



Animal and Plant Health Inspection Service  
U.S. DEPARTMENT OF AGRICULTURE

# **Importation of *Prunus* spp. cuttings from Belgium, Canada, France, Germany, Italy, the Netherlands, and the United Kingdom into the United States for planting**

## **A Qualitative, Pathway Initiated Pest Risk Assessment**

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## Executive Summary

The purpose of this report is to assess the pest risks associated with importing commercially produced unrooted, dormant cuttings of *Prunus* spp. (Rosaceae), from Belgium, Canada, France, Germany, Italy, the Netherlands, and the United Kingdom into the United States for planting.

Based on the internal request submitted by Plant Protection and Quarantine (PPQ), we considered the pathway to include the following processes and conditions: commercially produced dormant, unrooted cuttings of *Prunus* spp. (with buds) stored and shipped in moisture-retaining containers such as plastic bags, which may or may not contain moistened paper towels (or any other APHIS-approved packing material). *Prunus* spp. cuttings produced under different conditions were not evaluated and may pose a different pest risk.

We used scientific literature, port-of-entry pest interception data, and information from the government of Belgium, Canada, France, Germany, Italy, the Netherlands, and the United Kingdom to develop a list of pests with quarantine significance for the United States. These are pests that occur in Belgium, Canada, France, Germany, Italy, the Netherlands, and the United Kingdom on any host and are associated with the commodity plant species anywhere in the world.

The following organisms are candidates for pest risk management because they have met the threshold for unacceptable consequences of introduction and can follow the commodity import pathway.

Pest type	Taxonomy	Scientific name
Insect	Coleoptera: Buprestidae	<i>Agrilus olivicolor</i> Kiesenwetter
Insect	Coleoptera: Cerambycidae	<i>Anoplophora chinensis</i> (Förster)
Insect	Coleoptera: Cerambycidae	<i>Aromia bungii</i> Faldermann
Insect	Coleoptera: Cerambycidae	<i>Leiopus linnei</i> Wallin, Nýlander & Kvamme
Insect	Coleoptera: Curculionidae	<i>Lymantor coryli</i> (Perris)
Insect	Coleoptera: Curculionidae	<i>Scolytus amygdali</i> Guérin-Méneville
Insect	Coleoptera: Curculionidae	<i>Scolytus ensifer</i> Eichhoff
Insect	Coleoptera: Curculionidae	<i>Scolytus kirschii</i> Skalitzky
Insect	Coleoptera: Curculionidae	<i>Scolytus pygmaeus</i> (F.)
Insect	Coleoptera: Curculionidae	<i>Scolytus scolytus</i> (F.)
Insect	Diptera: Cecidomyiidae	<i>Resseliella oculiperda</i> (Rübsaamen)
Insect	Hemiptera: Aphididae	<i>Brachycaudus amygdalinus</i> (Schouteden)
Insect	Hemiptera: Aphididae	<i>Brachycaudus schwartzi</i> (Börner)*
Insect	Hemiptera: Aphididae	<i>Hyalopterus amygdali</i> (Blanchard)
Insect	Hemiptera: Aphididae	<i>Myzus mumecola</i> (Matsumura)
Insect	Hemiptera: Aphididae	<i>Pterochloroides persicae</i> (Cholodkovsky)
Insect	Hemiptera: Cicadellidae	<i>Alnetoidia alneti</i> (Dahlbom)
Insect	Hemiptera: Cicadellidae	<i>Cicadella viridis</i> (L.)
Insect	Hemiptera: Cicadellidae	<i>Edwardsiana crataegi</i> (Douglas)*
Insect	Hemiptera: Cicadellidae	<i>Typhlocyba quercus</i> (F.)*
Insect	Hemiptera: Coccidae	<i>Ceroplastes japonicus</i> Green
Insect	Hemiptera: Coccidae	<i>Ceroplastes rubens</i> Maskell
Insect	Hemiptera: Coccidae	<i>Ceroplastes rusci</i> (L.)*
Insect	Hemiptera: Coccidae	<i>Ceroplastes sinensis</i> Del Guercio*

<b>Pest type</b>	<b>Taxonomy</b>	<b>Scientific name</b>
Insect	Hemiptera: Coccidae	<i>Eulecanium ciliatum</i> (Douglas)
Insect	Hemiptera: Coccidae	<i>Eulecanium tiliae</i> (L.)*
Insect	Hemiptera: Coccidae	<i>Filippia follicularis</i> (Targioni Tozzetti)
Insect	Hemiptera: Coccidae	<i>Lichtensia viburni</i> Signoret
Insect	Hemiptera: Coccidae	<i>Palaeolecanium bituberculatum</i> (Signoret)
Insect	Hemiptera: Coccidae	<i>Parthenolecanium rufulum</i> (Cockerell)
Insect	Hemiptera: Coccidae	<i>Pulvinaria regalis</i> Canard
Insect	Hemiptera: Coccidae	<i>Sphaerolecanium prunastri</i> (Boyer de Fonscolombe)*
Insect	Hemiptera: Coccidae	<i>Takahashia japonica</i> (Cockerell)
Insect	Hemiptera: Diaspididae	<i>Aulacaspis tubercularis</i> Newstead*
Insect	Hemiptera: Diaspididae	<i>Diaspidiotus lenticularis</i> (Lindinger)
Insect	Hemiptera: Diaspididae	<i>Diaspidiotus marani</i> (Zahradnik)
Insect	Hemiptera: Diaspididae	<i>Diaspidiotus pyri</i> (Lichtenstein)
Insect	Hemiptera: Diaspididae	<i>Melanaspis inopinata</i> (Leonardi)
Insect	Hemiptera: Diaspididae	<i>Suturaspis archangelskyae</i> (Lindinger)
Insect	Hemiptera: Issidae	<i>Agalmatium flavescens</i> (Olivier)
Insect	Hemiptera: Miridae	<i>Apolygus spinolae</i> (Meyer-Dür)
Insect	Hemiptera: Monophlebidae	<i>Icerya seychellarum</i> (Westwood)
Insect	Hemiptera: Oxycarenidae	<i>Oxycarenus hyalinipennis</i> (Costa)
Insect	Hemiptera: Oxycarenidae	<i>Oxycarenus lavaterae</i> (F.)
Insect	Hemiptera: Pseudococcidae	<i>Phenacoccus peruvianus</i> Granara de Willink*
Insect	Hemiptera: Ricaniidae	<i>Ricania shantungensis</i> Cho & Lu
Insect	Hemiptera: Ricaniidae	<i>Ricania speculum</i> (Walker)
Insect	Hemiptera: Tingidae	<i>Monosteira unicastata</i> (Mulsant & Rey)
Insect	Hemiptera: Tingidae	<i>Stephanitis pyri</i> (F.)
Insect	Hymenoptera: Siricidae	<i>Tremex fuscicornis</i> (F.)
Insect	Lepidoptera: Buccalatricidae	<i>Buccatrix bechsteinella</i> (Bechstein & Scharfenberg)
Insect	Lepidoptera: Erebidae	<i>Euproctis similis</i> (Fuessly)
Insect	Lepidoptera: Erebidae	<i>Lymantria monacha</i> L.
Insect	Lepidoptera: Gelechiidae	<i>Parachronistis albiceps</i> (Zeller)
Insect	Lepidoptera: Geometridae	<i>Abraxas grossulariata</i> (L.)
Insect	Lepidoptera: Geometridae	<i>Epirrita dilutata</i> (Denis & Schiffermüller)
Insect	Lepidoptera: Geometridae	<i>Erannis defoliaria</i> Clerck
Insect	Lepidoptera: Geometridae	<i>Ourapteryx sambucaria</i> (L.)
Insect	Lepidoptera: Geometridae	<i>Pasiphila rectangularata</i> L.*
Insect	Lepidoptera: Lasiocampidae	<i>Gastropacha quercifolia</i> (L.)
Insect	Lepidoptera: Lasiocampidae	<i>Malacosoma neustria</i> (L.)
Insect	Lepidoptera: Lasiocampidae	<i>Odonestis pruni</i> (L.)
Insect	Lepidoptera: Lasiocampidae	<i>Trichiura crataegi</i> (L.)
Insect	Lepidoptera: Lyonetiidae	<i>Leucoptera malifoliella</i> (Costa)
Insect	Lepidoptera: Noctuidae	<i>Acronicta psi</i> (L.)
Insect	Lepidoptera: Noctuidae	<i>Acronicta tridens</i> (Denis & Schiffermüller)
Insect	Lepidoptera: Noctuidae	<i>Allophyes oxyacanthae</i> (L.)
Insect	Lepidoptera: Noctuidae	<i>Cosmia pyralina</i> (Denis & Schiffermüller)
Insect	Lepidoptera: Noctuidae	<i>Diloba caeruleocephala</i> (L.)
Insect	Lepidoptera: Oecophoridae	<i>Diurnea lipsiella</i> (Denis & Schiffermüller)
Insect	Lepidoptera: Pyralidae	<i>Cryptoblades gnidiella</i> (Millière)
Insect	Lepidoptera: Sesiidae	<i>Synanthedon myopaeformis</i> (Borkhausen)*

<b>Pest type</b>	<b>Taxonomy</b>	<b>Scientific name</b>
Insect	Lepidoptera: Tortricidae	<i>Acleris rhombana</i> (Denis & Schiffermüller)*
Insect	Lepidoptera: Tortricidae	<i>Archips crataegana</i> (Hübner)
Insect	Lepidoptera: Tortricidae	<i>Archips xylosteana</i> (L.)
Insect	Lepidoptera: Tortricidae	<i>Argyrotaenia ljugiana</i> (Thunberg)
Insect	Lepidoptera: Tortricidae	<i>Choristoneura hebenstreitella</i> Müller
Insect	Lepidoptera: Tortricidae	<i>Enarmonia formosana</i> Scopoli*
Insect	Lepidoptera: Tortricidae	<i>Epichoristodes acerbella</i> (Walker)
Insect	Lepidoptera: Tortricidae	<i>Eupoecilia ambiguella</i> Hübner
Insect	Lepidoptera: Tortricidae	<i>Grapholita funebrana</i> (Treitschke)
Insect	Lepidoptera: Tortricidae	<i>Grapholita lobarzewskii</i> Nowicki
Insect	Lepidoptera: Tortricidae	<i>Hedya pruniana</i> (Hübner)
Insect	Lepidoptera: Tortricidae	<i>Lobesia botrana</i> Dennis & Schiffermüller
Insect	Lepidoptera: Tortricidae	<i>Neosphaleroptera nubilana</i> (Hübner)
Insect	Lepidoptera: Tortricidae	<i>Pammene rhediella</i> Clerck
Insect	Lepidoptera: Tortricidae	<i>Pandemis cerasana</i> (Hübner)*
Insect	Lepidoptera: Yponomeutidae	<i>Argyresthia albistria</i> (Haworth)
Insect	Lepidoptera: Yponomeutidae	<i>Argyresthia pruniella</i> (Clerck)*
Insect	Lepidoptera: Yponomeutidae	<i>Yponomeuta evonymella</i> (L.)
Insect	Lepidoptera: Zygaenidae	<i>Aglaope infausta</i> (L.)
Insect	Thysanoptera: Phlaeothripidae	<i>Haplothrips aculeatus</i> (F.)
Insect	Thysanoptera: Thripidae	<i>Thrips flavus</i> Schrank
Mite	Eriophyidae	<i>Eriophyes similis</i> (Nalepa)
Mite	Tenuipalpidae	<i>Cenopalpus pulcher</i> (Canestrini & Fanzago)*
Mite	Tetranychidae	<i>Amphitetranynchus viennensis</i> (Zacher)
Fungus	Sordariomycetes: Glomerellales	<i>Colletotrichum boninense</i> Moriwaki, Toy. Sato & Tsukib.
Fungus	Dothideomycetes: Pleosporales	<i>Didymosphaeria rubi-ulmifolii</i> Ariyaw., Camporesi & K.D. Hyde
Fungus	Dothideomycetes: Pleosporales	<i>Didymosphaeria variabile</i> (Riccioni, Damm, Verkley & Crous) Ariyaw. & K.D. Hyde
Fungus	Leotiomycetes: Helotiales	<i>Encoelia fimbriata</i> Spooner & Trigaux
Fungus	Agaricomycetes: Hymenochaetales	<i>Fomitiporia mediterranea</i> M. Fisch.
Fungus	Dothideomycetes: Botryosphaeriales	<i>Neofusicoccum ribis</i> (Slippers, Crous & M.J. Wingf.) Crous, Slippers & A.J.L. Phillips*
Fungus	Sordariomycetes: Togniniales	<i>Phaeoacremonium tuscanum</i> Essakhi, Mugnai, Surico & Crous
Fungus	Pucciniomycetes: Pucciniales	<i>Tranzschelia discolor</i> (Fuckel) Tranzschel & M.A. Litv.*
Fungus	Dothidiomycetes: Capnodiales	<i>Wilsonomyces carpophilus</i> (Lév.) Adask., Ogawa & Butler*
Chromistan	Oomycetes: Peronosporales	<i>Phytophthora citricola</i> Sawada*
Chromistan	Oomycetes: Peronosporales	<i>Phytophthora ramorum</i> Werres, De Cock & Man in 't Veld
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma aurantifolia' Zreik et al. (16SrII group)
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma mali' Seemüller and Schneider (16SrX-A)

