:

Import permit and phytosanitary certificate required.

For all other areas:

Import permit, phytosanitary certificate and additional declaration required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa*"

or

"The material is free from spores of *Tilletia controversa* on the basis of official laboratory testing"

x Triticosecale

Triticale

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain range and Ontario - East of Thunder Bay

Import permit and phytosanitary certificate required and additional declaration.

Additional declaration:

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

For all other areas:

Import permit, phytosanitary certificate and either additional declaration or treatment required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

Or Treatment:

For winter wheat seed: difenoconazole, used as per the manufacturer's

recommendations for the treatment of *Tilletia controversa*.

Triticum spp.

Wheat

Conditions:

For British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain range and Ontario - East of Thunder Bay

Import permit and phytosanitary certificate and additional declaration required.

Additional declaration:

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

For all other areas:

Import permit, phytosanitary certificate and either additional declaration or treatment required.

Additional declaration:

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official surveys"

or

"The material originated in an area free from *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat))"

or

"The material is free from spores of *Tilletia controversa* and Wheat attacking strains of *Urocystis agropyri* (FSW (Flat Smut of Wheat)) on the basis of official laboratory testing"

Or Treatment:

For winter wheat seed: difenoconazole, used as per the manufacturer's recommendations for the treatment of *Tilletia controversa*.

Zea mays

Corn/sweet corn/maize

Conditions:

Dried seed only permitted. Import permit and phytosanitary certificate not required.

## 5.4 Growing Media and Packing Material

### Approved growing media

#### **MUST:**

- Consist of synthetic or other approved substances (other than soil and related matter) used singly or in combinations. Examples of approved growing media include expanded or baked clay pellets, expanded polystyrene beads, floral foam, ground coconut husk, ground cocoa pods, ground coffee hulls, ground rice husk, peat (see specific requirements), perlite, pumice, recycled paper, rock wool, sawdust, sphagnum (see specific requirements), styrofoam, synthetic sponge, vermiculite, volcanic ash or cinder and wood fibre.
- Contain only substances that were not used previously for growing plants or other agricultural purposes.

- Remain free of, or rendered inherently free of, plant pests.
- Remain free of sand and related matter.

**Conditions:**

Soil is prohibited. Import permit and phytosanitary certificate generally required, see specific commodity requirements or exporters must contact CFIA to confirm entry requirements.

Exempt: Transparent or translucent aseptic medium for tissue cultured plants

Note: Restrictions have been put in place to prevent the introduction into Canada of quarantine pests associated with soil. The importation of soil is prohibited into Canada from all off-continent sources and some areas of the United States (U.S.). However plants in approved media may be allowed entry if grown under the conditions of the Canadian Growing Media Program (CGMP). This programme is outlined in the Directive D-96-20. This directive contains the Canadian Growing Media Program (CGMP) and states the phytosanitary import requirements for plants rooted in approved media not containing soil and related matter.

Directive D-96-20 "Canadian Growing Media Program, Prior Approval Process and Import Requirements for Plants Rooted in Approved Media" can be found the link below:

<http://www.inspection.gc.ca/plants/plant-pests-invasive-species/directives/imports/d-96-20/eng/1323854223506/1323854308201#d1>

**Regulated Commodities:**

Growing media in which plants, liners, cuttings, slips or seedlings are rooted.

**Note:** Transparent or translucent sterile growing media in association with tissue culture and approved packing material are exempt.

**Dicksonia fibrosa**

**Tree Fern/Ponga**

The following conditions apply for Wood Fibre as growing medium.

**Conditions:**

Import permit, phytosanitary certificate, additional declarations required. The material must be free of pests and/or signs of living pests. "The material has been heat treated to a temperate of 56 degree Celsius at the core for at least 30 minutes." This must be stated in the treatment section of the certificate.

**Additional Declaration:**

"The material is free of soil"

**Packing Material**

Plants for planting frequently enter Canada in association with packing material that is intended to protect plants during shipping and maintain moisture around bare rooted plants or unrooted plants and plant parts. Plants must not be rooted in the packing material. Approved packing materials include the following:

- Cocoa peat (coconut husk pith or fibres)



- Cork (ground cork)
- Wood shavings, wood wool, saw dust, excelsior (or other very fine wood shavings)
- Paper
- Peat
- Perlite
- Polyacrylamide (water absorbing polymers)
- Rice chaff
- Rockwool
- Vermiculite

Other products or materials may be approved by the CFIA on a case-by-case basis. All of the above materials must be free of soil and related matter. These materials are not acceptable if they have been previously used for growing, rooting or packing plants or plant materials. Packing cases for shipping any regulated plant commodity must be new and free of soil and related matter.

Peat moss (any moss or mosses (*Bryophyta*) which belong to a species known to be a significant component in peat)

Peat moss can only be used as a packing material if it has been either inspected by the NPPO and found to be free of plant debris, soil and related matter; or dried; or treated according to the requirements listed below;

### Approved Treatments for Peat/Sphagnum Moss

#### 1. Dry Heat

| Sample                         | Temperature        | Exposure Period<br>Minutes (Hours) |
|--------------------------------|--------------------|------------------------------------|
| Large: more than 2.5 kg(5 lbs) | 110-120 (230-249 ) | 960 (16 hrs)                       |
|                                | 121-154 (250-309)  | 120 (2 hrs)                        |
|                                | 155-192 (310-379)  | 30 minutes                         |
|                                | 193-220 (380-429)  | 4 minutes                          |
|                                | 221-232 (430-450)  | 2 minutes                          |
|                                |                    |                                    |
| Small: less than 2.5 kg(5 lbs) | 120 (250)          | 30 minutes                         |

#### 2. Steam Heat

| Pressure kPa (psi) | Temperature | Exposure Period<br>Minutes |
|--------------------|-------------|----------------------------|
| 104 (15)           | 117 (245)   | 30 minutes                 |

The exposure period may not begin until the appropriate pressure has been reached.

#### 3. Methyl Bromide Fumigation (see Note ii)

##### (i) At normal atmospheric pressure

| Sample                | Dosage g/m3 (oz/1000ft3) | Temperature | Exposure Period<br>Hours |
|-----------------------|--------------------------|-------------|--------------------------|
| Large compact samples | 368 (368)                | 16 (60)     | 16                       |
| Large loose samples   | 240 (240)                | 16 (60)     | 24                       |



|                                                        |           |                    |                              |
|--------------------------------------------------------|-----------|--------------------|------------------------------|
| Small samples                                          | 160 (160) | 16 (60)            | 3                            |
| <b>(ii) Vacuum Fumigation in 66cm (26in.) Vacuum *</b> |           |                    |                              |
| <b>Dosage g/m3 (oz/1000ft3)</b>                        |           | <b>Temperature</b> | <b>Exposure Period Hours</b> |
| 128 (128)                                              |           | 4 (40)             | 16                           |
| 165 (165)                                              |           | 4 (40)             | 12                           |
| 192 (192)                                              |           | 4 (40)             | 8                            |

\*The peat moss must be friable, moist, but not wet, and containers should be open. The amount of peat moss treated at one time must not exceed 30 cm in its smallest dimension.

**Note:**

- I. When treatment is the only option available, details must appear in the Treatment section of the phytosanitary certificate issued by the exporting country's NPPO.
- II. As a signatory to the Protocol to the Vienna Convention on Substances that Deplete the Ozone Layer (Montreal Protocol, 1987) Canada has entered the phase-out period for the use of Methyl Bromide for quarantine purposes. Canada is discouraging the use of Methyl Bromide for the treatment of peat/*Sphagnum* moss.

*Sphagnum* spp.

Sphagnum or peat moss

Conditions:

Phytosanitary certificate required. Import permit not required.

Material is not acceptable if used previously as packing material for plants or plant products. Material must be clean and free of pests and/or soil, and if packaged in containers, the containers must be new.

or  
dried

or  
treated

Treatment:

- Refer to treatments listed above

## 5.5 Microorganisms, Microbiologicals and Laboratory Specimens

Import permit normally required. Refer to CFIA website for organisms that do not require a permit

<http://www.inspection.gc.ca/plants/imports/eng/1299168480001/1299168593866>

The following dried plant material does not require an Import Permit nor a Phytosanitary Certificate from New Zealand. Imported dried plant material should be free of soil, quarantine pests and practically free of other injurious plant pests. Any imported material not in compliance may be refused entry, returned to origin, or disposed of. If determined feasible by the inspector, such shipments may be rerouted to other destinations, or diverted to approved processing facilities, provided such a course of action does not cause unwarranted pest risk;

- herbarium specimens;

## 5.6 Miscellaneous

### Animal feed (microbial)

#### Conditions:

Import permit and phytosanitary certificate not required.

### Animal feed (non-microbial and processed)

#### Conditions:

Import permit and phytosanitary certificate not required.

