



Canadian Food
Inspection Agency

Agence canadienne
d'inspection des aliments

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D-14-03

EFFECTIVE DATE

January 1, 2016

(Original)

Title: Phytosanitary import requirements for fresh and dried branches, roots, cones, foliage, flowers, lichens, mosses and artificial Christmas trees containing bark or wood intended for a use other than propagation and human consumption

SUBJECT

This directive provides the phytosanitary import requirements for all fresh and dried branches, roots, cones, foliage, flowers, lichens, mosses and artificial Christmas trees containing bark or wood intended for all uses (including ornamental/decorative) other than propagation and human consumption.

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Review

This directive will be updated as required. For further information or clarification, please contact the Canadian Food Inspection Agency (CFIA).

Endorsement

Approved by:

<hr style="width: 30%; margin: auto;"/> Chief Plant Health Officer

Introduction

A large volume of fresh and dried branches, roots, cones, foliage, flowers, lichens, mosses and artificial Christmas trees containing bark or wood are imported to Canada from a variety of origins. A wide range of serious plant pests, which can pose a high pest risk to Canada's agriculture, forests and environment, can be transported in or on this material. Wood-boring insects, for example, are of particular concern and can be present in woody material. Pests can move from non-propagative material to the environment, for example: when material is disposed of by composting; when ornamental arrangements are placed outdoors; or when ornamental material is stored in close proximity to propagative material.

This directive sets the phytosanitary import requirements for material intended for uses other than propagation or consumption, such as ornamental/decorative (e.g. bouquets, wreaths). Requirements for material intended for propagation or human consumption are not included in this directive.

Purpose

This directive is intended for the use of CFIA staff, Canada Border Services Agency staff, National Plant Protection Organizations (NPPOs) of exporting countries and any individual or company intending to import fresh and dried branches, roots, cones, foliage, flowers, lichens, mosses and artificial Christmas trees containing bark or wood for any uses other than propagation or human consumption from any country into Canada.

References

D-01-06: Canadian phytosanitary policy for the notification of non-compliance and emergency action [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-01-06/eng/1320037517418/1320037718275>]. CFIA, Ottawa.

D-02-12: Import requirements for non-processed wood and other non-propagative wood products, except solid wood packaging material, from all areas other than the continental United States [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-02-12/eng/1312383927173/1312384406559>]. CFIA, Ottawa.

D-03-08: Phytosanitary Requirements to Prevent the Introduction Into and Spread Within Canada of the Emerald Ash Borer, *Agrilus planipennis* (Fairmaire) [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-03-08/eng/1323821135864/1323821440121>]. CFIA, Ottawa.

D-07-03: Phytosanitary Import Requirements to Prevent the Entry of *Epiphyas postvittana* (light brown apple moth) [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-07-03/eng/1323873365233/1323876281045>]. CFIA, Ottawa.

D-08-04: Plant protection import requirements for plants and plant parts for planting [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-08-04/eng/1323752901318/1323753612811>]. CFIA, Ottawa.

D-94-35: List of Sources Approved to Export Fruit Tree and Grape Propagative Material to Canada [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-94-35/eng/1320670450493/1320679486025>]. CFIA, Ottawa.

D-99-07: Policy for Importation from the United States and Domestic Movement of Plum Pox Virus (PPV) susceptible *Prunus* Propagative Plant Material [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-99-07/eng/1312320268313/1312324196014#a15>]. CFIA, Ottawa.

Definitions, abbreviations and acronyms

Definitions for terms used in the present document can be found in the Plant Health Glossary of Terms [<http://www.inspection.gc.ca/plants/plant-protection/directives/glossary/eng/1304730588212/1304730789969>].