<b>Pest type</b>	<b>Taxonomy</b>	<b>Scientific name</b>
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma phoenicium' Verdin et al. (16Sr IX-B)
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma prunorum' Seemüller and Schneider (16SrX-B)
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma pyri' Seemüller & Schneider (16SrX-C)*
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma solani' Quaglino et al. (16SrXII-A)
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma trifolii' Hiruki and Wang (16SrVI-A)
Bacterium	Pseudomonadaceae	<i>Pseudomonas syringae</i> pv. <i>persicae</i> Prunier, Luisetti and Gardan
Bacterium	Lysobacteraceae	<i>Xylella fastidiosa</i> Wells et al.
Bacterium	Lysobacteraceae	<i>Xylella fastidiosa</i> subsp. <i>pauca</i> Schaad, Postnikova, Lacy, Fatmic & Chang
Virus	Chrysoviridae	<i>Alphachrysovirus cerasi</i>
Virus	Secoviridae	<i>Fabavirus</i> Cherry virus F
Virus	Secoviridae	<i>Fabavirus pruni</i>
Virus	Betaflexiviridae	<i>Foveavirus latensarmeniaca</i>
Virus	Betaflexiviridae	<i>Foveavirus</i> Cherry rusty mottle virus (European strain)
Virus	Tombusviridae	<i>Luteovirus</i> Peach-associated luteovirus
Virus	Potyviridae	<i>Potyvirus plumboxi</i>
Virus	Betaflexiviridae	<i>Prunevirus armeniaca</i>
Virus	Betaflexiviridae	<i>Tepovirus tafpruni</i>
Virus	Virgaviridae	<i>Tobamovirus viridimaculae</i>
Virus	Tombusviridae	<i>Tombusvirus dianthi</i>
Virus	Tombusviridae	<i>Tombusvirus petuniae</i>
Virus	Betaflexiviridae	<i>Trichovirus armeniaca</i>

\*This applies only to Hawaii or the U.S. territories.

The following organism is likely to follow the pathway and has already been determined to pose an unacceptable risk to the United States. Domestic regulations are in place for this pest:

<b>Pest type</b>	<b>Taxonomy</b>	<b>Scientific name</b>	<b>Code of Federal Regulations</b>
Insect	Lepidoptera: Erebiidae	<i>Lymantria dispar</i> (L.)	7 CFR § 301.45

The detailed examination and choice of appropriate phytosanitary measures to mitigate pest risk are addressed in a separate document.

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## 1. Introduction

### 1.1. Background

The purpose of this report is to present PPQ's assessment of the pest risk associated with the importation of commercially produced dormant, unrooted cuttings of *Prunus* spp. L. from Belgium, Canada, France, Germany, Italy, the Netherlands, and the United Kingdom (referred to as the export area) into the United States<sup>1</sup> (referred to as the pest risk analysis or PRA area) for planting.

As defined in ISPM No. 11, this document comprises Stage 1 (Initiation) and Stage 2 (Risk Assessment) of risk analysis. Stage 3 (Risk Management) will be covered in a separate document.

### 1.2. Initiating event

The importation of plants for planting into the United States is regulated under Title 7 of the Code of Federal Regulation, Part 319 Subpart – Plants for Planting (7 CFR §319.37) and as described in the [Agricultural Commodity Import Requirements](#). Under this regulation, the entry of *Prunus* spp. into the PRA area from Canada is generally admissible (except for *P. africana*); entry from Belgium, France, Germany, Italy, and the United Kingdom is not authorized; and entry from the Netherlands requires postentry quarantine. This commodity risk assessment was initiated in response to a request by PPQ; the results will be used to support a technical review of the regulations.

### 1.3. Potential weediness of the commodity

In some cases, an imported commodity could become invasive in the PRA area. If warranted, we analyze the commodity for weed risk. A weed risk analysis is not required when (a) the commodity is already enterable into the PRA area from other countries, (b) the commodity plant species is widely established or cultivated in the PRA area, or (c) the imported plant part(s) cannot easily propagate on its own or be propagated. We determined that the weed risk of *Prunus* spp., does not need to be analyzed because *Prunus* trees are widely cultivated in the United States (USDA-NRCS, 2025).

### 1.4. Description of the pathway

A pathway is “any means that allows the entry or spread of a pest” (IPPC, 2022). In the context of this document, the pathway is the commodity to be imported. The following description includes those conditions and processes the commodity undergoes from production through importation and distribution that may have an impact on pest risk and therefore were considered in our assessment. Commodities produced under different conditions were not considered.

#### 1.4.1. Description of the commodity

The specific pathway of concern is the importation of *Prunus* tree unrooted cuttings for planting.

#### 1.4.2. Summary of the production, harvest, post-harvest, shipping, and storage conditions considered

Production, harvesting, shipping and storage practices in the exporting country were not considered when compiling this pest list with the following exceptions: the cuttings will be unrooted and dormant with buds and we assumed the plants will be stored and shipped in moisture-retaining containers such as plastic bags, which may or may not contain moistened paper towels (or another APHIS-approved packing material).

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<sup>1</sup>The *United States* includes all states, the District of Columbia, Guam, the Northern Mariana Islands, Puerto Rico, the U.S. Virgin Islands, and any other territory or possession of the United States.

## 2. Pest List and Pest Categorization

The pest list is a compilation of plant pests of quarantine significance to the United States. This list includes pests that are present in Belgium, Canada, France, Germany, Italy, the Netherlands, and the United Kingdom on any host and are known to be associated with *Prunus* spp. anywhere in the world. Pests are considered quarantine significant if they (a) are not present in the PRA area, (b) are actionable at U.S. ports of entry, (c) are under federal official control, or (e) require evaluation for regulatory action. Consistent with ISPM No. 5, pests that meet any of these definitions are considered “quarantine pests” and are candidates for analysis.

### 2.1. Pest list

We developed the pest list based on scientific literature, port-of-entry pest interception data, and information provided by the government of Belgium, Canada, France, Germany, Italy, the Netherlands, and the United Kingdom. We listed the pests that are of quarantine significance to the PRA area in Table 1. For each pest, we provided evidence for the pest’s presence in Belgium, Canada, France, Germany, Italy, Netherlands, and the United Kingdom and its association with *Prunus* spp. We indicated the plant parts with which the pest is generally associated and, if applicable, provided information about the pest’s distribution in the United States. Pests that are likely to remain associated with the harvested commodity in a viable form are indicated by bolded text and are listed separately in Table 2.