### Aquatic Plants

#### Conditions:

Refer Section 3.3.5

### Dried Plant Material

#### Conditions:

The following dried plant material does not require an Import Permit nor a Phytosanitary Certificate from New Zealand. Imported dried plant material should be free of soil, quarantine pests and practically free of other injurious plant pests. Any imported material not in compliance may be refused entry, returned to origin, or disposed of. If determined feasible by the inspector, such shipments may be rerouted to other destinations, or diverted to approved processing facilities, provided such a course of action does not cause unwarranted pest risk;

- herbs, spices, and teas;
- dried plant material for cosmetic, medicinal or industrial use, including leaves, stems, and roots;
- coconut fibre products;
- open dried coniferous tree cones that have expelled all their seeds;
- straw ornaments that have been shellacked or subjected to some other treatments acceptable by the CFIA.

### Manure (unprocessed)

#### Conditions:

PROHIBITED

### Manufactured brooms and whisks (*Sorghum* spp.)

#### Conditions:

Import permit not required. Phytosanitary certificate not required.

### Mushroom spawn (includes morel species other than *Armillaria* and *Armillariella*)

#### Conditions:

Import permit required. Phytosanitary certificate not required.

### Soil and related matter

#### Conditions:

PROHIBITED

### Straw and Hay of: *Triticum* spp.,

*x Triticosecale*, *Hordeum* spp.,

*Secale* spp., and *Avena* spp.

### Wheat

Triticale, Barley

Rye, Oats

The following requirements apply for all straw and hay (pure or in mixtures, including loose and baled straw or hay, straw used as packing material, and straw erosion control mats).

Conditions

Import permit required and phytosanitary certificate required with additional declaration.

Additional declaration:

"The consignment must be certified free of wheat attacking strains of *Urocystis agropyri* and *Tilletia controversa*"

The requirements apply for all straw and hay (pure or in mixtures, including loose and baled straw or hay, straw used as packing material, and straw erosion control mats.

(AD for *Tilletia controversa* is not required for consignments shipped directly to the following destinations and contained to prevent spillage or spread while in-transit:

British Columbia - Regional Districts of Central Kootenay, North Okanagan, and Columbia Shuswap west of the Monashee Mountain range and Ontario - East of Thunder Bay.

## Appendix 1. Canadian List of Taxa Regulated for Light Brown Apple Moth (LBAM)

| GENUS NAME                                     | GENUS NAME                | GENUS NAME                                         |
|------------------------------------------------|---------------------------|----------------------------------------------------|
| <i>Acacia</i> spp.                             | <i>Bursaria</i> spp.      | <i>Coronilla</i> spp.**                            |
| <i>Acca</i> spp. (synonym <i>Feijoa</i> spp. ) | <i>Calendula</i> spp.     | <i>Cotoneaster</i> spp.                            |
| <i>Actinidia</i> spp. ***                      | <i>Callistemon</i> spp.   | <i>Crataegus</i> spp.                              |
| <i>Adiantum</i> spp.                           | <i>Camellia</i> spp.      | <i>Crocasmia</i> spp.                              |
| <i>Alnus</i> spp.                              | <i>Campsis</i> spp.       | <i>Cucumis sativus</i>                             |
| <i>Amaranthus</i> spp.                         | <i>Capsicum</i> spp.      | <i>Cucurbita</i> spp.***                           |
| <i>Aquilegia</i> spp.                          | <i>Cassia</i> spp.        | <i>Cupressus</i> spp.                              |
| <i>Arbutus</i> spp.                            | <i>Ceanothus</i> spp.     | <i>Cydonia</i> spp.                                |
| <i>Arctotheca</i> spp.                         | <i>Centranthus</i> spp.   | <i>Cytisus</i> spp.                                |
| <i>Artemisia</i> spp.                          | <i>Chamaecyparis</i> spp. | <i>Dahlia</i> spp.                                 |
| <i>Asparagus</i> spp.                          | <i>Chenopodium</i> spp.   | <i>Datura</i> spp.                                 |
| <i>Astartea</i> spp.                           | <i>Choisya</i> spp.       | <i>Daucus</i> spp.(excluding carrots without tops) |
| <i>Aster</i> spp.                              | <i>Chrysanthemum</i> spp. | <i>Dendranthema</i> spp.                           |
| <i>Baccharis</i> spp.                          | <i>Citrus</i> spp.***     | <i>Diospyros</i> spp. ****                         |
| <i>Boronia</i> spp.                            | <i>Clematis</i> spp.      | <i>Dodonaea</i> spp.                               |
| <i>Brassica oleracea</i> *                     | <i>Clerodendron</i> spp.  | <i>Eriobotrya</i> spp.                             |
| <i>Breynia</i> spp.                            | <i>Clerodendrum</i> spp.  | <i>Eriostemon</i> spp.                             |
| <i>Buddleia</i> spp.                           | <i>Correa</i> spp.        | <i>Escallonia</i> spp.                             |

\**Brassica oleracea* includes, but is not limited to, wild cabbage, collards, Chinese kale, broccoli, cauliflower, head cabbage, brussels sprouts, and hybrids for which at least one parent plant is *Brassica oleracea*.

\*\*There are no LBAM import requirements for these species when they are constituents of forage.

\*\*\* The fruits of these genera are exempt from LBAM import requirements, unless they are imported in association with leaves or other plant material.

\*\*\*\* Confirmed as having prior approval in direct communication with CFIA.

| GENUS NAME               | GENUS NAME                   | GENUS NAME                 |
|--------------------------|------------------------------|----------------------------|
| <i>Eucalyptus spp.</i>   | <i>Lathyrus spp.</i>         | <i>Monotoca spp.</i>       |
| <i>Euonymus spp.</i>     | <i>Lavandula spp.</i>        | <i>Myoporum spp.</i>       |
| <i>Euphorbia spp.</i>    | <i>Leptospermum spp.</i>     | <i>Oxalis spp.</i>         |
| <i>Forsythia spp.</i>    | <i>Leucadendron spp.</i>     | <i>Parthenocissus spp.</i> |
| <i>Fortunella spp.</i>   | <i>Ligustrum spp.</i>        | <i>Pelargonium spp.</i>    |
| <i>Fragaria spp.</i>     | <i>Linum spp.</i>            | <i>Persicaria spp.</i>     |
| <i>Gelsemium spp.</i>    | <i>Litchi spp.</i>           | <i>Persea spp.</i>         |
| <i>Genista spp.</i>      | <i>Lonicera spp.</i>         | <i>Persoonia spp.</i>      |
| <i>Gerbera spp.</i>      | <i>Lupinus spp.</i>          | <i>Petroselinum spp.</i>   |
| <i>Grevillea spp.</i>    | <i>Lycopersicon spp.</i> *** | <i>Philadelphus spp.</i>   |
| <i>Hardenbergia spp.</i> | <i>Macadamia spp.</i> ***    | <i>Photinia spp.</i>       |
| <i>Hebe spp.</i>         | <i>Malus spp.</i>            | <i>Phyllanthus spp.</i>    |
| <i>Hedera spp.</i>       | <i>Mangifera spp.</i>        | <i>Picea spp.</i>          |
| <i>Helichrysum spp.</i>  | <i>Melaleuca spp.</i>        | <i>Pinus spp.</i>          |
| <i>Humulus spp.</i>      | <i>Mentha spp.</i>           | <i>Pittosporum spp.</i>    |
| <i>Hypericum spp.</i>    | <i>Mesembryanthemum spp.</i> | <i>Plantago spp.</i>       |
| <i>Jasminum spp.</i>     | <i>Michelia spp.</i>         | <i>Platysace spp.</i>      |

\**Brassica oleracea* includes, but is not limited to, wild cabbage, collards, Chinese kale, broccoli, cauliflower, head cabbage, brussels sprouts, and hybrids for which at least one parent plant is *Brassica oleracea*.

\*\*There are no LBAM import requirements for these species when they are constituents of forage.

\*\*\* The fruits of these genera are exempt from LBAM import requirements, unless they are imported in association with leaves or other plant material.

| GENUS NAME                                             | GENUS NAME             | GENUS NAME              |
|--------------------------------------------------------|------------------------|-------------------------|
| <i>Populus spp.</i>                                    | <i>Ribes spp.</i>      | <i>Thuja spp.</i>       |
| <i>Polygala spp.</i>                                   | <i>Rosa spp.</i>       | <i>Trema spp.</i>       |
| <i>Polygonum spp.</i>                                  | <i>Rubus spp.</i>      | <i>Trifolium spp.**</i> |
| <i>Prunus spp.</i>                                     | <i>Rumex spp.</i>      | <i>Triglochin spp.</i>  |
| <i>Pseudotsuga spp.</i>                                | <i>Salix spp.</i>      | <i>Ulex spp.</i>        |
| <i>Pteris spp.</i>                                     | <i>Salvia spp.</i>     | <i>Urtica spp.</i>      |
| <i>Pulicaria spp.</i>                                  | <i>Senecio spp.</i>    | <i>Vaccinium spp.</i>   |
| <i>Pyracantha spp.</i>                                 | <i>Sida spp.</i>       | <i>Viburnum spp.</i>    |
| <i>Pyrus spp.</i>                                      | <i>Sisymbrium spp.</i> | <i>Vicia spp.**</i>     |
| <i>Quercus spp.</i>                                    | <i>Smilax spp.</i>     | <i>Vinca spp.**</i>     |
| <i>Ranunculus spp.</i>                                 | <i>Solanum spp.***</i> | <i>Vitis spp.</i>       |
| <i>Raphanus spp. (excluding radishes without tops)</i> | <i>Sollya spp.</i>     |                         |
| <i>Reseda spp.</i>                                     | <i>Tithonia spp.</i>   |                         |

\**Brassica oleracea* includes, but is not limited to, wild cabbage, collards, Chinese kale, broccoli, cauliflower, head cabbage, brussels sprouts, and hybrids for which at least one parent plant is *Brassica oleracea*.