1.0 Scope

1.1 Legislative authority

Plant Protection Act, S.C. 1990, c.22

Plant Protection Regulations, SOR/95-212

Canadian Food Inspection Agency Fees Notice, *Canada Gazette*, Part I (as amended from time to time)

1.2 Fees

The CFIA charges fees in accordance with the *Canadian Food Inspection Agency Fees Notice*. For information regarding fees associated with imported product, please contact the CFIA's National Import Service Centre (NISC)

[<http://www.inspection.gc.ca/food/imports/commercial-importers/nisc/eng/1364059150360/1364059265637>]. Anyone requiring other information regarding fees may contact any local CFIA office or visit our Fees Notice website [<http://www.inspection.gc.ca/about-the-cfia/acts-and-regulations/fees-notice/eng/1307222845373/1307222984162>].

1.3 Regulated pests

Please see the list of Pests Regulated by Canada

[<http://www.inspection.gc.ca/plants/plant-protection/pests/regulated-pests/eng/1363317115207/1363317187811>].

Please note that the CFIA may take action on material that is found to be infested with pests of potential quarantine concern even if they are not yet included on this list.

1.4 Regulated commodities

All fresh and dried branches, roots, cones, foliage, flowers, lichens, mosses and artificial Christmas trees containing bark or wood intended for any uses other than propagation and human consumption.

1.5 Commodities not in the scope of this directive

- Bark in isolation (no longer attached to branches). See directive D-02-12 [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-02-12/eng/1312383927173/1312384406559>] for the import requirements for bark in isolation imported from areas other than the continental United States. For the

continental United States, see the directives listed in Appendix 1.

- Christmas trees. See directive D-02-12 [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-02-12/eng/1312383927173/1312384406559>] for the import requirements for Christmas trees.
- Material intended for propagation. See directive D-08-04 [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-08-04/eng/1323752901318/1323753612811>] for the import requirements for plant material intended for propagation.
- Material intended for human consumption. These requirements are presented in various Plant Health directives [<http://inspection.gc.ca/plants/plant-protection/directives/date/eng/1312227346910/1312227453760>].

1.6 Regulated areas

All countries.

2.0 General requirements

The following requirements apply to **all** products covered under this directive. Requirements for material from a particular origin also apply when the material is re-exported via a third country.

Material must be free from soil, soil-related matter, growing media and quarantine pests.

Cut flowers, foliage and branches must be free from roots.

Growing on, planting or propagation of any of the material covered under this directive is **prohibited**. Material intended for planting or propagation is subject to additional requirements presented in other directives (e.g. directive D-08-04 [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-08-04/eng/1323752901318/1323753612811>]).

Section 3.0 presents only the requirements not captured elsewhere in other Plant Health directives and is **not** exhaustive. **Other requirements may also apply, including prohibitions.** In particular, Appendix 1 provides a list of Plant Health directives that contain requirements specific to certain pests, taxa and origins. For more information, please see the list of all Plant Health directives [<http://inspection.gc.ca/plants/plant-protection/directives/date/eng/1312227346910/1312227453760>], consult the CFIA's Automated Import Reference System

[<http://www.inspection.gc.ca/plants/imports/airs/eng/1300127512994/1300127627409>] or contact your local CFIA office [<http://inspection.gc.ca/about-the-cfia/offices/eng/1313255382836/1313256130232>].

3.0 Specific requirements

3.1 Non-woody material

This product category refers to non-woody material (e.g. cut flowers, non-woody foliage, mosses, lichens).

3.1.1 Dried non-woody material

No specific requirements under this directive.

3.1.2 Fresh non-woody material

Fresh mosses and lichens

From the continental United States:

A Permit to Import is not required. A Phytosanitary Certificate is required.

From areas other than the continental United States:

A Permit to Import and a Phytosanitary Certificate are required.

All other products

Origin	Requirements
New Zealand	See Section 2.1 of directive <u>D-07-03</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-07-03/eng/1323873365233/1323876281045] on <i>Epiphyas postvittana</i> (light brown apple moth).
South Africa	A Permit to Import is not required. A Phytosanitary Certificate is required. No treatments or additional declarations are required.