**Table 1.** List of quarantine pests associated with *Prunus* spp. anywhere in the world and present in Belgium (BE), Canada (CAN), France (FR), Germany (GE), Italy (IT), the Netherlands (NE), and the United Kingdom (UK) on any host.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Coleoptera: Attelabidae <i>Involvulus cupreus</i> (L.)	IT (Ghahari and Colonnelli, 2019)	(Ghahari and Colonnelli, 2019)	Leaves, stems (based on the biology of the genus) (Alford, 2014)	Not associated with the harvest plant part.
INSECT: Coleoptera: Attelabidae <i>Involvulus icosandriae</i> (J.A.Scopoli); syn. <i>Involvulus caeruleus</i> (DeGeer)	BE (Delbol, 2022), GE (Casalini and Colonnelli, 2014; Müller and Creuwels, 2023), FR (GBIF, 2025), IT (Casalini and Colonnelli, 2014), NE (Brakman, 1966; Heijerman, 1993)	(Ghahari and Colonnelli, 2019)	Leaves, stems (based on the biology of the genus) (Alford, 2014)	Adults lay eggs in the stem, then cut the stem below the oviposition site. Attacked shoots usually fall to the ground, but may remain attached (Alford, 2014) and dangling. Not likely to be harvested as stems are visibly damaged.
INSECT: Coleoptera: Attelabidae <i>Neocoenorrhinus pauxillus</i> (Germar)	BE (Delbol, 2013), FR (de Jong et al., 2017), GE (EMBL-EBI, 2023; Köhler, 2019), IT (Ghahari and Colonnelli, 2019), NE	(Ghahari and Colonnelli, 2019)	Leaves (Alford, 2014)	Not associated with the harvest plant part.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	(Cuppen, 2012; Markó et al., 2010),			
INSECT: Coleoptera: Attelabidae <i>Rhynchites auratus</i> (Scopoli)	GE (Katschak, 1994), IT (Contarini, 1997), UK (Walton, 1844)	(Dezianian, 2005)	Fruit, leaves (Dezianian, 2005), flowers (Alford, 2014)	Not associated with the harvest plant part.
INSECT: Coleoptera: Attelabidae <i>Rhynchites bacchus</i> (L.)	BE, NE, UK (Legalov and Friedman, 2007), FR (Alizar, 2015), GE (Jancke, 1940), IT (Contarini, 1997)	(Contarini, 1997)	Buds (Alford, 2014), fruit (De Stefani, 1918)	Adults are external feeders on buds; eggs are laid in fruitlets (Alford, 2014) that would not be present on dormant trees.
INSECT: Coleoptera: Atellabidae <i>Rhynchites giganteus</i> Schoenherr	IT (Ghahari and Colonnelli, 2019)	(Ghahari and Colonnelli, 2019)	Fruit (based on <i>R. bacchus</i> ) (De Stefani, 1918)	Not associated with the harvest plant part.
INSECT: Coleoptera: Attelabidae <i>Tatiana erhynchites aequatus</i> (L.), syns. <i>Neocoenorrhinus aequatus</i> (L.), <i>Rhynchites aequatus</i> (L.)	BE (Crevecoeur et al., 2004; Delbol, 2022), FR (Audras, 1959; Meriguet and Zagatti, 2001), GE (Matern, 2002), IT (Contarini, 1997), NE (Koomen, 1998), UK (Hodge, 2011)	(Bolu, 2006)	Leaves, fruit (Munteanu et al., 2014)	Primarily a fruit pest, does not overwinter on associated commodity (Alford, 2014).
INSECT: Coleoptera: Bostrichidae <i>Apate monachus</i> F.	FR (Clavier, 1994), GE (Nemeth et al., 2015), IT (Bonsignore, 2012), NE (Nemeth et al., 2015)	(Luciano, 1982)	Branches, trunks (Bonsignore, 2012), based on general biology of this species	The eggs and larvae of this species are unlikely to follow the pathway because they occur only on dead wood or wilting trees (Avidov and Harpaz, 1969; Bonsignore, 2012), which are unlikely to be exported. Quarantine pest for Hawaii, Puerto Rico, and other U.S. territories (ARM, 2025).
INSECT: Coleoptera: Buprestidae <i>Agrilus olivicolor</i> Kiesenwetter	BE (Hastir and Gaspar, 2002)	(Hastir and Gaspar, 2002)	Branches (Ellis, 2025)	Larvae develop in thin, live and dying branches (Wermelinger et al., 2007).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Coleoptera: Buprestidae <i>Anthaxia cichorii</i> (Olivier)	BE, GE, NE (Hastir and Gaspar, 2002)	(Hastir and Gaspar, 2002)	Branches (Ellis, 2025)	Larvae bore into partially withered branches (Ellis, 2025).
INSECT: Coleoptera: Buprestidae <i>Capnodis tenebrionis</i> (L.)	FR (d'Aguilar and Feron, 1949), IT (Cravedi and Pollini, 2008)	(Cravedi and Pollini, 2008)	Roots (Mourikis et al., 1998), based on the general biology of this species	Not associated with the harvested plant part.
INSECT: Coleoptera: Buprestidae <i>Chrysobothris chryso stigma</i> (L.)	BE (Hastir and Gaspar, 2002)	(Hastir and Gaspar, 2002)	Under bark (Ellis, 2025)	Develops under the bark of weakened or recently dead trees (Ellis, 2025).
INSECT: Coleoptera: Cantharidae <i>Cantharis obscura</i> L.	BE, FR (de Jong et al., 2017), GE (Köhler, 2019; ZSM/SNSB, 2023), IT (PESI, 2025), NE (Brakman, 1966; Cuppen, 2009; Klomp and Teerink, 1973)	(Alford, 2014)	Flowers, fruit (Alford, 2014)	Not associated with the harvested plant part. A minor pest of fruit trees (Alford, 2014).
INSECT: Coleoptera: Cerambycidae <i>Anoplophora chinensis</i> (Förster), syn. <i>Anoplophora malasiaca</i> (Thomson)	IT (under eradication) (EPPO, 2025; Hérard et al., 2006)	(Hérard et al., 2006)	Leaves (adult), bark, stem (Haack, 2006; Sjöman et al., 2014), trunks (Hérard et al., 2006)	Larvae feed for an extended time under the bark and in the xylem and pupate within the tree (Adachi, 1994; Sjöman et al., 2014). Larvae have been found in <i>Acer</i> sp. stems with a diameter of approximately 1 cm (van der Gaag et al., 2010). Therefore, this pest could be in dormant trees.
INSECT: Coleoptera: Cerambycidae <i>Aromia bungii</i> Faldermann	GE (Benker et al., 2018), IT (EPPO, 2012)	(Benker et al., 2018)	Branches (EPPO, 2012), trunks (Benker et al., 2018),	Eggs are laid inside the wood of the host where the larvae develop. International trade of nursery plants is considered a pathway of introduction for <i>A. bungii</i> (EPPO, 2012).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<b>INSECT:</b> <b>Coleoptera:</b> <b>Cerambycidae</b> <i>Leiopus linnei</i> <b>Wallin, Nýlander &amp; Kvamme</b>	<b>BE, FR, GE (Drumont and Wallin, 2009), NE (Colijn and van Loon, 2016)</b>	<b>(Gutowski et al., 2010)</b>	<b>Branches, trunks, twigs, (Gutowski et al., 2010)</b>	<b>Larvae develops under the bark of its hosts (Gutowski et al., 2010).</b>
INSECT: Coleoptera: Cerambycidae <i>Niphona picticornis</i> Mulsant	FR (Micas, 2010), IT (Campo et al., 2018)	(Bense, 1995; Campo et al., 2018)	Branches, stems of dead wood (Bense, 1995)	Larvae develop in dead wood (Bense, 1995).
INSECT: Coleoptera: Cerambycidae <i>Tetrops praeusta</i> (L.)	BE (Drumont et al., 2012), FR (de Jong et al., 2017), GE (Köhler, 2019; ZSM/SNSB, 2023), IT (Sturani, 1981), NE (Colijn and van Loon, 2016; Cuppen, 2012; Cuppen, 2009), UK (Twinn and Harding, 1999)	(Alford, 2014)	Leaves (adults), dead twigs and stems (Alford, 2014)	The larvae only feed within dead twigs and branches (Alford, 2014). This species is present in the continental United States in Maine (Howden and Howden, 2000).
INSECT: Coleoptera: Curculionidae <i>Anthonomus amygdali</i> Hustache	IT (Russo et al., 1994)	(Russo et al., 1994)	Flower bud, leaves (Russo et al., 1994)	Not associated with the harvested plant part.
INSECT: Coleoptera: Curculionidae <i>Anthonomus rectirostris</i> (L.), syn. <i>Furcipes rectirostris</i> (L.)	IT (Pescarolo, 1990)	(Nowakowska and Halarewicz, 2006)	Fruit, leaves, seed (István, 2011)	Not associated with the harvested plant part.
INSECT: Coleoptera: Curculionidae <i>Euwallacea fornicatus</i> (Eichhoff), syn. <i>Euwallacea whitfordiodendrus</i> (Schedl)	IT [under official control] (EPPO, 2020b)	(Coleman et al., 2019)	Branches, stems (based on the general biology) (Hill, 1983)	Stems and branches over 2 cm in diameter can be infested (Mendel et al., 2012). Adults are rarely, if ever, intercepted on budwood (Saccaggi and Pieterse, 2013). Present in the United States in California, Florida (Mendel et al., 2012), and Hawaii (Rugman-Jones et al., 2020). Quarantine only for Puerto Rico (ARM, 2025).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Coleoptera: Curculionidae <i>Hylobius abietis</i> (L.)	BE (Leclercq, 2014), FR (Conord et al., 2006), IT (Feldman-Muhsam and Havivi, 1977), GE (Leather et al., 1999), NE (Moraal, 1999), UK (Thorpe and Day, 2008)	(Nowakowska and Halarewicz, 2006)	Bark (based on the general biology of this species) (Leather et al., 1999)	Adults feed externally on non-host trees (Leather et al., 1999), larvae develop inside of dying and felled conifer trees (Ciesla, 2001; Leather et al., 1999).
INSECT: Coleoptera: Curculionidae <i>Lymantor coryli</i> (Perris)	IT (Audisio et al., 2014; Wood and Bright, 1992)	(Kibar et al., 2005)	Branches, trunks (based on general biology) (Kibar et al., 2005)	All life stages develop inside hosts.
INSECT: Coleoptera: Curculionidae <i>Megaplatypus mutatus</i> (Chapuis)	IT (EPPO, 2004)	(EPPO, 2009)	Trunks (EPPO, 2009)	Newly emerged adults infest trunks that are >15 cm in diameter (EPPO, 2009).
INSECT: Coleoptera: Curculionidae <i>Phyllobius glaucus</i> (Scopoli), syn. <i>Phyllobius calcaratus</i> (F.)	BE (Delbol, 2022), FR (de Jong et al., 2017), GE (Köhler, 2019; Naturkundemuseum, 2023), NE (Cuppen, 2012; Franken and Berg, 2018)	(Alford, 2014)	Flowers, leaves, roots (Alford, 2014; Ellis, 2025)	Not associated with the harvest plant part.
INSECT: Coleoptera: Curculionidae <i>Phyllobius pyri</i> (L.)	BE (Delbol, 2022), FR (de Jong et al., 2017), GE (Köhler, 2019; ZSM/SNSB, 2023), IT (Colonnelli, 2003), NE (Cuppen, 2012; Cuppen, 2009; Meijer et al., 2012), UK (Billiald et al., 2010)	(Alford, 2014)	Flowers, leaves, roots (Alford, 2014)	Not associated with the harvest plant part.
INSECT: Coleoptera: Curculionidae <i>Orchestes fagi</i> (L.), syn. <i>Rhychaenus fagi</i> (L.)	BE (Sioen et al., 2008), CAN (Sweeney et al., 2012), FR (Chauvin et al., 1976), GE (Grimm,	(Bajec, 2011)	Fruit, leaves (Bajec, 2011)	Not associated with the harvest plant part.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	1973), NE (Moraal, 1999)			
INSECT: Coleoptera: Curculionidae <i>Otiorhynchus armadillo</i> (Rossi), syn. <i>Otiorhynchus apenninus</i> Stierlin	BE (Durmont et al., 2016), FR (Magnano et al., 2008), GE (Dieckmann, 1980), IT (Gordon et al., 2003), NE (Heijerman and Hellingman, 2008; Heijerman et al., 2003), UK (Barclay, 2003)	(Heijerman et al., 2003)	Leaves (Heijerman et al., 2003), roots (Gordon et al., 2003)	Overwinters in the soil as larvae (del Bene and Parrini, 1986).
INSECT: Coleoptera: Curculionidae <i>Otiorhynchus salicicola</i> Heyden	IT (Landi, 1990)	(van Tol et al., 2004)	Leaves (adult) (Alford, 2014), roots (larva) (CABI, 2025)	Not associated with the harvested plant part.
INSECT: Coleoptera: Curculionidae <i>Scolytus amygdali</i> Guérin-Méneville	FR (Chararas, 1956), IT (Liotta and Maniglia, 1994)	(Zeiri et al., 2015)	Branches (Liotta and Maniglia, 1994; Zeiri et al., 2011)	<i>Scolytus amygdali</i> prefers older and weakened trees but is capable of infesting and killing young trees (Zeiri et al., 2018).
INSECT: Coleoptera: Curculionidae <i>Scolytus ensifer</i> Eichhoff	IT (Wood and Bright, 1992)	(Wood and Bright, 1992)	Branches, twigs, trunks (based on the general biology of <i>Scolytus</i> spp.) (CABI, 2025; Covassi, 1980)	Develops and reproduces under the bark of hosts.
INSECT: Coleoptera: Curculionidae <i>Scolytus kirschii</i> Skalitzky	FR (Balachowsky, 1943), IT (Covassi, 1980)	(Covassi, 1980)	Twigs, branches, trunks (based on the general biology of this species) (Covassi, 1980)	<i>Scolytus kirschii</i> prefers branches and trunks of weakened trees and twigs of healthy trees (Covassi, 1980).
INSECT: Coleoptera: Curculionidae <i>Scolytus pygmaeus</i> (F.)	IT (Audisio et al., 2014)	(Heal, 2003)	Branches (based on general biology) (Nakládál, 2007)	Develops and reproduces under the bark of hosts.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<b>INSECT:</b> <b>Coleoptera:</b> <b>Curculionidae</b> <i>Scolytus scolytus</i> (F.)	<b>BE (Wood and Bright, 1992), FR (Balachowsky, 1943), GE (Wood and Bright, 1992), IT (Colonnelli, 2003), NE (Moraal, 1999), UK (Arnold and Barson, 1977)</b>	<b>(Selmi, 1985)</b>	<b>Branches (based on the general biology) (Webber, 2004)</b>	<b>Develops and reproduces under the bark of hosts.</b>
INSECT: Coleoptera: Curculionidae <i>Trypodendron domesticum</i> (L.)	BE (Gaubicher et al., 2002), CAN (Humble and Henry, 2004), FR (Lassauce et al., 2012), GE (Metzler and Hecht, 2006), IT (Haack and Rabaglia, 2013), NE (Colijn et al., 2013), UK (Piper and Allen, 2020)	(Shaw, 1960)	Trunks, under bark (Shaw, 1960)	This species feeds under bark, in galleries, of dead and dying trees (Hiskes, 2013; Shaw, 1960).
INSECT: Coleoptera: Curculionidae <i>Trypodendron signatum</i> (F.)	BE (Gaubicher et al., 2002), FR (Bouget et al., 2015), GE, UK (Wood and Bright, 1992), NE (Colijn et al., 2013)	(Bright and Skidmore, 1997)	Trunks (based on the general biology) (Martikainen, 2000)	Overwinters under the bark at the base of standing trees (Martikainen, 2000).
INSECT: Coleoptera: Curculionidae <i>Xyleborus monographus</i> (F.)	BE (Thomaes et al., 2015), FR (Bouget and Noblecourt, 2005), GE (Reike and Sobczyk, 2007), IT (Frigimelica and Faccoli, 1999), NE (Colijn et al., 2013), UK (Telfer, 2007)	(Grüne, 1979)	Branches (Rabaglia et al., 2020), trunks (Schedl, 1968).	<i>Xyleborus monographus</i> has not been found to infest trunks or branches smaller than 6.35 cm (Rabaglia et al., 2020). Present in the United States in California (Rabaglia et al., 2020).
INSECT: Coleoptera: Scarabaeidae <i>Melolontha melolontha</i> (L.)	BE (Ansari et al., 2003), FR (Hurpin, 1965), GE (Wagenhoff et al., 2015), IT (Dolci et al., 2006), NE	(Toader, 2008)	Roots (Toader, 2008)	Not associated with the harvest plant part.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	(Moraal, 1999), UK (Yalden, 1976)			
INSECT: Coleoptera: Scarabaeidae <i>Oxythyrea funesta</i> (Poda)	BE (Thomaes et al., 2015), GE (Hoffmann et al., 2021), NE (Heijerman and Corten, 2010), UK (Subchev, 2012)	(Razov et al., 2009)	Flowers, fruit (Razov et al., 2009)	Not associated with the harvested plant part.
INSECT: Coleoptera: Scarabaeidae <i>Popillia japonica</i> Newman	CAN (regulated and present outside regulated areas, under eradication in British Columbia) (CFIA, 2022; Rahemi et al., 2015), IT (EPPO, 2014)	(Ranney and Walgenbach, 1992)	Fruit, leaves, roots (Clausen and King, 1927)	<i>Popillia japonica</i> is a regulated pest (7 CFR § 301.48, 2022).
INSECT: Diptera: Cecidomyiidae <i>Asphondylia pruniperda</i> Ronda	BE, NE (Roskam and Carbonnelle, 2016), FR (Skuhrová et al., 2005)	(Roskam and Carbonnelle, 2016)	Flower buds, leaves (Skuhrová et al., 2005)	Not associated with the harvested plant part.
INSECT: Diptera: Cecidomyiidae <i>Contarinia pruniflorum</i> Countin & Rambier	BE (Roskam and Carbonnelle, 2016), FR (Kaplan, 2014), IT (Cravedi and Pollini, 2008)	(Kaplan, 2014)	Flower buds (Doğanlar et al., 2014)	Not associated with the harvested plant part.
INSECT: Diptera: Cecidomyiidae <i>Dasineura tortrix</i> (Löw)	BE, NE (Roskam and Carbonnelle, 2016), FR, (Skuhrová et al., 2005), IT (Skuhrová and Skuhrový, 2010)	(Roskam and Carbonnelle, 2016)	Leaves (Skuhrová et al., 2005)	Not associated with the harvested plant part.
INSECT: Diptera: Cecidomyiidae <i>Putoniella pruni</i> (Kaltenbach)	BE, NE (Roskam and Carbonnelle, 2016), FR, (Skuhrová et al., 2005), IT (Skuhrová and Skuhrový, 1994)	(Roskam and Carbonnelle, 2016)	Leaves (Roskam and Carbonnelle, 2016)	Not associated with the harvested plant part.
INSECT: Diptera: Cecidomyiidae <i>Resseliella</i>	BE, NE (van Tol et al., 2007), FR, GE (Alford, 2014)	(Alford, 2014)	Bark (Alford, 2014)	<b>This is a sporadic pest of fruit trees (Alford, 2014). Eggs are laid in graft slits</b>