\*\*There are no LBAM import requirements for these species when they are constituents of forage.

\*\*\* The fruits of these genera are exempt from LBAM import requirements, unless they are imported in association with leaves or other plant material.

## Appendix 2. Quarantine Pests as Notified by Canada

| PEST TYPE | ORDER NAME                       | FAMILY NAME   | SPECIES NAME                                                          | COMMON NAME                        |
|-----------|----------------------------------|---------------|-----------------------------------------------------------------------|------------------------------------|
| Insect    | Coleoptera (beetles and weevils) | Buprestidae   | <i>Agilus planipennis</i>                                             | emerald ash borer                  |
|           |                                  | Cerambycidae  | <i>Anoplophora chinensis</i>                                          | Citrus long-horned Beetle          |
|           |                                  |               | <i>Anoplophora glabripennis</i>                                       | Asian long-horned beetle           |
|           |                                  |               | <i>Anoplophora nobilis</i>                                            | yellow spotted starry sky beetle   |
|           |                                  |               | <i>Anoplophora</i> spp.                                               | long-horned beetle                 |
|           |                                  |               | <i>Aromia bungii</i>                                                  | redneck longhorned beetle          |
|           |                                  |               | <i>Callipogon relictus</i>                                            | boring beetle                      |
|           |                                  |               | <i>Hesperophanes campestris</i> syn.<br><i>Trichoferus campestris</i> | hairy house longicorn              |
|           |                                  |               | <i>Monochamus alternatus</i>                                          | dark pine longicorn                |
|           |                                  |               | <i>Monochamus</i> spp.                                                | boring beetles                     |
|           |                                  |               | <i>Oemona hirta</i>                                                   | lemon tree borer                   |
|           |                                  |               | <i>Tetropium castaneum</i>                                            | boring beetle                      |
|           |                                  |               | <i>Tetropium fuscum</i>                                               | brown spruce longhorn beetle       |
|           |                                  |               | <i>Trichoferus campestris</i>                                         | boring beetle                      |
|           |                                  | Chrysomelidae | <i>Leptinotarsa decemlineata</i>                                      | Colorado potato beetle             |
|           |                                  |               | <i>Oulema melanopus</i>                                               | cereal leaf beetle                 |
|           |                                  | Curculionidae | <i>Anthonomus bisignifer</i>                                          | Japanese strawberry blossom weevil |
|           |                                  |               | <i>Naupactus xanthographus</i>                                        | fruit tree weevil                  |
|           |                                  |               | <i>Otiorhynchus corruptor</i>                                         |                                    |
|           |                                  |               | <i>Otiorhynchus ligustici</i>                                         | alfalfa snout 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/>), 26-28 September 2016

| PEST TYPE | ORDER NAME                               | FAMILY NAME   | SPECIES NAME                      | COMMON NAME                |
|-----------|------------------------------------------|---------------|-----------------------------------|----------------------------|
| Insect    | Coleoptera (beetles and weevils)         | Agromyzidae   | <i>Phytomyza gymnostoma</i>       | onion leaf miner           |
|           |                                          | Dermostidae   | <i>Trogoderma granarium</i>       | khapra beetle              |
|           |                                          | Elateridae    | <i>Conogethes punctiferalis</i>   | yellow peach moth          |
|           |                                          | Scarabaeidae  | <i>Popillia japonica</i>          | Japanese beetle            |
|           |                                          | Scolytidae    | <i>Dendroctonus micans</i>        | European spruce beetle     |
|           |                                          |               | <i>Hylastes ater</i>              | bark beetle                |
|           |                                          |               | <i>Hylesinus toranio</i>          | fig bark beetle            |
|           |                                          |               | <i>Ips typographus</i>            | spruce bark beetle         |
|           |                                          |               | <i>Phloeotribus scarabaeoides</i> | olive bark beetle          |
|           |                                          |               | <i>Polygraphus proximus</i>       | four-eyed fir bark beetle  |
|           |                                          |               | <i>Tomicus piniperda</i>          | European pine shoot beetle |
|           | Diptera (flies)                          | Cecidomyiidae | <i>Contarinia nasturtii</i>       | swede midge                |
|           |                                          |               | <i>Mayetiola destructor</i>       | Hessian fly                |
|           |                                          | Tephritidae   | <i>Rhagoletis cerasi</i>          | European cherry fruit fly  |
|           |                                          |               | <i>Rhagoletis mendax</i>          | blueberry maggot           |
|           |                                          |               | <i>Rhagoletis pomonella</i>       | apple maggot               |
|           | Hemiptera (aphids, scale and other bugs) | Adelgidae     | <i>Adelges piceae</i>             | balsam woolly adelgid      |
|           |                                          | Adelgidae     | <i>Adelges tsugae</i>             | hemlock woolly adelgid     |
|           |                                          |               | <i>Dreyfusia piceae</i>           | balsam woolly aphid        |
|           |                                          | Diaspididae   | <i>Diaspidiotus pyri</i>          | pear scale                 |
|           |                                          |               | <i>Quadraspidiotus pyri</i>       | pear scale                 |
|           |                                          | Fulgoridae    | <i>Lycorma delicatula</i>         | spot clothing wax cicada   |
|           |                                          | Lygaeidae     | <i>Nysius ericae</i>              | false chinch bug           |
|           |                                          |               | <i>Nysius vinitor</i>             | Rutherglen bug             |

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/>), 26-28 September 201



| PEST TYPE | ORDER NAME                               | FAMILY NAME   | SPECIES NAME                                                          | COMMON NAME                                   |
|-----------|------------------------------------------|---------------|-----------------------------------------------------------------------|-----------------------------------------------|
| Insect    | Hemiptera (aphids, scale and other bugs) | Phylloxeridae | <i>Aphanostigma iaksuiense</i>                                        | yellow scale                                  |
|           |                                          |               | <i>Aphanostigma piri</i>                                              |                                               |
|           |                                          |               | <i>Daktulosphaira vitifoliae</i>                                      | grape phylloxera                              |
|           |                                          |               | <i>Viteus vitifoliae</i>                                              | grapevine phylloxera                          |
|           |                                          | Formicidae    | <i>Pogonomyrmex occidentalis</i>                                      | harvester ants                                |
|           |                                          | Psyllidae     | <i>Cacopsylla chinensis</i>                                           |                                               |
|           |                                          |               | <i>Cacopsylla liaoli</i>                                              |                                               |
|           |                                          | Siricidae     | <i>Sirex noctilio</i>                                                 | wood boring wasp, Sirex wasp                  |
|           | Hymenoptera                              | Argidae       | <i>Arge berberidis</i>                                                | barberry sawfly                               |
|           | Lepidoptera (butterflies and moths)      | Pyralidae     | <i>Acrobasis pyrivorella</i> <b>syn. Numonia pyrivorella</b>          | pear fruit moth                               |
|           |                                          |               | <i>Euzophera bigella</i>                                              | fruit pyralid                                 |
|           |                                          |               | <i>Euzophera pyriella</i>                                             |                                               |
|           |                                          | Carposinidae  | <i>Carposina sasakii</i>                                              | peach fruit moth                              |
|           |                                          | Crambidae     | <i>Cydalima perspectalis</i>                                          | box tree moth                                 |
|           |                                          |               | <i>Dichocrocis punctiferalis</i> syn. <i>Conogethes punctiferalis</i> | yellow peach moth                             |
|           |                                          | Gelechiidae   | <i>Tuta absoluta</i>                                                  | tomato leaf miner, South American tomato moth |
|           |                                          | Geometridae   | <i>Operophtera brumata</i>                                            | winter moth                                   |
|           |                                          | Lymantriidae  | <i>Euproctis chrysorrhoea</i>                                         | browntail moth                                |
|           |                                          |               | <i>Lymantria dispar</i>                                               | gypsy moth                                    |
|           |                                          |               | <i>Lymantria dispar asiatica</i> Vnukovskij                           |                                               |

|  |  |                                                   |  |
|--|--|---------------------------------------------------|--|
|  |  | <i>Lymantria dispar japonica</i><br>(Motschulsky) |  |
|--|--|---------------------------------------------------|--|