United States	<i>Fraxinus</i> spp.: See directive <u>D-03-08</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-03-08/eng/1323821135864/1323821440121] on <i>Agrilus planipennis</i> (emerald ash borer).
United States – California and Hawaii	Taxa listed in Appendix 1 of directive <u>D-07-03</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-07-03/eng/1323873365233/1323876281045] on <i>Epiphyas postvittana</i> (light brown apple moth): See <u>Section 2.2 of directive D-07-03</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-07-03/eng/1323873365233/1323876281045#c10aa].
All other origins	No specific requirements under this directive.

3.2 Woody material

This product category includes all woody material (e.g. branches, cones, woody roots, woody foliage), including wreaths and similar items.

3.2.1 Dried woody material

3.2.1.1 Originating from the continental United States

No specific requirements under this directive. However, see in the directives listed in Appendix 1 for other requirements that may apply.

3.2.1.2 Originating from areas other than the continental United States

For products that are dried (less than 8% moisture content), free from bark **and** no greater than 1.5 cm in thickness, neither a Phytosanitary Certificate nor a Permit to Import is required.

- Note: Dry cones must be entirely coated with a permanent layer of lacquer, paint or other sealant.

Other products:

- This includes:

- Dry cones that are not coated in a sealant.
- Artificial Christmas trees containing bark or wood.
- Products that are not dried, not free from bark and/or greater than 1.5 cm in thickness.
- **One** of the following options must be met:
 - Material must be fumigated with methyl bromide as per Appendix 2.
 - Material must be heat-treated to a minimum temperature of 56°C throughout the profile of the wood (including at its core) for a minimum of 30 minutes.
- A Phytosanitary Certificate showing the treatment details is required. A fumigation certificate in lieu of this will not be accepted.
- A Permit to Import is not required.

3.2.2 Fresh woody material

3.2.2.1 Originating from the continental United States

Scientific name	Common name	Requirements
<i>Chaenomeles</i> spp.	flowering quince	The conditions for plant material intended for propagation apply. See directives <u>D-94-35</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-94-35/eng/1320670450493/1320679486025] (fruit trees and grapevines) and <u>D-97-07</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-99-07/eng/1312320268313/1312324196014#a15] (plum pox virus).
<i>Cydonia</i> spp.	quince	
<i>Malus</i> spp.	apple, crabapple	
<i>Prunus</i> spp.	stone fruit	
<i>Pyrus</i> spp.	pear	
<i>Vitis</i> spp.	grapevine	
Taxa listed in Appendix 1 of directive D-07-03		From California only: See Section 2.2 of directive <u>D-07-03</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-07-03/eng/1323873365233/1323876281045] on <i>Epiphyas postvittana</i> (light brown apple moth).
All other taxa		No specific requirements under this directive. However, see the directives listed in Appendix 1 for other requirements that may apply.

3.2.2.2 Originating from areas other than the continental United States

Taxa and origins not listed in either of the following tables are permitted with no specific requirements under this directive. However, see the directives listed in Appendix 1 for other requirements that may apply.

Permitted, with restrictions

Scientific name	Origin	Requirements
<ul style="list-style-type: none"> • <i>Citrus</i> spp. • <i>Dieffenbachia</i> spp. 	All origins	<ul style="list-style-type: none"> • A Permit to Import is required. • A Phytosanitary Certificate is required.
<i>Dracaena sanderiana</i>	China	<ul style="list-style-type: none"> • A Permit to Import is required. • A Phytosanitary Certificate is required. It must include an additional declaration stating that the material in the consignment was produced in a facility approved by the Administration for Quality Supervision, Inspection and Quarantine of China or by China Inspection and Quarantine offices, and meets the CFIA's requirements for the importation of <i>Dracaena sanderiana</i>. • Material must not be in standing water.
	All other origins	<ul style="list-style-type: none"> • A Permit to Import is required. • A Phytosanitary Certificate is required.
Taxa listed in <u>Appendix 1 of directive D-07-03</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-07-03/eng/1323873365233/1323876281045#e12a]	Hawaii	See <u>Section 2.2 of directive D-07-03</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-07-03/eng/1323873365233/1323876281045#c10aa] on <i>Epiphyas postvittana</i> (light brown apple moth).
All taxa	New Zealand	See <u>Section 2.1 of directive D-07-03</u> [http://inspection.gc.ca/plants/plant-protection/directives/date/d-07-03/eng/1323873365233/1323876281045#c10a] on <i>Epiphyas postvittana</i> (light brown apple moth).