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<b><i>oculiperda</i> (Rübsaamen)</b>				<b>or cuts made in the bark of newly budded stock; larvae feed on sap in the cambium for two to three weeks, then pupate in the soil (Alford, 2014; van Tol et al., 2007). We are uncertain about the timing of infestation in relation to harvest; however, it is possible the pest could occur on dormant trees.</b>
INSECT: Diptera: Tephritidae <i>Bactrocera dorsalis</i> (Hendel)	FR (Faré et al., 2021), IT (EPPO, 2018)	(Allwood et al., 2002)	Fruit (Allwood et al., 2002)	Not associated with the harvested plant part. Present in the United States in Hawaii (Wan et al., 2012). Quarantine pest for the continental United States and Puerto Rico (ARM, 2025).
INSECT: Diptera: Tephritidae <i>Ceratitis capitata</i> (Wiedemann)	FR (CABI, 2025), IT (Cristofaro et al., 2007)	(Papadopoulos et al., 2001)	Fruit (Papadopoulos et al., 2001)	Not associated with the harvested plant part. Present in the United States in Hawaii (Liquidó et al., 1990)
INSECT: Diptera: Tephritidae <i>Rhagoletis cerasi</i> (L.)	BE (EPPO, 2025), CAN (Barringer, 2018), FR, GE, IT, NE (Boller and Bush, 1974)	(Boller and Bush, 1974)	Fruit (Boller and Bush, 1974)	Not associated with the harvested plant part. Under official control in the United States (USDA APHIS PPQ, 2021).
INSECT: Hemiptera: Aleyrodidae <i>Aleurocanthus spiniferus</i> (Quaintance)	BE [under eradication] (EPPO, 2022b), IT (Jansen, 2011)	(Jansen, 2011)	Leaves (Nugnes et al., 2020)	Not associated with the harvested plant part. Present in the United States in Hawaii and Puerto Rico (CABI, 2025).
INSECT: Hemiptera: Aleyrodidae <i>Aleyrodes lonicerae</i> Walker	GE (Mound and Halsey, 1978), IT (Eördegh et al., 2003), NE (Jansen, 2011)	(Evans, 2007)	Leaves (Hill, 1987)	Not associated with the harvested plant part. Quarantine pest for the continental United States (ARM, 2025). Present in the United States in Florida (CABI, 2025).
INSECT: Hemiptera: Aleyrodidae <i>Parabemisia myricae</i> (Kuwana)	IT (Evans, 2007), FR (CABI, 2025)	(Evans, 2007)	Leaves (Mound and Halsey, 1978)	Present in the United States in California, Hawaii, and Puerto Rico (CABI, 2025). Quarantine pest for Puerto Rico (ARM, 2025).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<b>INSECT:</b> <b>Hemiptera:</b> <b>Aphididae</b> <i>Brachycaudus amygdalinus</i> (Schouteden)	IT (Russo et al., 1994)	(Russo et al., 1994)	Branches, flowers, leaves (Russo et al., 1994)	Overwinters as eggs in cracks in the bark (Talhouk, 1977a).
INSECT: Hemiptera: Aphididae <i>Brachycaudus prunicola</i> (Kaltenbach)	IT (Cocuzza et al., 2007)	(Nieto Nafria et al., 1984)	Shoots (Vasilev and Andreev, 2015)	Does not overwinter on <i>Prunus</i> (Vasilev and Andreev, 2015).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Aphididae</b> <i>Brachycaudus schwartzi</i> (Börner)	IT (Manachini et al., 2004)	(Stoetzel and Miller, 1998)	Leaves, shoots (Satar and Yokomi, 2002)	Overwinters as eggs on shoots (Alford, 2014). Present the United States in California (Satar and Yokomi, 2002; Stoetzel and Miller, 1998).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Aphididae</b> <i>Hyalopterus amygdali</i> (Blanchard)	IT (Russo et al., 1994)	(Blackman and Eastop, 2000)	Branches, flowers, leaves (Russo et al., 1994)	Overwinters as eggs on shoots (based on biology of <i>H. pruni</i> ) (Alford, 2014).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Aphididae</b> <i>Myzus mumecola</i> (Matsumura)	GE (EPPO, 2022a), IT (Panini et al., 2016)	(Borbély et al., 2021)	Leaves (Borbély et al., 2021)	There is very little information concerning the life cycle of <i>M. mumecola</i> ; it overwinters as eggs on the branches and twigs of host trees (Borbély et al., 2021).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Aphididae</b> <i>Pterochloroides persicae</i> (Cholodkovsky)	FR (ANSES, 2017), IT (Blackman and Eastop, 1994)	(ANSES, 2017; Blackman and Eastop, 2000; de l'Anses, 2017; Mahendiran et al., 2018)	Branches, trunks (Blackman and Eastop, 2000)	Overwinters as eggs on branches and twigs (Blackman and Eastop, 1994; Mahendiran et al., 2018), and therefore, could be present on dormant trees.
INSECT: Hemiptera: Cicadellidae <i>Aguriahana stellulata</i> (Burmeister)	BE, FR (Bagnée, 2003; de Jong et al., 2017), GE (de Jong et al., 2017; Nickel, 2002), IT (Alford, 2014), NE (Gravestain, 1976),	(Alford, 2014; Nickel, 2008; Nickel and Remane, 2002)	Leaves (Alford, 2014)	Not associated with the harvested plant part.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	UK (Claridge and Wilson, 1978)			
INSECT: Hemiptera: Cicadellidae <i>Alebra neglecta</i> Wagner	BE (Lock, 2019), FR, GE, IT (Sicily), NE (den Bieman and Belgers, 2017)	(Lock, 2019)	Leaves (Ellis, 2025)	Overwinters as eggs (den Bieman and Belgers, 2017).
<b>INSECT: Hemiptera: Cicadellidae <i>Alnetoidia alneti</i> (Dahlbom)</b>	<b>BE, CAN (Nova Scotia), FR, GE, IT, NE, UK (Cao et al., 2016)</b>	<b>(Alford, 2014)</b>	<b>Leaves, stems (Alford, 2014)</b>	<b>Overwinters as eggs under the bark of smaller branches and twigs (Alford, 2014) and could therefore be on dormant trees.</b>
INSECT: Hemiptera: Cicadellidae <i>Asymmetrasca decedens</i> (Paoli), syn. <i>Empoasca decedens</i> Paoli	FR (Demir, 2008), GE (Nickel and Remane, 2002), IT (Jacas et al., 1997)	(Jacas et al., 1997)	Leaves, shoots (Jacas et al., 1997)	Eggs are laid on the leaves; adults overwinter away from host plants and return in the spring (Viggiani et al., 1992).
INSECT: Hemiptera: Cicadellidae <i>Austroagallia sinuata</i> (Mulsant & Rey)	IT (Riolo et al., 2006)	(Nahhal et al., 2013)	Leaves (based on general behavior) (Hemmati and Nikooei, 2019)	Not associated with the harvested plant part.
<b>INSECT: Hemiptera: Cicadellidae <i>Cicadella viridis</i> (L.)</b>	<b>BE (Hasbroucq et al., 2020), FR (Germain, 2016), GE (Nickel and Remane, 2003), IT, UK (D'Urso and Ippolito, 1988), NE (Cuppen, 2010)</b>	<b>(Hasbroucq et al., 2020)</b>	<b>Leaves, twigs (Hill, 1987)</b>	<b>Overwinters as eggs that are inserted in the stems of woody hosts (Alford, 2014). Therefore, it could be present on dormant trees. This species is a vector of <i>Xylella fastidiosa</i> (Alford, 2014).</b>
INSECT: Hemiptera: Cicadellidae <i>Edwardsiana crataegi</i> (Douglas), syn. <i>Edwardsiana australis</i> (Froggatt), <i>Typhlocyba froggati</i> Baker	BE (de Jong et al., 2017), FR, GE, NE (Nast, 1972), IT (Mazzoni, 2005), UK (Bleicher et al., 2010)	(Alford, 2014)	Leaves, bark, fruitlet, stems (Alford, 2014)	Eggs overwinter beneath the bark of twigs and small branches (Alford, 2014) and therefore could be present on dormant trees. Present in the continental United States (Christian, 1952).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Hemiptera: Cicadellidae <i>Edwardsiana prunicola</i> (Edwards), syn. <i>Typhlocyba prunicola</i> Edwards	FR, GE, NE (Nast, 1972), IT (Mazzoni, 2005), UK (Bleicher et al., 2010)	(Alford, 2014)	Leaves (Alford, 2014)	Not associated with the harvested plant part.
INSECT: Hemiptera: Cicadellidae <i>Empoasca decipiens</i> Paoli	FR, NE (Nast, 1972), GE (Nickel and Remane, 2002), IT (Mazzoni et al., 2001a), UK (Bleicher et al., 2010)	(Avidov and Harpaz, 1969)	Leaves (Avidov and Harpaz, 1969)	Not associated with the harvested plant part.
INSECT: Hemiptera: Cicadellidae <i>Empoasca vitis</i> (Gothe)	BE (Nast, 1972), FR (Decante and van Helden, 2006), GE (Achtziger et al., 2011), IT (Mazzoni et al., 2001b), NE (Bodingius, 1990), UK (Bleicher et al., 2010)	(Shiraki, 1952)	Leaves (Alford, 2014)	Not associated with the harvested plant part.
INSECT: Hemiptera: Cicadellidae <i>Macrostelus laevis</i> Ribaut	BE, CAN (British Columbia, Yukon Territory), FR, IT, NE, UK (Wilson and Turner, 2010)	(Wilson and Turner, 2010)	Leaves, stems (Bleicher et al., 2010)	This species is present in the United States in Alaska (Wilson and Turner, 2010). Leafhoppers are highly mobile (Alford, 2014) and would not follow the commodity pathway.
INSECT: Hemiptera: Cicadellidae <i>Ribautiana tenerrima</i> (Herrich-Schaeffer)	BE, FR, GE, NE (Nast, 1972), IT (Ponti et al., 2005)	(Alford, 2014)	Leaves (Alford, 2014)	Not associated with the harvested plant part.
INSECT: Hemiptera: Cicadellidae <i>Typhlocyba quercus</i> (F.)	<b>BE, FR, GE, NE (Nast, 1972), IT (Mazzoni, 2005)</b>	<b>(Alford, 2014; Mulla, 1957; Mulla and Madsen, 1955)</b>	<b>Leaves, bark (Mulla and Madsen, 1955)</b>	<b>Overwinters as eggs under bark (Mulla and Madsen, 1955). Therefore, it is possible that this species could be present on dormant cuttings and follow the pathway. Present in and non-quarantine for the continental United</b>