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/>), 26-28 September 2016

| PEST TYPE | ORDER NAME                          | FAMILY NAME  | SPECIES NAME                                            | COMMON NAME                |
|-----------|-------------------------------------|--------------|---------------------------------------------------------|----------------------------|
| Insect    | Lepidoptera (butterflies and moths) | Lymantriidae | <i>Lymantria postalba</i>                               |                            |
|           |                                     |              | <i>Lymantria umbrosa</i>                                |                            |
|           |                                     |              | <i>Orgyia anartoides</i> syn. <i>Teia anartoides</i>    | painted apple moth         |
|           |                                     |              | <i>Teia anartoides</i>                                  | painted apple moth         |
|           |                                     | Lyonetiidae  | <i>Leucoptera malifoliella</i>                          | pear leaf blister moth     |
|           |                                     | Noctuidae    | <i>Phalaenoides glycinae</i>                            | grapevine moth             |
|           |                                     |              | <i>Sesamia cretica</i>                                  | durra stem borer           |
|           |                                     | Pyrilidae    | <i>Numonia pyrivorella</i>                              | pear fruitworm             |
|           |                                     |              | <i>Ostrinia nubilalis</i>                               | European corn borer        |
|           |                                     | Tortricidae  | <i>Acropolitis rudisana</i>                             | leaf-roller caterpillar    |
|           |                                     |              | <i>Adoxophyes orana</i>                                 | summer fruit tortrix moth  |
|           |                                     |              | <i>Argyrotaenia ljugiana</i>                            | Eurasian fruit roller moth |
|           |                                     |              | <i>Cacoecimorpha pronubana</i>                          | carnation tortrix          |
|           |                                     |              | <i>Cydia funebrana</i>                                  | plum fruit moth            |
|           |                                     |              | <i>Cydia</i> (syn. <i>Grapholita</i> ) <i>inopinata</i> | Manchurian codling moth    |
|           |                                     |              | <i>Cydia pomonella</i>                                  | codling moth               |
|           |                                     |              |                                                         |                            |

Source: Preferred name and classification used is checked for accuracy against the European and Mediterranean Plant Protection Organisation (EPPO) Global database (<https://gd.eppo.int/>), 26-28 September 2016

| PEST TYPE | ORDER NAME                          | FAMILY NAME   | SPECIES NAME                                            | COMMON NAME                |
|-----------|-------------------------------------|---------------|---------------------------------------------------------|----------------------------|
| Insect    | Lepidoptera (butterflies and moths) | Lymantriidae  | <i>Lymantria mathura</i>                                | rosy gypsy moth            |
|           |                                     |               | <i>Lymantria monacha</i>                                | nun moth                   |
|           |                                     |               | <i>Lymantria postalba</i>                               |                            |
|           |                                     |               | <i>Lymantria umbrosa</i>                                |                            |
|           |                                     |               | <i>Orgyia anartoides</i> syn. <i>Teia anartoides</i>    | painted apple moth         |
|           |                                     |               | <i>Teia anartoides</i>                                  | painted apple moth         |
|           |                                     | Lyonetiidae   | <i>Leucoptera malifoliella</i>                          | pear leaf blister moth     |
|           |                                     | Noctuidae     | <i>Mamestra brassicae</i>                               | cabbage moth               |
|           |                                     |               | <i>Phalaenoides glycinae</i>                            | grapevine moth             |
|           |                                     |               | <i>Sesamia cretica</i>                                  | durra stem borer           |
|           |                                     | Pterophoridae | <i>Nippoptilia vitis</i>                                | grape clear-wing moth      |
|           |                                     | Pyralidae     | <i>Numonia pyrivorella</i>                              | pear fruitworm             |
|           |                                     |               | <i>Ostrinia nubilalis</i>                               | European corn borer        |
|           |                                     | Tortricidae   | <i>Acropolitis rudisana</i>                             | leafroller caterpillar     |
|           |                                     |               | <i>Adoxophyes orana</i>                                 | summer fruit tortrix moth  |
|           |                                     |               | <i>Archips breviplicanus</i>                            | asiatic leaf roller        |
|           |                                     |               | <i>Archips semistructa</i>                              |                            |
|           |                                     |               | <i>Argyrotaenia ljungiana</i>                           | Eurasian fruit roller moth |
|           |                                     |               | <i>Cacoecimorpha pronubana</i>                          | carnation tortrix          |
|           |                                     |               | <i>Cydia funebrana</i>                                  | plum fruit moth            |
|           |                                     |               | <i>Cydia</i> (syn. <i>Grapholita</i> ) <i>inopinata</i> | Manchurian codling moth    |
|           |                                     |               | <i>Cydia pomonella</i>                                  | codling moth               |

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| PEST TYPE              | ORDER NAME                          | FAMILY NAME   | SPECIES NAME                                                              | COMMON NAME                            |
|------------------------|-------------------------------------|---------------|---------------------------------------------------------------------------|----------------------------------------|
| Insect                 | Lepidoptera (butterflies and moths) | Tortricidae   | <i>Epiphyas postvittana</i>                                               | light brown apple moth                 |
|                        |                                     |               | <i>Eupoecilia ambiguella</i>                                              | vine moth                              |
|                        |                                     |               | <i>Grapholita dimorpha</i>                                                |                                        |
|                        |                                     |               | <i>Grapholita inopinata</i>                                               | Manchurian codling moth                |
|                        |                                     |               | <i>Grapholita lobarzewskii</i>                                            |                                        |
|                        |                                     |               | <i>Grapholita molesta</i>                                                 | Oriental fruit moth                    |
|                        |                                     |               | <i>Lobesia botrana</i>                                                    | vine moth                              |
|                        |                                     |               | <i>Proeulia</i> spp.                                                      | Chilean fruit leaf folders             |
|                        |                                     |               | <i>Spilonota albicana</i>                                                 | white fruit moth, eye-spotted bud moth |
|                        |                                     |               | <i>Syndemis musculana</i>                                                 | afternoon twist moth                   |
|                        |                                     |               | <i>Thaumetobia leucotreta</i>                                             |                                        |
| Arachnid               | Acarida                             | Tetranychidae | Yponomeutidae                                                             |                                        |
|                        |                                     |               | <i>Yponomeuta malinella</i>                                               | apple ermine moth                      |
|                        |                                     |               | <i>Amphitettranychus viennensis</i> syn.<br><i>Tetranychus viennensis</i> | Hawthorn spider mite                   |
|                        |                                     |               | <i>Tetranychus truncatus</i>                                              | spider mite                            |
| Nematode (round worms) | Dorylaimida                         | Longidoridae  | <i>Tetranychus viennensis</i>                                             | hawthorn spider mite                   |
|                        |                                     |               | <i>Longidorus</i> spp.                                                    | needle nematode                        |
|                        |                                     |               | <i>Xiphinema</i> spp.                                                     | dagger nematode                        |

|  |  |               |                         |                      |
|--|--|---------------|-------------------------|----------------------|
|  |  | Trichodoridae | <i>Trichodorus</i> spp. | stubby root nematode |
|  |  |               |                         |                      |

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| PEST TYPE                      | ORDER NAME  | FAMILY NAME   | SPECIES NAME                                    | COMMON NAME                                 |
|--------------------------------|-------------|---------------|-------------------------------------------------|---------------------------------------------|
| <b>Nematode (round worms)</b>  | Tylenchida  | Anguinidae    | <i>Ditylenchus destructor</i>                   | potato rot nematode                         |
|                                |             |               | <i>Ditylenchus dipsaci</i>                      | stem and bulb nematode, onion bulb nematode |
|                                |             |               | <i>Ditylenchus dipsaci</i> (potato race)        | stem and bulb nematode                      |
|                                |             | Heteroderidae | <i>Globodera pallida</i>                        | pale cyst nematode                          |
|                                |             |               | <i>Globodera rostochiensis</i>                  | golden nematode                             |
|                                |             |               | <i>Heterodera glycines</i>                      | soybean cyst nematode                       |
|                                |             | Meloidogyne   | <i>Meloidogyne chitwoodi</i>                    | Columbia root knot nematode                 |
| <b>Miscellaneous (mollusc)</b> | Sigmurethra | Achatinidae   | <i>Achatina achatina</i>                        | giant west African snail                    |
|                                |             |               | <i>Achatina fulica</i>                          | giant African snail                         |
|                                |             |               | <i>Archachatina degneri</i>                     | giant African land snail                    |
|                                |             |               | <i>Archachatina purpurea</i>                    | giant African land snail                    |
|                                |             |               | <i>Archachatina ventricosa</i>                  | giant African land snail                    |
|                                |             | Helicidae     | <i>Cepaea nemoralis</i>                         | banded wood snail                           |
|                                |             |               | <i>Cornu aspersum</i>                           | European brown garden snail                 |
|                                |             |               | <i>Helix aspersa</i> syn. <i>Cornu aspersum</i> | brown garden snail                          |
|                                |             |               | <i>Helix</i> spp.                               | terrestrial snails                          |

|  |  |                          |                    |
|--|--|--------------------------|--------------------|
|  |  | <i>Otala lactea</i>      | milk snail         |
|  |  | <i>Otala vermiculata</i> |                    |
|  |  | <i>Theba pisana</i>      | white garden snail |