Prohibited

Fresh woody material of the following taxa is **prohibited** from origins other than the continental United States.

Scientific name	Common name
<i>Abies</i> spp.	fir
<i>Acer</i> spp.	maple
<i>Aesculus</i> spp.	horse chestnut
<i>Alnus</i> spp.	alder
<i>Betula</i> spp.	birch
<i>Carpinus</i> spp.	hornbeam
<i>Carya</i> spp.	hickory
<i>Castanea</i> spp.	chestnut
<i>Castanopsis</i> spp.	chinquapin
<i>Celtis</i> spp.	hackberry
<i>Chaenomeles</i> spp.	flowering quince
<i>Cornus</i> spp.	dogwood
<i>Corylus</i> spp.	hazelnut
<i>Cydonia</i> spp.	quince
<i>Fagus</i> spp.	beech
<i>Frangula</i> spp.	buckthorn
<i>Fraxinus</i> spp.	ash
<i>Juglans</i> spp.	walnut
<i>Larix</i> spp.	larch

<i>Lithocarpus</i> spp.	stone oak
<i>Malus</i> spp.	apple, crabapple
<i>Ostrya</i> spp.	hophornbeam
<i>Picea</i> spp.	spruce
<i>Pinus</i> spp.	pine
<i>Platanus</i> spp.	sycamore, plane
<i>Populus</i> spp.	poplar
<i>Pseudolarix</i> spp.	golden larch
<i>Pseudotsuga</i> spp.	Douglas fir
<i>Prunus</i> spp.	stone fruit
<i>Pyrus</i> spp.	pear
<i>Quercus</i> spp.	oak
<i>Rhamnus</i> spp.	buckthorn
<i>Rhus</i> spp.	sumac
<i>Salix</i> spp.	willow
<i>Sorbus</i> spp.	mountain ash
<i>Tilia</i> spp.	basswood
<i>Tsuga</i> spp.	hemlock
<i>Ulmus</i> spp.	elm
<i>Vitis</i> spp.	grapevine

4.0 Non-compliance

Imported consignments may be inspected by the CFIA and must meet all requirements when they reach first point of arrival in Canada. Products that are found to be infested with pests of quarantine concern or are otherwise non-compliant may be refused entry to Canada, and may be ordered removed from the country or destroyed. Infested shipments may be ordered treated prior to disposal to prevent the spread of pests. The importer is responsible for all costs relating to treatment, disposal or removal of the products, including costs incurred by the CFIA to monitor the action taken. The CFIA will advise the NPPO of the country of origin of any non-compliance with the conditions outlined in this directive as per directive

D-01-06: Canadian phytosanitary policy for the notification of non-compliance and emergency action [<http://inspection.gc.ca/plants/plant-protection/directives/date/d-01-06/eng/1320037517418/1320037718275>].

5.0 Appendices

Appendix 1: Plant Health directives that include requirements for material covered in directive D-14-03

Appendix 2: Methyl bromide fumigation schedule

Appendix 1: Plant Health directives that include requirements for material covered in directive D-14-03

The directives below can be found in the list of all [Plant Health directives](http://inspection.gc.ca/plants/plant-protection/directives/date/eng/1312227346910/1312227453760) [http://inspection.gc.ca/plants/plant-protection/directives/date/eng/1312227346910/1312227453760].