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
				<b>States (ARM, 2025; Mulla and Madsen, 1955). Uncategorized for Hawaii, and Puerto Rico (ARM, 2025).</b>
INSECT: Hemiptera: Cicadellidae <i>Zygina flammigera</i> (Fourcroy)	BE, FR, GE, NE (Nast, 1972), IT (Viggiani et al., 1992)	(Alford, 2014)	Leaves (Alford, 2014)	Not associated with the harvested plant part.
INSECT: Hemiptera: Cicadellidae <i>Zygina schneideri</i> Gunthart	BE (Lock, 2019), NE (den Bieman and van Klink, 2015)	(Lock, 2019)	Leaves (Ellis, 2025)	Not associated with the harvested plant part.
INSECT: Hemiptera: Coccidae <i>Ceroplastes japonicus</i> Green	FR (Foldi and Germain, 2018), GE (Schönfeld, 2015), IT (Kozar et al., 1984), NE (den Bieman and van Klink, 2015)	(García Morales et al., 2016)	Leaves, stems (Masten-Milek et al., 2007)	<b>Adult females overwinter on host plants (Masten- Milek et al., 2007).</b>
INSECT: Hemiptera: Coccidae <i>Ceroplastes rubens</i> Maskell	GE (Schönfeld, 2015), NE (Fetyko and Kozar, 2012)	(Ben-Dov, 1993; Dekle, 2008)	Branches (Hamon and Williams, 1984), leaves, stems (Dekle, 2008), fruit (CABI, 2025)	<b>Adult females can overwinter on stems and branches of host plants (Hamon and Williams, 1984); therefore, it could be present on dormant trees. Present in Florida, Hawaii, and Puerto Rico (CABI, 2025; García Morales et al., 2016). Quarantine pest for the continental United States (ARM, 2025).</b>
INSECT: Hemiptera: Coccidae <i>Ceroplastes rusci</i> (L.)	FR, NE, UK (García Morales et al., 2016), IT (Pellizzari et al., 2010)	(García Morales et al., 2016)	Leaves, stems (Pellizzari et al., 2010)	<b>Adult females overwinter on the twigs of its hosts (Hamon and Mason, 2014). Present in the United States in Florida and Puerto Rico (García Morales et al., 2016). Quarantine pest for Hawaii, non-quarantine for the continental United States and Puerto Rico (ARM, 2025).</b>

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
INSECT: Hemiptera: Coccidae <i>Ceroplastes sinensis</i> Del Guercio	FR, IT, NE (García Morales et al., 2016)	(García Morales et al., 2016)	Leaves, branches (EPPO, 2003)	Overwinters as adult females or second-third instar nymphs (EPPO, 2003; Stathas et al., 2003). Present in the United States in California, North Carolina, Pennsylvania, and Virginia (García Morales et al., 2016). Non-quarantine pest for the continental United States, but quarantine for Hawaii and uncategorized for Puerto Rico (ARM, 2025).
INSECT: Hemiptera: Coccidae <i>Eulecanium ciliatum</i> (Douglas)	FR, GE, UK (García Morales et al., 2016), NE (Jansen, 1999)	(García Morales et al., 2016)	Leaves, stems, branches (Ulgenturk and Toros, 1999).	Overwinters on stems and branches (Ulgenturk and Toros, 1999).
INSECT: Hemiptera: Coccidae <i>Eulecanium tiliae</i> (L.)	CAN, FR, GE, IT, NE, UK (García Morales et al., 2016)	(Alford, 2014; García Morales et al., 2016)	Leaves, branches (Alford, 2014)	Overwinters as second instar nymphs on twigs and branches (Alford, 2014). Present in the continental United States (García Morales et al., 2016). Non-quarantine pest for the continental United States; uncategorized for Hawaii and Puerto Rico (ARM, 2025).
INSECT: Hemiptera: Coccidae <i>Filippia follicularis</i> (Targioni Tozzetti)	FR (García Morales et al., 2016), IT (Ben-Dov, 1975)	(García Morales et al., 2016)	Leaves, shoots (Mansour et al., 2011)	Overwinters as third instar nymphs on twigs (Longo, 1986).
INSECT: Hemiptera: Coccidae <i>Lichtensia viburni</i> Signoret	FR, GE, IT, UK (García Morales et al., 2016), NE (Jansen, 2009)	(García Morales et al., 2016)	Leaves, shoots (García Morales et al., 2016)	Scale insects are attached to the plant material, and are small and cryptic (Saccaggi and Pieterse, 2013).
INSECT: Hemiptera: Coccidae <i>Palaeolecanium bituberculatum</i> (Signoret)	FR, GE, NE, UK (García Morales et al., 2016), IT (Ben-Dov, 1993)	(García Morales et al., 2016)	Leaves, shoot, branches (Özgökçe et al., 1999)	Overwinters as mated females on shoots and branches (Özgökçe et al., 1999).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<b>INSECT:</b> <b>Hemiptera:</b> <b>Coccidae</b> <i>Parthenolecanium rufulum</i> (Cockerell)	FR, GE, IT, UK (García Morales et al., 2016), NE (Jansen, 1999)	(García Morales et al., 2016)	Leaves (based on general biology of this species) (Rainato and Pellizzari, 2009)	Overwinters as second instar nymphs on twigs (Rainato and Pellizzari, 2009).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Coccidae</b> <i>Pulvinaria regalis</i> Canard	FR, GE, NE, UK (García Morales et al., 2016)	(García Morales et al., 2016)	Leaves, twigs (Hippe and Frey, 1999)	Overwinters as third instar nymphs on twigs (Hippe and Frey, 1999).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Coccidae</b> <i>Rhizopulvinaria artemisiae</i> (Signoret)	FR, GE (García Morales et al., 2016), IT (Mazzeo et al., 2016)	(Moghaddam, 2013)	Roots (García Morales et al., 2016)	Not associated with the harvested plant part.
<b>INSECT:</b> <b>Hemiptera:</b> <b>Coccidae</b> <i>Sphaerolecanium prunastri</i> (Boyer de Fonscolombe)	BE, FR, GE (García Morales et al., 2016), IT (Pellizzari, 2011)	(García Morales et al., 2016)	Shoot, branches, trunks (Japoshvili et al., 2008)	Overwinter as second instar nymphs (Alford, 2014). Present in the United States in Maryland, New Jersey, New York, and Pennsylvania (García Morales et al., 2016).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Coccidae</b> <i>Takahashia japonica</i> (Cockerell)	BE (FASFC, 2025), IT (Limonta and Pellizzari, 2018), UK (García Morales et al., 2016)	(Limonta and Pellizzari, 2018)	Trunks, branches (Limonta and Pellizzari, 2018)	Nymphs overwinter on twigs, and branches [based on biology on other hosts] (Limonta and Pellizzari, 2018).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Diaspididae</b> <i>Aulacaspis tubercularis</i> Newstead	IT, NE (García Morales et al., 2016)	(García Morales et al., 2016)	Leaves, branches, stems (Van Halteren, 1970)	Scale insects are attached to the plant material, small, and cryptic (Saccaggi and Pieterse, 2013). Present in Florida, Puerto Rico, and the U.S. Virgin Islands (García Morales et al., 2016). Quarantine for Hawaii, Guam, Northern Mariana Islands, and American Samoa; non-quarantine for the continental United States and Puerto Rico (ARM, 2025).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Hemiptera: Diaspididae <i>Chrysomphalus pinnulifer</i> (Maskell)	IT (García Morales et al., 2016)	(García Morales et al., 2016)	Leaves (García Morales et al., 2016)	Not associated with the harvested plant part.
INSECT: Hemiptera: Diaspididae <i>Diaspidiotus lenticularis</i> (Lindinger)	FR, IT (García Morales et al., 2016)	(García Morales et al., 2016)	Twigs (García Morales et al., 2016)	Scale insects are attached to the plant material, and are small and cryptic (Saccaggi and Pieterse, 2013).
INSECT: Hemiptera: Diaspididae <i>Diaspidiotus marani</i> (Zahradnik), syn. <i>Quadraspidiotus marani</i> Zahradnik	BE (Bachmann, 1953), FR, GE, IT, NE (García Morales et al., 2016)	(García Morales et al., 2016)	Stems, branches, trunks (Alford, 2014)	Scale insects are attached to the plant material, and are small and cryptic (Saccaggi and Pieterse, 2013). Mated females overwinter on the branches and trunks (Alford, 2014).
INSECT: Hemiptera: Diaspididae <i>Diaspidiotus pyri</i> (Lichtenstein), syn. <i>Quadraspidiotus pyri</i> (Lichtenstein)	BE, FR, GE, IT, NE, UK (García Morales et al., 2016)	(García Morales et al., 2016)	Branches (García Morales et al., 2016)	Scale insects are attached to the plant material and are small and cryptic (Saccaggi and Pieterse, 2013). Nymphs overwinter on the trunks and branches (Alford, 2014).
INSECT: Hemiptera: Diaspididae <i>Melanaspis inopinata</i> (Leonardi)	IT (de Lillo and Porcelli, 1993; García Morales et al., 2016)	(García Morales et al., 2016; Sisman and Ulgenturk, 2010)	Branches, flowers, fruit, leaves, twigs (Mehrnejad, 2020)	Scale insects are attached to the plant material, and are small and cryptic (Saccaggi and Pieterse, 2013).
INSECT: Hemiptera: Diaspididae <i>Suturaspis archangelskyae</i> (Lindinger)	IT (Porcelli and Frisullo, 1998)	(Porcelli and Frisullo, 1998)	Bark (Porcelli, 1990)	Scale insects are attached to the plant material, and are small and cryptic (Saccaggi and Pieterse, 2013).
INSECT: Hemiptera: Dictyopharidae <i>Dictyophara europaea</i> (L.)	BE (Lodos and Kalkandelen, 1980), FR (Jaraus et al., 2001a), GE (Mühlethaler et al.,	(Lodos and Kalkandelen, 1980)	Stems (Lessio and Alma, 2008)	Not associated with the harvested plant part. Overwinters as eggs in the soil (Krstić et al., 2016).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	2015), IT (Lessio and Alma, 2008)			
<b>INSECT:</b> <b>Hemiptera:</b> <b>Issidae</b> <i>Agalmatium flavescens</i> (Olivier)	<b>FR, IT (Lodos and Kalkandelen, 1981)</b>	<b>(Lodos and Kalkandelen, 1981)</b>	<b>Branches, stems (Lodos and Kalkandelen, 1981)</b>	<b>Adults and nymphs feed externally on young shoots during the summer, and eggs are laid in mud chambers on branches (Lodos and Kalkandelen, 1981).</b>
<b>INSECT:</b> <b>Hemiptera:</b> <b>Miridae</b> <i>Apolygus spinolae</i> (H. Meyer-Dür)	<b>BE (Bosmans and Aukema, 2000), FR (Callot, 2017), GE (Kallenborn, 2006), IT (Limonta et al., 2022), NE (Aukema and Hermes, 2009), UK (Ryan, 2012)</b>	<b>(Lee et al., 2002)</b>	<b>Buds, leaves, fruitlets, stems (Alford, 2014)</b>	<b>Overwinters as eggs within the buds and stems of its host plants (Alford, 2014).</b>
<b>INSECT:</b> <b>Hemiptera:</b> <b>Miridae</b> <i>Closterotomus fulvomaculatus</i> (De Geer)	<b>BE, FR, GE (de Jong et al., 2017; GBIF, 2025), IT (Norbiato et al., 2019), NE (Aukema, 2013; Colijn and van Loon, 2016; Cuppen, 2009), UK (Ryan, 2012)</b>	<b>(Alford, 2014)</b>	<b>Leaves, fruitlets, shoots, soft dead wood (Alford, 2014)</b>	<b>This plant bug feeds externally on leaves, fruitlets, and shoots, and scurries away if disturbed; it deposits eggs in soft dead wood (Alford, 2014).</b>
<b>INSECT:</b> <b>Hemiptera:</b> <b>Monophlebidae</b> <i>Gueriniella serratulae</i> (F.)	<b>FR, IT (García Morales et al., 2016)</b>	<b>(García Morales et al., 2016)</b>	<b>Trunks, large branches (Alford, 2014)</b>	<b>Eggs are laid in the summer on bark and hatch a few weeks later (Alford, 2014).</b>
<b>INSECT:</b> <b>Hemiptera:</b> <b>Monophlebidae</b> <i>Icerya seychellarum</i> (Westwood)	<b>FR, IT (García Morales et al., 2016)</b>	<b>(García Morales et al., 2016)</b>	<b>Leaves, fruit, branches, stems (Appert, 1972)</b>	<b>Present in American Samoa (CABI, 2025).</b>
<b>INSECT:</b> <b>Hemiptera:</b> <b>Oxycarenidae</b> <i>Oxycareus hyalinipennis</i> (Costa)	<b>FR (Moulet, 1990), IT (Porcelli and Palmieri, 1996)</b>	<b>(Avidov and Harpaz, 1969)</b>	<b>Branches, trunks (Kirkpatrick, 1923), fruit (Avidov and Harpaz, 1969)</b>	<b>Overwintering sites include branches and trunks of trees (Kirkpatrick, 1923). Present in Puerto Rico and the U.S. Virgin Islands (CABI, 2025).</b>