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| PEST TYPE      | ORDER NAME        | FAMILY NAME        | SPECIES NAME                                                  | COMMON NAME                                   |
|----------------|-------------------|--------------------|---------------------------------------------------------------|-----------------------------------------------|
| Fungal disease | Botryosphaariales | Botryosphaeriaceae | <i>Guignardia baccae</i>                                      | black rot of grape                            |
|                | Caryophyllales    | Amaranthaceae      | <i>Halogeton glomeratus</i>                                   | Halogeton                                     |
|                | Diaporthales      | Diaporthaceae      | <i>Diaporthe tanakae</i>                                      | European pear dieback                         |
|                |                   | Melanconidaceae    | <i>Charrinia diplodiella</i> syn. <i>Coniella diplodiella</i> | white rot                                     |
|                |                   |                    | <i>Coniella diplodiella</i>                                   | white rot of grape                            |
|                |                   |                    | <i>Phomopsis viticola</i>                                     | deadarm disease, Phomopsis cane and leaf spot |
|                |                   | Valsaceae          | <i>Anisogramma anomala</i>                                    | eastern filbert blight                        |
|                | Helotiales        | Dermateaceae       | <i>Pseudopeziza tracheiphila</i>                              | grapevine red fire disease                    |
|                |                   |                    | <i>Rhacodiella vitis</i>                                      | grapevine spotted necrosis                    |
|                |                   | Helotiaceae        | <i>Gremmeniella abietina</i>                                  | scleroderris canker                           |
|                |                   |                    | <i>Gremmeniella abietina</i> var <i>abietina</i>              | scleroderris canker (European race)           |
|                |                   |                    | <i>Hymenoscyphus fraxineus</i>                                | ash dieback                                   |
|                |                   | Hyaloscyphaceae    | <i>Lachnellula willkommii</i>                                 | European larch canker                         |
|                |                   | Sclerotiniaceae    | <i>Monilia polystroma</i>                                     |                                               |
|                |                   |                    | <i>Monilia yunnanensis</i>                                    |                                               |
|                |                   |                    | <i>Monilinia fructigena</i>                                   | brown rot                                     |

|  |  |                       |                      |
|--|--|-----------------------|----------------------|
|  |  | <i>Monilinia mali</i> | apple blossom blight |
|--|--|-----------------------|----------------------|

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| PEST TYPE      | ORDER NAME      | FAMILY NAME       | SPECIES NAME                                        | COMMON NAME                 |
|----------------|-----------------|-------------------|-----------------------------------------------------|-----------------------------|
| Fungal disease | Helotiales      | Sclerotiniaceae   | <i>Sclerotinia fructigena</i>                       | brown rot                   |
|                |                 |                   | <i>Sclerotinia pseudotuberosa</i>                   | acorn rot, chestnut rot     |
|                |                 |                   | <i>Sclerotium cepivorum</i>                         | white rot                   |
|                | Hypocreales     | Nectriaceae       | <i>Fusarium oxysporum</i> f.sp. <i>cannabis</i>     | Fusarium wilt               |
|                | Microascales    | Ceratocystidaceae | <i>Ceratocystis fagacearum</i>                      | oak wilt                    |
|                | Myriangiales    | Elsinoaceae       | <i>Elsinoe ampelina</i>                             | grapevine anthracnose       |
|                | Ophiostomatales | Ophiostomataceae  | <i>Ceratocystis ulmi</i>                            | Dutch elm disease           |
|                |                 |                   | <i>Ophiostoma ulmi</i>                              | Dutch elm disease           |
|                |                 |                   | <i>Ophiostoma novo-ulmi</i>                         | Dutch elm disease           |
|                | Peronosporales  | Peronosporaceae   | <i>Peronospora hyoscyami</i> f. sp. <i>tabacina</i> | tobacco blue mold           |
|                |                 |                   | <i>Phytophthora ramorum</i>                         | sudden oak death            |
|                |                 |                   | <i>Phytophthora</i> spp.                            | Phytophthora                |
|                |                 |                   | <i>Pseudoperonospora cannabina</i>                  | downy mildew of hemp        |
|                | Pleosporales    | Didymellaceae     | <i>Phoma exigua</i> var. <i>foveata</i>             | potato gangrene             |
|                |                 | Pleosporaceae     | <i>Alternaria gaisen</i>                            | black spot of Japanese pear |
|                |                 |                   | <i>Alternaria kikuchiana</i>                        | blackspot                   |
|                |                 | Venturiaceae      | <i>Venturia nashicola</i>                           | Asian pear scab             |

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| PEST TYPE      | ORDER NAME     | FAMILY NAME     | SPECIES NAME                                           | COMMON NAME                                                |
|----------------|----------------|-----------------|--------------------------------------------------------|------------------------------------------------------------|
| Fungal disease | Phyllachorales | Glomerellaceae  | <i>Colletotrichum panacicola</i>                       | ginseng anthracnose                                        |
|                | Pucciniales    | Pucciniaceae    | <i>Gymnosporangium fuscum</i>                          | pear trellis rust (non quarantine pest as of 24 July 2014) |
|                |                |                 | <i>Gymnosporangium yamadae</i>                         | Japanese apple rust                                        |
|                |                |                 | <i>Puccinia coronata</i>                               | crown rust of oats                                         |
|                |                |                 | <i>Puccinia graminis</i>                               | black stem rust of wheat                                   |
|                |                |                 | <i>Puccinia horiana</i>                                | chrysanthemum white rust                                   |
|                | Synchytrium    | Synchytriaceae  | <i>Synchytrium endobioticum</i>                        | potato wart disease                                        |
|                | Tilletiales    | Tilletiaceae    | <i>Neovossia indica</i> <i>syn. Tilletia indica</i>    | karnal bunt                                                |
|                |                |                 | <i>Tilletia controversa</i> <i>syn. T. contraversa</i> | dwarf bunt of wheat                                        |
|                |                |                 | <i>Tilletia indica</i>                                 | karnal bunt                                                |
|                | Urocystidales  | Urocystidaceae  | <i>Urocystis agropyri</i>                              | flag smut of wheat                                         |
|                | Ustilaginales  | Glomosporiaceae | <i>Thecaphora solani</i>                               | potato smut                                                |
|                | Xylariales     | Xylariaceae     | <i>Rosellinia necatrix</i>                             | root rot                                                   |

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| PEST TYPE         | ORDER NAME        | FAMILY NAME        | SPECIES NAME                                                                      | COMMON NAME                                          |
|-------------------|-------------------|--------------------|-----------------------------------------------------------------------------------|------------------------------------------------------|
| Bacterial disease | Acholeplasmatales | Acholeplasmataceae | <i>Candidatus Phytoplasma rubi</i>                                                | rubus stunt                                          |
|                   |                   |                    | <i>Phytoplasma</i>                                                                | Albino cherry agent syn.<br><i>Phytoplasma pruni</i> |
|                   |                   |                    | <i>Phytoplasma</i>                                                                | Apple proliferation phytoplasma                      |
|                   |                   |                    | <i>Phytoplasma</i>                                                                | Bois-noir syn. <i>Phytoplasma solani</i>             |
|                   |                   |                    | <i>Phytoplasma</i>                                                                | European stonefruit yellows<br>phytoplasma           |
|                   |                   |                    | <i>Phytoplasma</i>                                                                | <i>Flavescence dorée MLO</i>                         |
|                   |                   |                    | <i>Phytoplasma</i>                                                                | Peach X-disease phytoplasma                          |
|                   |                   |                    | <i>Phytoplasma</i>                                                                | peach yellows phytoplasma                            |
|                   |                   |                    | <i>Phytoplasma</i>                                                                | Pear decline and moria<br>phytoplasma                |
|                   |                   |                    | <i>Phytoplasma</i>                                                                | Vergilbungskrankheit                                 |
|                   | Actinomycetales   | Microbacteriaceae  | <i>Clavibacter michiganensis</i> subsp.<br><i>sepedonicus</i>                     | bacterial ring rot                                   |
|                   | Burkholderiales   | Burkholderiaceae   | <i>Pseudomonas solanacearum</i> , race<br>3                                       | brown rot                                            |
|                   |                   |                    | <i>Ralstonia solanacearum</i> Race 3                                              | potato brown rot                                     |
|                   |                   | Unassigned         | <i>Xanthomonas ampelina</i>                                                       | grapevine bacterial blight                           |
|                   |                   |                    | <i>Xylophilus</i> (= <i>Xanthomonas</i> )<br><i>ampelinus</i> ( <i>ampelina</i> ) | grapevine bacterial blight                           |