Note: Requirements may change at any time; this list may not contain the most up-to-date information. Please see the [Automated Import Reference System](http://www.inspection.gc.ca/plants/imports/airs/eng/1300127512994/1300127627409) [http://www.inspection.gc.ca/plants/imports/airs/eng/1300127512994/1300127627409] or [contact the CFIA](http://www.inspection.gc.ca/about-the-cfia/offices/eng/1313255382836/1313256130232) [http://www.inspection.gc.ca/about-the-cfia/offices/eng/1313255382836/1313256130232] for details.

Directive	Pests of concern	Regulated taxa	Regulated origin
D-94-22	<i>Tomicus piniperda</i> (pine shoot beetle)	<i>Pinus</i> spp.	continental United States
D-95-28	multiple pests; see directive	<i>Zea mays</i>	multiple countries; see directive
D-96-08	multiple pests; see directive	<i>Sorghum</i> spp.	multiple countries; see directive
D-97-07	<i>Ophiostoma ulmi</i> and <i>Ophiostoma novo-ulmi</i> (Dutch elm disease)	<i>Ulmus</i> spp., <i>Zelkova</i> spp.	United States
D-97-10	<i>Lachnellula willkommii</i> (European larch canker)	<i>Larix</i> spp., <i>Pseudolarix</i> spp.	multiple countries; see directive
D-98-09	<i>Lymantria dispar</i> (North American gypsy moth)	all taxa	United States

D-99-01	multiple pests; see directive	<i>Hordeum</i> spp., <i>Avena</i> spp., <i>Secale</i> spp. , <i>x-Triticosecale</i> , <i>Triticum</i> spp.	multiple countries; see directive
D-99-03	<i>Ceratocystis fagacearum</i> (oak wilt disease)	<i>Castanea</i> spp., <i>Castanopsis</i> spp., <i>Lithocarpus</i> spp., <i>Quercus</i> spp.	continental United States
D-00-08	<i>Phytophthora alni</i>	<i>Alnus</i> spp.	multiple countries; see directive
D-01-01	<i>Phytophthora ramorum</i>	multiple taxa; see directive	multiple countries; see directive
D-03-08	<i>Agrilus planipennis</i> (emerald ash borer)	<i>Fraxinus</i> spp.	continental United States
D-07-03	<i>Epiphyas postvittana</i> (light brown apple moth)	multiple taxa; see directive	New Zealand, United States (including Hawaii)
D-07-05	<i>Adelges tsugae</i> (hemlock woolly adelgid)	<i>Picea jezoensis</i> , <i>Picea polita</i> , <i>Tsuga</i> spp.	United States
D-11-01	<i>Anoplophora</i> spp. (long-horn beetles)	multiple taxa; see directive	multiple countries; see directive
D-11-05	<i>Anoplophora glabripennis</i> (Asian long-horn beetle)	multiple taxa; see directive	continental United States

Appendix 2: Methyl bromide fumigation schedule

Canada is a signatory of *The Montreal Protocol on Substances that Deplete the Ozone Layer* (1992), agreeing to the reduction and eventual phase-out of methyl bromide use. The CFIA encourages exporters to use methyl bromide recovery systems and investigate the use of methyl bromide alternatives.

The minimum temperature must not be less than 10°C and the minimum exposure time must be at least 24 hours. Monitoring of concentrations must be carried out at a minimum of 2, 4 and 24 hours after application of the fumigant.

A Phytosanitary Certificate issued by the certifying National Plant Protection Organization and indicating the fumigation details (average commodity temperature, general rate [g/m³] of methyl bromide used and exposure time) is required.

Regulated products may be fumigated with methyl bromide in the following manner:

Temperature	Dosage (g/m ³)	Minimum concentration (g/m ³)		
		at 2 hours	at 4 hours	at 24 hours
21°C or above	48	36	31	24
16°C or above	56	42	36	28
10°C or above	64	48	42	32