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<b>INSECT:</b> <b>Hemiptera:</b> <b>Oxycarenidae</b> <i>Oxycarenus lavaterae</i> (F.)	<b>FR (EPPO, 2025; Simov et al., 2012), GE (Hanselmann, 2016), IT (Ciampolini and Trematerra, 1986; Viggiani, 1991), NE (Akkermans and Vergoossen, 2020)</b>	<b>(Ciampolini and Trematerra, 1986; Viggiani, 1991)</b>	<b>Branches, trunks (Simov et al., 2012), stems (Ciampolini and Trematerra, 1986), fruit (Viggiani, 1991)</b>	<b>Overwinters on the trunks and branches of its hosts (Simov et al., 2012).</b>
<b>INSECT:</b> <b>Hemiptera:</b> <b>Pentatomidae</b> <i>Dolycoris baccarum</i> (L.)	BE (Dethier et al., 2003), FR (Lupoli, 1994), GE (Tymann, 2020), IT (Zandigiaco, 1990), NE (Vorst and Cuppen, 2002), UK (Malumphy et al., 2021)	(Yang et al., 2019)	Leaves (Alford, 2014), fruit (Kim et al., 1997)	Overwinters as adults in the leaf litter at the base of host plants (Mutlu et al., 2018).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Pentatomidae</b> <i>Halyomorpha halys</i> Stål	BE (Claerebout et al., 2018), CAN (Gariepy et al., 2014), FR (Gariepy et al., 2015), GE (Heckmann, 2012), IT (Bariselli et al., 2016), NE (Aukema et al., 2019), UK (Powell et al., 2021)	(Zakharchenko et al., 2020)	Fruit (Zakharchenko et al., 2020)	Not associated with the harvested plant part. Present in and non-quarantine for the continental United States, but quarantine for Hawaii, Puerto Rico and the U.S. Virgin Islands (ARM, 2025).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Pentatomidae</b> <i>Piezodorus lituratus</i> (F.)	IT (Gentry, 1965)	(Gentry, 1965; Korkmaz and Yildirim, 2021)	Fruit, leaves, seeds (Korkmaz and Yildirim, 2021)	Overwinters at the base of host plants (Bech, 1978).
<b>INSECT:</b> <b>Hemiptera:</b> <b>Pseudococcidae</b> <i>Phenacoccus peruvianus</i> Granara de Willink	<b>FR, UK (García Morales et al., 2016), IT (von Ellenrieder et al., 2020)</b>	<b>(von Ellenrieder et al., 2020)</b>	<b>Leaves, twigs (von Ellenrieder et al., 2020)</b>	<b>This species overwinters on its host plants (Beltrà et al., 2013). Recently detected in California (von Ellenrieder et al., 2020). Quarantine for Hawaii and Puerto Rico; non-quarantine for the continental United States (ARM, 2025).</b>

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Hemiptera: Psyllidae <i>Cacopsylla pruni</i> (Scopoli)	BE (Baugnée, 2003), FR (Labonne and Lichou, 2004), NE (den Bieman et al., 2019)	(Labonne and Lichou, 2004)	Shoots (Labonne and Lichou, 2004)	Overwinters on alternate non- <i>Prunus</i> hosts (Labonne and Lichou, 2004).
INSECT: Hemiptera: Psyllidae <i>Cacopsylla pyrisuga</i> (Foerster)	FR (Burckhardt and Hodkinson, 1986), GE (CABI, 2025; Czarnobai De Jorge et al., 2024), IT (Tedeschi et al., 2008), NE (den Bieman et al., 2019), UK (CABI, 2025; Civolani et al., 2023)	(Hua, 2000)	Leaves, buds, shoots (Alford, 2014)	Overwinters as an adult on conifer species away from its host plants (Čermák and Lauterer, 2008).
INSECT: Hemiptera: Ricaniidae <i>Ricania shantungensis</i> Cho & Lu, syn. <i>Pochazia shantungensis</i> (Cho & Lu)	FR (Bourgoin et al., 2020), IT (Stroiński et al., 2022), NE (den Bieman et al., 2024)	(Kim et al., 2015)	Young branches (EPPO, 2021)	Overwinters as eggs that are inserted into young branches (EPPO, 2021).
INSECT: Hemiptera: Ricaniidae <i>Ricania speculum</i> (Walker)	IT (Rossi and Lucchi, 2015)	(Rossi and Lucchi, 2015)	Leaves, stems, twigs (Hill, 1983)	Nymphs overwinter on branches (Rossi and Lucchi, 2015).
INSECT: Hemiptera: Tingidae <i>Monosteira uncostata</i> (Mulsant & Rey)	CAN (Scudder, 2012), FR (Péricart, 1983), IT (Russo et al., 1994)	(Russo et al., 1994; Sánchez-Ramos et al., 2017)	Leaves (Roversi and Monteforte, 2005), bark (Sánchez-Ramos et al., 2017)	Overwinter as adults in cracks of tree bark or in soil debris; eggs are laid on leaves (Sánchez-Ramos et al., 2017).
INSECT: Hemiptera: Tingidae <i>Stephanitis pyri</i> (F.)	BE (Bangels and Belien, 2013), FR (Noblecourt, 2018), GE (Liston, 2006), IT (Pedata et al., 2013), NE (Burggraaf-van	(Avidov and Harpaz, 1969; Pedata et al., 2013)	Leaves, bark (Avidov and Harpaz, 1969)	Adults overwinter in bark crevices on branches of its hosts (Avidov and Harpaz, 1969).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<b>Nierop and van Achterberg, 1990)</b>				
INSECT: Hymenoptera: Argidae <i>Sterictiphora angelicae</i> (Panzer)	BE (Boeve et al., 2009), GE (Jacobs, 2016)	(Boeve et al., 2009)	Leaves (Ellis, 2025)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Eurytomidae <i>Eurytoma amygdali</i> Enderlein	FR (Duval and Millan, 2010)	(Duval and Millan, 2010)	Fruit (Duval and Millan, 2010)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Pamphiliidae <i>Neurotoma nemoralis</i> (L.)	BE (Liston, 1995), IT, NE (van Achterberg and van Aartsen, 1986)	(Andreev and Kutinkova, 2010)	Leaves (Andreev and Kutinkova, 2010)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Pamphiliidae <i>Pamphilus sylvaticus</i> (L.)	BE (Liston, 1995), NE (van Achterberg and van Aartsen, 1986)	(Liston, 1995)	Leaves (Zirngiebl, 1940)	Not associated with the harvested plant part.
<b>INSECT: Hymenoptera: Siricidae <i>Tremex fuscicornis</i> (F.)</b>	<b>FR (Chevin, 1986), GE (Blank et al., 1998a), IT (Isebrands and Richardson, 2014), NE (Witmond, 1999)</b>	<b>(Isebrands and Richardson, 2014)</b>	<b>Trunks (Isebrands and Richardson, 2014), branches (Baldini, 2002)</b>	<b>This species typically attacks the trunk of stressed or weakened trees, but it has been observed to attack the upper branches of seemingly healthy trees (Baldini, 2002). It overwinters as pupae inside the wood at a depth of 4 cm (Ciesla, 2003b).</b>
INSECT: Hymenoptera: Tenthredinidae <i>Hoplocampa flava</i> (L.)	BE (Magis, 1988), FR (Chevin and Barbier, 1980; Savina et al., 2013), GE (Jansen et al., 2018), IT (Molinari et al., 1995a), UK (Liston et al., 2014; Miles et al., 1933)	(Chevin and Barbier, 1980)	Fruit (Miles et al., 1933), flowers (Molinari et al., 1995a)	Overwinters as larvae in the soil (Miles et al., 1933).
INSECT: Hymenoptera: Tenthredinidae <i>Hoplocampa minuta</i> (Christ)	BE, NE (Liston, 1995), FR (Noblecourt, 1996), GE (Jansen et al., 2018), IT	(Perju et al., 1994)	Fruit (Perju et al., 1994)	Overwinters as larvae in the soil (Harukawa, 1924).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	(Caruso and Cera, 2004)			
INSECT: Hymenoptera: Tenthredinidae <i>Nematus lucidus</i> (Panzer)	BE (Liston, 1995), IT (Burgio et al., 2015), NE (Zwakhals and Blommers, 2022)	(Liston and Späth, 2005)	Leaves (Ellis, 2025)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Tenthredinidae <i>Pareophora pruni</i> (L.)	BE (Liston, 1995), NE (Thomas, 1985)	(Liston, 1995)	Leaves (Ellis, 2025)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Tenthredinidae <i>Pristiphora biscalis</i> (Förster)	NE (Blommers and Mol, 2019)	(Blommers and Mol, 2019)	Leaves (Blommers and Mol, 2019)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Tenthredinidae <i>Pristiphora monogyniae</i> (Hartig)	NE (Blommers and Mol, 2019)	(Blommers and Mol, 2019)	Leaves (Blommers and Mol, 2019)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Tenthredinidae <i>Pristiphora retusa</i> (Thomson)	BE (Liston, 1995), NE (Blommers and Mol, 2019)	(Liston, 1995)	Leaves (Ellis, 2025)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Tenthredinidae <i>Rhogogaster punctulata</i> (Klug)	BE (Liston, 1995)	(Liston, 1995)	Leaves (Ellis, 2025)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Tenthredinidae <i>Tenthredo ferruginea</i> Schrank	BE (Liston, 1995), NE (Koomen, 1994), UK (Lawton et al., 1987)	(Liston, 1995)	Leaves (Ellis, 2025)	Not associated with the harvested plant part.
INSECT: Hymenoptera: Vespidae <i>Vespa orientalis</i> L.	IT (Bressi et al., 2019)	(Darchen, 1964)	Fruit, bark (Gentry, 1965)	<i>Vespa orientalis</i> is an external feeder that is highly mobile and unlikely to stay with the commodity.
INSECT: Lepidoptera: Buccalatricidae <i>Bucculatrix bechsteinella</i>	<b>Widely distributed in Europe (Alford, 2014), BE, FR (de Jong et al., 2017),</b>	<b>(Alford, 2014; Ellis, 2025)</b>	<b>Leaves (Alford, 2014; Ellis, 2025)</b>	<b>Mine leaves as larvae but overwinter in cocoons on host plants or on the ground (Alford, 2014).</b>