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| PEST TYPE         | ORDER NAME        | FAMILY NAME        | GENUS AND SPECIES NAME                                                         | SPECIES NAME                                      |
|-------------------|-------------------|--------------------|--------------------------------------------------------------------------------|---------------------------------------------------|
| Bacterial disease | Enterobacteriales | Enterobacteriaceae | <i>Brenneria salicis</i>                                                       | watermark disease of willow                       |
|                   | Pseudomonadales   | Pseudomonadaceae   | <i>Pseudomonas syringae</i> pv. <i>cannabina</i>                               | bacteriosis of hemp                               |
|                   | Unassigned        | Unassigned         | Phytoplasma                                                                    | Apple chat fruit phytoplasma                      |
|                   |                   |                    |                                                                                | Grapevine yellows disease                         |
|                   |                   |                    |                                                                                | Peach chlorotic leafroll phytoplasma              |
|                   | Xanthomonadales   | Xanthomonadaceae   | phony peach                                                                    | <i>Xylella fastidiosa</i>                         |
|                   |                   |                    | Pierce's disease fastidiosa = Phony peach                                      | Pierce's disease bacterium (=Peach phony disease) |
|                   |                   |                    | <i>Xanthomonas campestris</i> pv. <i>cannabis</i>                              | leaf spot of hemp                                 |
|                   |                   |                    | <i>Xanthomonas populi</i>                                                      | bacterial canker of poplar                        |
|                   |                   |                    | <i>Xylella fastidiosa</i> (= Pierce's disease bacterium, Prunus phony disease) | phony disease of peach                            |
| Viral disease     | Bunyavirales      | Tospoviridae       | <i>Tospovirus</i>                                                              | Chrysanthemum stem necrosis virus                 |
|                   | Picornavirales    | Secoviridae        | <i>Comovirus</i>                                                               | Andean potato mottle virus                        |
|                   |                   |                    | <i>Cheravirus</i>                                                              | Arracacha virus B                                 |
|                   |                   |                    |                                                                                | cherry rasp leaf virus                            |
|                   |                   |                    | <i>Nepovirus</i>                                                               | Artichoke Italian latent virus                    |

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| PEST TYPE     | ORDER NAME     | FAMILY NAME | GENUS NAME       | SPECIES NAME                                                                 |
|---------------|----------------|-------------|------------------|------------------------------------------------------------------------------|
| Viral disease | Picornavirales | Secoviridae | <i>Nepovirus</i> | Black currant reversion virus (syn. blackcurrant reversion associated virus) |
|               |                |             |                  | Cherry leaf roll virus                                                       |
|               |                |             |                  | Grapevine Bulgarian latent virus                                             |
|               |                |             |                  | Grapevine (Hungarian) chrome mosaic virus GCMV                               |
|               |                |             |                  | Hungarian chrome mosaic virus                                                |
|               |                |             |                  | Peach rosette mosaic virus                                                   |
|               |                |             |                  | Potato virus U                                                               |
|               |                |             |                  | Raspberry ringspot virus                                                     |
|               |                |             |                  | Tobacco ringspot virus (potato calico strain)                                |
|               |                |             |                  | Tobacco ringspot virus                                                       |
|               |                |             |                  | Tomato black ring virus                                                      |
|               |                |             |                  | Tomato black ring virus beet ringspot strain                                 |
|               |                |             |                  | Tomato ringspot virus                                                        |

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| PEST TYPE     | ORDER NAME     | FAMILY NAME      | GENUS NAME          | SPECIES NAME                                               |
|---------------|----------------|------------------|---------------------|------------------------------------------------------------|
| Viral disease | Picornavirales | Secoviridae      | <i>Unassigned</i>   | Strawberry latent ringspot virus                           |
|               | Tymovirales    | Betaflexiviridae | <i>Capillovirus</i> | Apple stem grooving virus                                  |
|               |                |                  | <i>Foveavirus</i>   | Apple stem pitting virus                                   |
|               |                |                  |                     | Cherry green ring mottle virus                             |
|               |                |                  |                     | Pear stony pit                                             |
|               |                |                  | <i>Tepovirus</i>    | Potato virus T                                             |
|               |                |                  | <i>Trichovirus</i>  | Apple chlorotic leaf spot virus                            |
|               |                |                  |                     | Cherry mottle leaf virus                                   |
|               |                |                  |                     | Peach mosaic virus                                         |
|               |                |                  | <i>Unassigned</i>   | Cherry necrotic rusty mottle virus                         |
|               |                |                  |                     | Cherry twisted leaf agent                                  |
|               |                | Tymoviridae      | <i>Maculavirus</i>  | Grapevine chasselas latent agent (= grapevine fleck virus) |
|               |                |                  | <i>Tymovirus</i>    | Andean potato latent virus                                 |
|               | Unassigned     | Bromoviridae     | <i>Cucumovirus</i>  | American plum line pattern virus                           |
|               |                |                  | <i>Ilarvirus</i>    | Potato yellowing virus                                     |
|               |                |                  |                     | Prune dwarf virus                                          |
|               |                |                  |                     | Prunus necrotic ringspot virus                             |

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| PEST TYPE     | ORDER NAME | FAMILY NAME     | GENUS NAME           | SPECIES NAME                  |
|---------------|------------|-----------------|----------------------|-------------------------------|
| Viral disease | Unassigned | Closteroviridae | <i>Closterovirus</i> | Grapevine corky bark          |
|               |            |                 | <i>Crinivirus</i>    | Potato yellow vein virus      |
|               |            |                 | <i>Velarivirus</i>   | Little cherry virus, 1, 2 & 3 |
|               |            | Geminiviridae   | <i>Curtovirus</i>    | Beet curly top virus          |
|               |            | Pospiviroidae   | <i>Apscaviroid</i>   | Apple scar skin viroid        |
|               |            |                 | <i>Apscaviroid</i>   | Pear blister canker           |
|               |            |                 | <i>Pospiviroid</i>   | Potato spindle tuber viroid   |
|               |            | Potyviridae     | <i>Potyvirus</i>     | Plum pox virus or sharka      |
|               |            |                 |                      | Potato virus V                |
|               |            |                 |                      | Potato virus Y C strain       |
|               |            |                 |                      | Potato virus Y NTN strain     |
|               |            |                 |                      | Potato virus Y N strain       |
|               |            | Tombusviridae   | <i>Tombusvirus</i>   | Tomato bushy stunt virus      |
|               |            | Unassigned      | <i>Unassigned</i>    | Apple flat limb agent         |
|               |            |                 |                      | Apple green crinkle agent     |
|               |            |                 |                      | Apple ringspot agent          |
|               |            |                 |                      | Apple rosette agent           |
|               |            |                 |                      | Apple rough bark agent        |

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| PEST TYPE     | ORDER NAME | FAMILY NAME | GENUS NAME | SPECIES NAME                                                 |
|---------------|------------|-------------|------------|--------------------------------------------------------------|
| Viral disease | Unassigned | Unassigned  | Unassigned | Apple rubbery wood phytoplasma                               |
|               |            |             |            | Apple star crack agent                                       |
|               |            |             |            | Apricot ringpox virus syn. apricot ringspot agent            |
|               |            |             |            | Bing spur virus (cherry compact virus) (= spur cherry virus) |
|               |            |             |            | Cherry compact agent (= spur cherry virus, Bing spur virus)  |
|               |            |             |            | Cherry pink fruit agent                                      |
|               |            |             |            | Cherry rough fruit agent                                     |
|               |            |             |            | Cherry rusty mottle (European)                               |
|               |            |             |            | Cherry short stem agent                                      |
|               |            |             |            | Grapevine asteroid mosaic virus                              |
|               |            |             |            | Grapevine enation agent                                      |
|               |            |             |            | Grapevine vein mosaic or necrosis virus                      |
|               |            |             |            | Kober stem grooving                                          |
|               |            |             |            | LN33 stem grooving agent                                     |

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| PEST TYPE     | ORDER NAME | FAMILY NAME  | GENUS NAME | SPECIES NAME                                              |
|---------------|------------|--------------|------------|-----------------------------------------------------------|
| Viral disease | Unassigned | Unassigned   | Unassigned | Peach dark green sunken mottle virus                      |
|               |            |              |            | Peach wart                                                |
|               |            |              |            | Pear bud drop                                             |
|               |            |              |            | Pear rough bark                                           |
|               |            |              |            | Plum rusty blotch                                         |
|               |            |              |            | Potato deforming mosaic virus                             |
|               |            |              |            | Spur cherry agent (Bing spur virus, cherry compact virus) |
|               | Unassigned | Virgaviridae | Pomovirus  | Potato mop top virus                                      |
|               |            |              | Tobravirus | Tobacco rattle virus                                      |