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<b>(Bechstein &amp; Scharfenberg), syn. <i>Bucculatrix crataegi</i> Zeller</b>	<b>GE (Blank et al., 1998b; Richert, 2020), IT (Baldizzone and Scalercio, 2018), NE (Kuchlein and Bot, 2010)</b>			
INSECT: Lepidoptera: Coleophoridae <i>Coleophora hemerobiella</i> (Scopoli)	BE, FR, GE, NE (Baldizzone, 1996), IT (Pinzari et al., 2010), UK (Claridge and Wilson, 1982)	(Alford, 2014; Carter, 1984)	Leaves (Alford, 2014; Carter, 1984), fruit (Alford, 2014)	This leafminer has a two-year life cycle. Larvae pass their first winter within leaf mines, then move into portable, pistol-shaped cases on the plant to overwinter for a second time (Alford, 2014). Although the larval cases may be present on dormant trees, they are likely large enough to be found during harvest and unlikely to follow the pathway.
INSECT: Lepidoptera: Coleophoridae <i>Coleophora violacea</i> (Ström)	BE (De Prins, 2010), FR (Baldizzone, 1996), GE (Karisch et al., 2016), IT (Baldizzone, 1984), NE (Huisman et al., 2013), UK (Claridge and Wilson, 1982)	(Alford, 2014; Claridge and Wilson, 1982)	Leaves, stems (Alford, 2014)	Larvae overwinter in 5.5-6.5 mm long cases made of leaves, which may be attached to branches (Alford, 2014). Although the larval cases may be present on dormant trees, they are likely large enough to be found during harvest and unlikely to follow the pathway.
INSECT: Lepidoptera: Cossidae <i>Cossus cossus</i> L.	BE (De Prins, 2016), FR (Bigot, 1959), GE (Karisch et al., 2016), IT (Bendazzi and Pezzi, 2019; Faniano and Zinetti, 2010; Teobaldelli, 2017), NE (Moraal, 1999), UK (Carter, 1984; Plant et al., 2019)	(Alford, 2014; Bratti et al., 1987; Carter, 1984)	Trunks (Carter, 1984), branches (Gavioli, 1984), shoots (Alford, 2014)	Eggs are laid on tree trunks in batches of up to 50. Larvae overwinter in galleries within the tree; their development takes three to four years. Pupation occurs just beneath the bark. Larvae normally confine their attacks to the trunks of mature trees, rarely infesting branches or shoots. Attacks in orchards are uncommon and usually confined to one or two trees, which are killed (Alford, 2014).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Lepidoptera: Crambidae <i>Ostrinia nubilalis</i> (Hübner)	BE (De Prins, 2016), CAN (Smith et al., 2019), FR (Pélozuelo et al., 2004), GE (Schorling and Freier, 2006), IT (Bendazzi and Pezzi, 2019), NE, UK (CABI, 2025)	(Alford, 2014)	Fruit, shoots (Alford, 2014; Weires and Straub, 1982)	See notes in section 2.2.  Present in the continental United States (CABI, 2025). Quarantine pest for Hawaii, non-quarantine for the continental United States and Puerto Rico (ARM, 2025).
INSECT: Lepidoptera: Erebidae <i>Dasychira pudibunda</i> (L.), syn. <i>Calliteara pudibunda</i> (L.)	BE, FR, GE, NE (Schintlmeister, 1996b), IT (CABI, 2025; Teobaldelli, 1994), UK (CABI, 2025; Carter, 1984)	(Alford, 2014; Carter, 1984)	Leaves (Alford, 2014; Carter, 1984)	Not associated with the harvested plant part.
INSECT: Lepidoptera: Erebidae <i>Euproctis similis</i> (Fuessly), syn. <i>Sphrageidus similis</i> (Fuessly)	BE (De Prins, 2016), FR (Carter, 1984), GE (Groß and Zub, 2012), IT (Carter, 1984; Pinzari et al., 2010), NE (van Asseldonk et al., 2016), UK (Leather, 1991)	(Alford, 2014; Carter, 1984)	Leaves, twigs (Carter, 1984), bark (Alford, 2014)	Overwinters as larvae under the bark (Alford, 2014).
INSECT: Lepidoptera: Erebidae <i>Lymantria dispar</i> (L.)	BE (Jansen, 2005), CAN (Hennigar et al., 2007), FR (Gruber et al., 1978; Roy et al., 1995), GE (Keena et al., 2008), IT (Contarini, 1997), NE (Moraal, 1999), UK (Cannon et al., 2004; Shaw and Skelton, 2008)	(Alford, 2014; Campbell and Sloan, 1977)	Leaves, bark (Campbell and Sloan, 1977), buds, young shoots, fruitlets (Alford, 2014)	Eggs are laid in large batches on the bark where they overwinter (Alford, 2014).  Present in the continental United States and under official control (7 CFR § 301.45, 2017).
INSECT: Lepidoptera: Erebidae <i>Lymantria monacha</i> L.	BE (De Prins, 2016), FR (Gruber et al., 1978), GE (Altenkirch,	(Nakládál and Brinkeová, 2015)	Bark, leaves (Alford, 2014; Carter, 1984)	The species lay eggs on host bark and branches where they overwinter (Alford, 2014; Carter, 1984).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	1986), IT (Cescatti and Battisti, 1992), NE (Grijpma et al., 1986), UK (Carter, 1984)			
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Gelechiidae</b> <i>Parachronistis albiceps</i> (Zeller)	BE (De Prins, 2016), FR (Zhang, 1994), GE (Richert, 2020; ZSM/SNSB, 2023), NE (Huisman and Koster, 2000)	(Carter, 1984)	Buds (Carter, 1984)	Larvae are found in buds (Carter, 1984).
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Geometridae</b> <i>Abraxas grossulariata</i> (L.)	IT (Rina and Parenzan, 1980), NE (Koopman, 1996)	(Leather, 1996a)	Leaves (Leather, 1996a)	Overwinters as larvae in sheltered areas, including on host plants (Alford, 2014).
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Geometridae</b> <i>Agriopsis marginaria</i> (F.)	IT (Bella et al., 2018)	(Leather, 1991)	Leaves (Alford, 2014)	Not associated with the harvested plant part. Overwinters as pupae in the soil (Alford, 2014).
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Geometridae</b> <i>Apocheima hispidaria</i> (Denis & Schiffermüller)	FR (Lévêque et al., 2012), GE (Laussmann et al., 2021), IT (Parenzan et al., 1998), NE (van Asseldonk et al., 2016), UK (Welch and Greatorex-Davies, 1993)	(Leather, 1991)	Leaves (Alford, 2014)	Not associated with the harvested plant part. Overwinters as pupae in the soil (Alford, 2014).
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Geometridae</b> <i>Epirrita dilutata</i> (Denis & Schiffermüller)	BE (De Smedt et al., 2019), FR (Aberlenc, 2010), IT (King and González-Estébanez, 2015), NE (Colijn and van Loon, 2016), UK (Hicks, 2022)	(Leather, 1991)	Leaves (Alford, 2014)	Overwinters as eggs on its host plant (Alford, 2014).
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Geometridae</b>	BE (De Prins, 2016), CAN (Ciesla, 2003a), FR (Abgrall,	(Carter, 1984)	Leaves, bark (Carter, 1984), buds (Alford, 2014)	Eggs are laid in the crevices of the bark (Alford, 2014).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<i>Erannis defoliaria</i> (Clerck), syn. <i>Phalaena defoliaria</i> Clerck	1994), GE (Kuehne et al., 2013), IT (King and González-Estébanez, 2015), NE (Moraal, 1999), UK (Carter, 1984)			
INSECT: Lepidoptera: Geometridae <i>Opisthograptis luteolata</i> (L.)	FR (Lévêque et al., 2012), GE (Jagel and Mittemeyer, 2021), IT (Greco et al., 2019), NE (Rijsdijk et al., 2008), UK (Wickramasinghe et al., 2004)	(Alford, 2014; Nunes, 2021)	Leaves (Alford, 2014)	Not associated with the harvested plant part.
INSECT: Lepidoptera: Geometridae <i>Ourapteryx sambucaria</i> (L.)	BE (Gruwier, 2019), FR (Schall, 1988), IT (Raineri and Delmastro, 2004), NE (van Asseldonk et al., 2016), UK (Fox et al., 2021)	(Leather, 1991)	Leaves (Alford, 2014)	Overwinters as larvae and resumes feeding in the spring (Alford, 2014). No information was found concerning the location of the overwintering site.
INSECT: Lepidoptera: Geometridae <i>Pasiphila rectangulata</i> L., syn. <i>Chloroclystis rectangulata</i> (L.)	BE (De Prins, 2016), CAN (Maier, 2002), FR (Mellier and Rouillard, 2015), GE (Maier, 2005), IT (Parenzan et al., 1998), NE (van Asseldonk et al., 2016), UK (Welch and Greatorex-Davies, 1993)	(Maier, 2002)	Leaves, flowers, buds (Maier, 2002)	Overwinters as eggs near the buds (Maier, 2002) or in bark crevices (Carter, 1984).  Present in the continental United States (LaGasa et al., 1999; Maier, 2002). Quarantine pest for Hawaii and Puerto Rico, and non-quarantine for the continental United States (ARM, 2025).
INSECT: Lepidoptera: Geometridae <i>Phigalia pilosaria</i> (Denis & Schiffermüller), syn.: <i>Apocheima pilosaria</i> (Denis & Schiffermüller)	BE, FR, GE, NE (Muller, 1996), IT (King and González-Estébanez, 2015; Pinzari et al., 2010), UK (CABI, 2025)	(Alford, 2014)	Leaves (Alford, 2014)	Larvae feed in summer and pupate in the soil (Alford, 2014).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Lepidoptera: Geometridae <i>Theria primaria</i> (Haworth)	BE (Steeman, 2024), IT (Fiumi and Campri, 2020)	(Carter, 1984)	Leaves (Alford, 2014)	Not associated with the harvested plant part. Overwinters as pupae in the soil (Alford, 2014).
INSECT: Lepidoptera: Gracillariidae <i>Parornix torquillella</i> (Zeller)	IT (Triberti and Braggio, 2010)	(Triberti and Braggio, 2010)	Leaves (Alford, 2014)	Pupation takes place in a folded leaf on the tree or in the leaf litter (Alford, 2014).
INSECT: Lepidoptera: Gracillariidae <i>Phyllonorycter leucographella</i> (Zeller)	BE, FR, GE, NE (Alford, 2014; Buszko, 1996), IT, UK (CABI, 2025)	(Alford, 1973)	Leaves (Alford, 1973)	Not associated with the harvested plant part.
INSECT: Lepidoptera: Lasiocampidae <i>Gastropacha quercifolia</i> (L.)	BE (de Jong et al., 2017; De Prins, 2007), FR (de Jong et al., 2017; GBIF, 2025), GE (Erlacher et al., 2008; ZSM/SNSB, 2023), IT (Bibolini, 1960), NE (Flint, 1964), UK (Carter, 1984)	(Alford, 2014; Bibolini, 1960)	Leaves, flowers (Bibolini, 1960), twigs (Carter, 1984)	Larvae overwinter on twigs (Carter, 1984) while still relatively small (Alford, 2014).
INSECT: Lepidoptera: Lasiocampidae <i>Malacosoma neustria</i> (L.)	BE (De Prins, 2016), FR (CABI, 2025; Schintlmeister, 1996a), GE (Geissen, 2000), IT (Liotta and Maniglia, 1994), NE (van Asseldonk et al., 2016), UK (Carter, 1984)	(Carter, 1984; Liotta and Maniglia, 1994)	Leaves, twigs (Carter, 1984)	Overwinters as eggs on twigs of its host plants (Carter, 1984).
INSECT: Lepidoptera: Lasiocampidae <i>Odonestis pruni</i> (L.)	IT (Parenzan, 1995)	(Thiele, 1998)	Leaves (Alford, 2014)	Overwinter as larvae on branches (Alford, 2014).
INSECT: Lepidoptera: Lasiocampidae	IT (Bella et al., 2018)	(Alford, 2014)	Leaves, shoots (Alford, 2014)	Overwinters as eggs that are laid in batches on the