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| PEST TYPE | ORDER NAME | FAMILY NAME | SPECIES NAME                    | COMMON NAME             |
|-----------|------------|-------------|---------------------------------|-------------------------|
| Weed      | Apiales    | Apiaceae    | <i>Anthriscus sylvestris</i>    | cow parsley             |
|           |            |             | <i>Conium maculatum</i>         | poison hemlock          |
|           |            |             | <i>Heracleum mantegazzianum</i> | giant hogweed           |
|           |            |             | <i>Heracleum sosnowskyi</i>     | hogweed                 |
|           | Asterales  | Asteraceae  | <i>Carduus acanthoides</i>      | spiny plumeless thistle |
|           |            |             | <i>Carduus nutans</i>           | nodding thistle         |
|           |            |             | <i>Centaurea diffusa</i>        | diffuse knapweed        |
|           |            |             | <i>Centaurea iberica</i>        | Iberian starthistle     |
|           |            |             | <i>Centaurea solstitialis</i>   | yellow starthistle      |
|           |            |             | <i>Centaurea stoebe</i>         | spotted knapweed        |
|           |            |             | <i>Centaurea virgata</i>        | squarrose knapweed      |
|           |            |             | <i>Chondrilla juncea</i>        | rush skeletonweed       |
|           |            |             | <i>Cirsium arvense</i>          | Canada thistle          |
|           |            |             | <i>Crupina vulgaris</i>         | bearded creeper         |
|           |            |             | <i>Inula britannica</i>         | British yellowhead      |
|           |            |             | <i>Jacobaea vulgaris</i>        | tansy ragwort           |
|           |            |             | <i>Rhaponticum repens</i>       | Russian knapweed        |
|           |            |             | <i>Senecio inaequidens</i>      | South African ragwort   |

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/>), 26-28 September 2016

| PEST TYPE | ORDER NAME     | FAMILY NAME    | SPECIES NAME                    | COMMON NAME             |
|-----------|----------------|----------------|---------------------------------|-------------------------|
| Weed      | Asterales      | Asteraceae     | <i>Senecio madagascariensis</i> | Madagascar ragwort      |
|           |                |                | <i>Sonchus arvensis</i>         | perennial sow thistle   |
|           | Boraginales    | Boraginaceae   | <i>Echium plantagineum</i>      | plantain-leaved bugloss |
|           | Brassicales    | Brassicaceae   | <i>Berteroa incana</i>          | hoary alyssum           |
|           |                |                | <i>Lepidium appelianum</i>      | globe-pod hoary cress   |
|           |                |                | <i>Lepidium chalepense</i>      | lens-pod hoary cress    |
|           |                |                | <i>Lepidium draba</i>           | heart-pod hoary cress   |
|           |                |                | <i>Raphanus raphanistrum</i>    | Wild radish             |
|           | Caryophyllales | Amaranthaceae  | <i>Amaranthus tuberculatus</i>  | tall water-hemp         |
|           |                | Polygonaceae   | <i>Persicaria perfoliata</i>    | devil's-tail tearthumb  |
|           | Fabales        | Fabaceae       | <i>Galega officinalis</i>       | goat's-rue              |
|           |                |                | <i>Pueraria montana</i>         | kudzu                   |
|           | Lamiales       | Plantaginaceae | <i>Linaria dalmatica</i>        | dalmatian toadflax      |
|           |                |                | <i>Linaria genistifolia</i>     | broomleaf toadflax      |
|           |                |                | <i>Linaria repens</i>           | striped toadflax        |
|           |                |                | <i>Linaria vulgaris</i>         | yellow toadflax         |
|           |                | Orobanchaceae  | <i>Odontites serotina</i>       | red bartsia             |
|           |                |                | <i>Orobanche spp.</i>           | broomrape               |
|           |                |                | <i>Striga spp.</i>              | witchweed               |

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/>), 26-28 September 2016

| PEST TYPE | ORDER NAME   | FAMILY NAME   | SPECIES NAME                      | COMMON NAME             |
|-----------|--------------|---------------|-----------------------------------|-------------------------|
| Weed      | Malpighiales | Euphorbiaceae | <i>Euphorbia esula</i>            | leafy spurge            |
|           | Malvales     | Malvaceae     | <i>Abutilon theophrasti</i>       | velvetleaf              |
|           | Poales       | Poaceae       | <i>Aegilops cylindrica</i>        | jointed goatgrass       |
|           | Poales       | Poaceae       | <i>Alopecurus myosuroides</i>     | slender foxtail         |
|           |              |               | <i>Bothriochloa ischaemum</i>     | yellow bluestem         |
|           |              |               | <i>Bothriochloa laguroides</i>    | silver beardgrass       |
|           |              |               | <i>Cenchrus longispinus</i>       | long-spined sandbur     |
|           |              |               | <i>Elymus repens</i>              | quackgrass (Couchgrass) |
|           |              |               | <i>Eriochloa villosa</i>          | woolly cup grass        |
|           |              |               | <i>Microstegium vimineum</i>      |                         |
|           |              |               | <i>Milium vernale</i>             | spring milletgrass      |
|           |              |               | <i>Nassella trichotoma</i>        | serrated tussock        |
|           |              |               | <i>Paspalum dilatatum</i>         | dallis grass            |
|           |              |               | <i>Setaria faberi</i>             | giant foxtail           |
|           |              |               | <i>Sorghum halepense</i>          | Johnson grass           |
|           |              |               | <i>Taeniatherum caput-medusae</i> | medusahead rye          |
|           | Ranunculales | Berberidaceae | <i>Berberis spp.</i>              | barberry                |
|           |              |               | <i>Mahoberberis spp.</i>          | barberry                |
|           |              |               | <i>Mahonia spp.</i>               | barberry                |

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/>), 26-28 September 2016

| PEST TYPE | ORDER NAME    | FAMILY NAME    | SPECIES NAME                  | COMMON NAME           |
|-----------|---------------|----------------|-------------------------------|-----------------------|
| Weed      | Rosales       | Rhamnaceae     | <i>Rhamnus spp.</i>           | buckthorn             |
|           | Sapindales    | Nitrariaceae   | <i>Peganum harmala</i>        | African-rue           |
|           | Solanales     | Convolvulaceae | <i>Convolvulus arvensis</i>   | field bindweed        |
|           |               | Convolvulaceae | <i>Cuscuta spp.</i>           | dodder                |
|           |               | Solanaceae     | <i>Datura stramonium</i>      | jimsonweed            |
|           |               |                | <i>Nicandra physalodes</i>    | apple of Peru         |
|           |               |                | <i>Solanum elaeagnifolium</i> | silverleaf nightshade |
|           | Zygophyllales | Zygophyllaceae | <i>Tribulus terrestris</i>    | puncture vine         |
|           |               |                | <i>Zygophyllum fabago</i>     | Syrian bean caper     |

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/>), 26-28 September 2016

### Appendix 3: Canadian NAPPRA (List of Not Authorised Pending Pest Risk Analysis) Plant Material

| Latin Name                                          | Regulated plant part                                            |
|-----------------------------------------------------|-----------------------------------------------------------------|
| <i>Acacia</i> spp.                                  | Propagative plant parts excluding seeds                         |
| <i>Acrocomia</i> spp.                               | Propagative plant parts excluding seeds                         |
| <i>Actinidia</i> spp.                               | Propagative plant parts excluding seeds                         |
| <i>Aesculus</i> spp.                                | Propagative plant parts including seed                          |
| <i>Albizia</i> spp.                                 | Propagative plant parts excluding seed                          |
| <i>Alnus</i> spp.                                   | Propagative plant parts excluding seeds                         |
| <i>Amaranthus</i> spp.                              | Propagative plant parts excluding seeds                         |
| <i>Aralia</i> spp.                                  | Propagative plant parts excluding seeds                         |
| <i>Astrocaryum</i> spp.                             | Propagative plant parts excluding seeds                         |
| <i>Atriplex</i> spp.                                | Propagative plant parts excluding seeds                         |
| <i>Attalea</i> spp.                                 | Propagative plant parts excluding seeds                         |
| <i>Bactris</i> spp.                                 | Propagative plant parts excluding seeds                         |
| <i>Betula</i> spp.                                  | Propagative plant parts excluding seeds                         |
| <i>Brahea</i> spp.                                  | Propagative plant parts excluding seeds                         |
| <i>Broussonetia</i> spp.                            | Propagative plant parts excluding seeds                         |
| <i>Butia</i> spp.                                   | Propagative plant parts excluding seeds                         |
| <i>Cajanus</i> spp.                                 | Propagative plant parts excluding seeds                         |
| <i>Calamus</i> spp.                                 | Propagative plant parts excluding seeds                         |
| <i>Camellia</i> spp.                                | Propagative plant parts excluding seeds                         |
| <i>Carpinus</i> spp.                                | Propagative plant parts excluding seeds                         |
| <i>Carya</i> spp.                                   | Propagative plant parts excluding seeds                         |
| <i>Castanopsis</i> spp.                             | Propagative plant parts excluding seeds                         |
| <i>Casuarina</i> spp. (= <i>Allocasuarina</i> spp.) | Propagative plant parts excluding seeds                         |
| <i>Catalpa</i> spp.                                 | Propagative plant parts excluding seeds                         |
| <i>Celastrus</i> spp.                               | Propagative plant parts excluding seeds                         |
| <i>Celtis sinensis</i> spp.                         | Propagative plant parts excluding seeds                         |
| <i>Cestrum laevigatum</i>                           | Propagative plant parts excluding seeds                         |
| <i>Chaenomeles</i> spp.                             | Propagative plant parts and decorative branches excluding seeds |
| <i>Chenopodium</i> spp.                             | Propagative plant parts excluding seeds                         |
| <i>Corylus</i> spp.                                 | Propagative plant parts excluding seeds                         |
| <i>Crataegus</i> spp.                               | Propagative plant parts excluding seeds                         |
| <i>Cryptomeria</i> spp.                             | Propagative plant parts excluding seeds                         |
| <i>Cydonia</i> spp. (= <i>Pseudocydonia</i> spp.)   | Propagative plant parts and decorative branches excluding seeds |
| <i>Datura</i> spp.                                  | Propagative plant parts including seeds                         |
| <i>Desmoncus</i> spp.                               | Propagative plant parts excluding seeds                         |
| <i>Elaeagnus</i> spp.                               | Propagative plant parts excluding seeds                         |
| <i>Eriobotrya</i> spp.                              | Propagative plant parts excluding seeds                         |
| <i>Euterpe</i> spp.                                 | Propagative plant parts excluding seeds                         |
| <i>Fagus</i> spp.                                   | Propagative plant parts excluding seeds                         |
| <i>Ficus</i> spp.                                   | Propagative plant parts excluding seeds                         |

|                                                               |                                                                 |
|---------------------------------------------------------------|-----------------------------------------------------------------|
| <i>Fragaria spp.</i>                                          | Propagative plant parts excluding seeds                         |
| <i>Fraxinus spp.</i>                                          | Propagative plant parts excluding seeds                         |
| <i>Grevillea spp.</i>                                         | Propagative plant parts excluding seeds                         |
| <i>Halogeton spp.</i>                                         | Propagative plant parts excluding seeds                         |
| <i>Hedera spp.</i>                                            | Propagative plant parts excluding seeds                         |
| <i>Hibiscus spp.</i>                                          | Propagative plant parts excluding seeds                         |
| <i>Ilex spp.</i>                                              | Propagative plant parts excluding seeds                         |
| <i>Juglans spp.</i>                                           | Propagative plant parts excluding seeds                         |
| <i>Lagerstroemia spp.</i>                                     | Propagative plant parts excluding seeds                         |
| <i>Larix spp.</i>                                             | Propagative plant parts excluding seeds                         |
| <i>Lepidium spp. (syn Senebiera spp.,<br/>Coronopus spp.)</i> | Propagative plant parts excluding seeds                         |
| <i>Lindera spp.</i>                                           | Propagative plant parts excluding seeds                         |
| <i>Liquidambar spp.</i>                                       | Propagative plant parts excluding seeds                         |
| <i>Litchi spp.</i>                                            | Propagative plant parts excluding seeds                         |
| <i>Maackia spp.</i>                                           | Propagative plant parts excluding seeds                         |
| <i>Mallotus spp.</i>                                          | Propagative plant parts excluding seeds                         |
| <i>Malus spp.</i>                                             | Propagative plant parts and decorative branches excluding seeds |
| <i>Malva spp.</i>                                             | Propagative plant parts excluding seeds                         |
| <i>Mangifera spp.</i>                                         | Propagative plant parts excluding seeds                         |
| <i>Manicaria spp.</i>                                         | Propagative plant parts excluding seeds                         |
| <i>Mauritia spp.</i>                                          | Propagative plant parts excluding seeds                         |
| <i>Melia spp.</i>                                             | Propagative plant parts excluding seeds                         |
| <i>Metroxylon spp.</i>                                        | Propagative plant parts excluding seeds                         |
| <i>Morus spp.</i>                                             | Propagative plant parts excluding seeds                         |
| <i>Oenocarpus spp.</i>                                        | Propagative plant parts excluding seeds                         |
| <i>Olea spp.</i>                                              | Propagative plant parts excluding seeds                         |
| <i>Oncosperma spp.</i>                                        | Propagative plant parts excluding seeds                         |
| <i>Ostrya spp.</i>                                            | Propagative plant parts excluding seeds                         |
| <i>Parrotia spp.</i>                                          | Propagative plant parts excluding seeds                         |
| <i>Persea spp. (=Machilus spp.)</i>                           | Propagative plant parts excluding seeds                         |
| <i>Photinia spp. (=Stranvaesia spp.)</i>                      | Propagative plant parts excluding seeds                         |
| <i>Picea spp.</i>                                             | Propagative plant parts excluding seeds                         |
| <i>Pinus spp.</i>                                             | Propagative plant parts excluding seeds                         |
| <i>Platanus spp.</i>                                          | Propagative plant parts excluding seeds                         |
| <i>Polygonum spp. (=Reynoutria spp.)</i>                      | Propagative plant parts excluding seeds                         |
| <i>Populus spp.</i>                                           | Propagative plant parts excluding seeds                         |
| <i>Prunus spp.</i>                                            | Propagative plant parts and decorative branches excluding seeds |
| <i>Pseudolarix spp.</i>                                       | Propagative plant parts excluding seeds                         |
| <i>Psidium spp.</i>                                           | Propagative plant parts excluding seeds                         |
| <i>Punica spp.</i>                                            | Propagative plant parts excluding seeds                         |
| <i>Pyracantha spp.</i>                                        | Propagative plant parts excluding seeds                         |
| <i>Pyrus spp.</i>                                             | Propagative plant parts and decorative branches excluding seeds |
| <i>Quercus spp.</i>                                           | Propagative plant parts excluding seeds                         |
| <i>Rhododendron spp.</i>                                      | Propagative plant parts excluding seeds                         |
| <i>Rhus spp. (=Toxicodendron spp.)</i>                        | Propagative plant parts excluding seeds                         |

|                                                |                                              |
|------------------------------------------------|----------------------------------------------|
| <i>Ribes</i> spp.                              | Propagative plant parts excluding seeds      |
| <i>Robinia</i> spp.                            | Propagative plant parts excluding seeds      |
| <i>Rosa</i> spp.                               | Propagative plant parts excluding seeds      |
| <i>Roystonea</i> spp.                          | Propagative plant parts excluding seeds      |
| <i>Rubus</i> spp.                              | Propagative plant parts excluding seeds      |
| <i>Sabal</i> spp.                              | Propagative plant parts excluding seeds      |
| <i>Sageretia</i> spp.                          | Propagative plant parts excluding seeds      |
| <i>Sapium</i> spp.(= <i>Triadica</i> spp.)     | Propagative plant parts excluding seeds      |
| <i>Solanum</i> spp.                            | Propagative plant parts excluding true seeds |
| <i>Sophora</i> spp.                            | Propagative plant parts excluding seeds      |
| <i>Sorbus</i> spp.                             | Propagative plant parts excluding seeds      |
| <i>Spergularia</i> spp.                        | Propagative plant parts excluding seeds      |
| <i>Styrax</i> spp.                             | Propagative plant parts excluding seeds      |
| <i>Syagrus</i> spp.                            | Propagative plant parts excluding seeds      |
| <i>Toona</i> spp.                              | Propagative plant parts excluding seeds      |
| <i>Ulmus</i> spp.                              | Propagative plant parts excluding seeds      |
| <i>Vaccinium</i> spp.                          | Propagative plant parts excluding seeds      |
| <i>Vernicia</i> spp. (= <i>Aleurites</i> spp.) | Propagative plant parts excluding seeds      |
| <i>Viburnum</i> spp.                           | Propagative plant parts excluding seeds      |
| <i>Washingtonia</i> spp.                       | Propagative plant parts excluding seeds      |
| <i>Ziziphus</i> spp.                           | Propagative plant parts excluding seeds      |
| <b>Plants as pests</b>                         | <b>Regulated plant part</b>                  |
| <i>Artemisia austriaca</i>                     | Propagative plant parts including seeds      |
| <i>Bromus</i> spp.                             | Propagative plant parts including seeds      |
| <i>Cassinia</i> spp.                           | Propagative plant parts including seeds      |
| <i>Celtis sinensis</i>                         | Propagative plant parts including seeds      |
| <i>Cestrum</i> spp.                            | Propagative plant parts including seeds      |
| <i>Hakea</i> spp.                              | Propagative plant parts including seeds      |
| <i>Ludwigia</i> spp.                           | Propagative plant parts including seeds      |
| <i>Picnemon</i> spp.                           | Propagative plant parts including seeds      |
| <i>Rhamnus alaternus</i>                       | Propagative plant parts including seeds      |
| <i>Rumex sagittatus</i>                        | Propagative plant parts including seeds      |
| <i>Senecio angulatus</i>                       | Propagative plant parts including seeds      |