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
<i>Trichiura crataegi</i> (L.)				shoots of hosts (Alford, 2014).
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Lyonetiidae</b> <i>Leucoptera malifoliella</i> (Costa), syn. <i>Leucoptera scitella</i> Zeller	<b>BE (De Prins, 2016), FR (Severac and Siegwart, 2013), GE (Mey, 1988), IT (Faccioli et al., 1990), NE (Ellis, 2025; Jansen, 2008), UK (CABI, 2025; Carter, 1984; EPPO, 2025)</b>	<b>(Bajec et al., 2009)</b>	<b>Leaves (Bajec et al., 2009), bark (Alford, 2014)</b>	<b>Pupates in the cracks of the bark of its hosts (Alford, 2014).</b>
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Lyonetiidae</b> <i>Lyonetia clerkella</i> (L.)	BE, FR (Baraniak, 1996), GE (Steuer, 1984), IT (Pinzari et al., 2010), NE (Gruys, 1980; Markó et al., 2008; Meijer et al., 2012), UK (Carter, 1984; Plant et al., 2019; Robinson et al., 2025)	(Alford, 2014; Ellis, 2025)	Bark, leaves (Alford, 2014; Carter, 1984)	Adults hibernate under loose bark (Alford, 2014) but would likely be seen and removed at harvest.
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Nepticulidae</b> <i>Stigmella plagicolella</i> (Stainton)	BE, FR, NE (van Nieukerken, 1996), GE (Karisch et al., 2016), IT (Triberti and Braggio, 2010)	(Alford, 2014; Triberti and Braggio, 2010)	Leaves (Alford, 2014)	Overwinter as pupae on the ground (Alford, 2014).
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Noctuidae</b> <i>Acronicta psi</i> (L.)	<b>BE (De Prins, 2016), FR (Luque et al., 2007), GE (Groß and Zub, 2012), IT (Zahm, 2012), NE (van Asseldonk et al., 2016), UK (Carter, 1984; Leather, 1991; Plant et al., 2019)</b>	<b>(Alford, 2014; Carter, 1984)</b>	<b>Leaves, bark (Carter, 1984)</b>	<b>Overwinters as pupae in the cracks of the bark of its hosts (Alford, 2014; Carter, 1984); therefore, this species could be on dormant trees.</b>
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Noctuidae</b> <i>Acronicta rumicis</i> (L.)	BE (De Prins, 2016), FR (Nowacki and Fibiger, 1996), GE (Trusch et al.,	(Alford, 2014; Leather, 1996b)	Leaves (Leather, 1996b)	Not associated with the harvested plant part. Overwinters as pupae in the soil (Alford, 2014).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	2020), IT (Zahm, 2012), NE (van Asseldonk et al., 2016), UK (Leather, 1996a)			
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Noctuidae</b> <i>Acronicta tridens</i> (Denis & Schiffermüller)	<b>BE (Nowacki and Fibiger, 1996), FR (Mazzei et al., 2019), GE (Karisch et al., 2016; Werno, 1994), IT (Faniano and Zinetti, 2010), NE (Colijn and van Loon, 2016)</b>	<b>(Nunes, 2021)</b>	<b>Leaves, bark (Alford, 2014)</b>	<b>Overwinters as pupae in the cracks of the bark (Alford, 2014).</b>
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Noctuidae</b> <i>Allophyes oxyacanthae</i> (L.)	<b>BE (Werno et al., 2013), FR (Savoirey, 2002), GE (Karisch et al., 2016; Werno, 1994), IT (Teobaldelli, 2017), NE (Griffioen, 2017)</b>	<b>(Tek and Okyar, 2021)</b>	<b>Bark, leaves (Alford, 2014)</b>	<b>Overwinters as eggs on the bark of host plants (Alford, 2014).</b>
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Noctuidae</b> <i>Amphipyra pyramidea</i> (L.)	<b>BE (Nowacki and Fibiger, 1996), FR (Savoirey, 2002), GE (Karisch et al., 2016; Werno, 1994), IT (Zahm, 2012), NE (Griffioen, 2017; Meijer et al., 2012)</b>	<b>(Nunes, 2021)</b>	<b>Leaves (Alford, 2014)</b>	<b>Not associated with the harvested plant part. Overwinter as pupae in the soil (Alford, 2014).</b>
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Noctuidae</b> <i>Cosmia pyralina</i> (Denis & Schiffermüller)	<b>BE (Nowacki and Fibiger, 1996), FR (Savoirey, 2002), GE (Karisch et al., 2016), IT (Zahm, 2012), NE (Colijn and van Loon, 2016)</b>	<b>(Leather, 1991)</b>	<b>Leaves (Alford, 2014)</b>	<b>Eggs overwinter on host plants (Alford, 2014); however, the egg-laying site is not reported. The pest could potentially be on dormant trees.</b>
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Noctuidae</b>	<b>BE (De Prins, 2016), FR (Mestdagh, 2021), GE (Nippel, 1982), IT (Greco</b>	<b>(Alford, 2014; Carter, 1984)</b>	<b>Leaves, fruit (Carter, 1984), spurs, branches,</b>	<b>Overwinters as eggs attached to the base of young shoots, often laid in clusters or small groups</b>

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<i>Diloba caeruleocephala</i> (L.)	et al., 2019), NE (Moerland, 2011), UK (Carter, 1984)		trunks (Alford, 2014)	and covered with hairs (Alford, 2014).
INSECT: Lepidoptera: Noctuidae <i>Helicoverpa armigera</i> Hübner	BE (De Prins, 2016), FR, GE (EPPO, 2020a), IT (EPPO, 2020a; Sannino et al., 2004)	(EPPO, 2020a; Hely et al., 1982)	Leaves, fruit (Hely et al., 1982)	Not associated with the harvested plant part. Overwinters as pupae in the soil (EPPO, 2020a).
INSECT: Lepidoptera: Noctuidae <i>Lacanobia oleracea</i> (L.), syn. <i>Diataraxia oleracea</i> (L.)	BE (De Prins, 2016), FR (Meyer et al., 2003), GE (Weihrauch, 2000), IT (Leonetti et al., 2019), NE (van Asseldonk et al., 2016), UK (Robinson et al., 2025; Wilson et al., 2015)	(CABI, 2025; Molinari et al., 1995b)	Leaves, shoots, fruit (Molinari et al., 1995b)	Overwinters in the soil (Alford, 2014).
INSECT: Lepidoptera: Noctuidae <i>Melanchra persicariae</i> (L.)	BE, FR, GE, NE (Nowacki and Fibiger, 1996), IT (Pinzari et al., 2010)	(Alford, 2014; Carter, 1984)	Leaves (Alford, 2014; Carter, 1984)	Not associated with the harvested plant part. Overwinters as pupae in soil (Alford, 2014; Carter, 1984).
INSECT: Lepidoptera: Noctuidae <i>Orthosia cerasi</i> (F.), syn. <i>Orthosia stabilis</i> (Denis & Schiffermüller)	BE, FR, GE, NE, UK (CABI, 2025; Nowacki and Fibiger, 1996), IT (Bendazzi and Pezzi, 2019; Faniano and Zinetti, 2010)	(Alford, 2014)	Buds, flowers, fruit, leaves, stems (Alford, 2014; CABI, 2025; Meijer et al., 2012)	Eggs are laid on stems and branches in spring in clusters of 20-100. They hatch within two weeks. Larvae pupate in the soil (Alford, 2014; CABI, 2025); therefore, no stages would be present on dormant trees.
INSECT: Lepidoptera: Noctuidae <i>Phlogophora meticulosa</i> (L.)	BE (de Jong et al., 2017; GBIF, 2025), FR (Savourey, 2002), GE (Werno, 1994), IT (Bendazzi and Pezzi, 2019; Teobaldelli, 2017), NE (Colijn and van Loon, 2016; Cuppen, 2009), UK (Wilson et al., 2015)	(Carter, 1984)	Leaves, flowers (Carter, 1984), buds (Alford, 2014)	Not associated with the harvested plant part. Overwinter as larvae in curled leaves (Carter, 1984).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Lepidoptera: Notodontidae <i>Phalera bucephala</i> L.	BE (Jansen, 2005), FR (Chauvin et al., 1974), GE (Auersch, 1975), IT (Cerretti and Tschorsnig, 2010; Pinzari et al., 2010), NE (Moraal, 1998), UK (Carter, 1984)	(Carter, 1984)	Leaves (Carter, 1984)	Not associated with the harvested plant part. Overwinters as pupae in the soil (Carter, 1984).
INSECT: Lepidoptera: Notodontidae <i>Stauropus fagi</i> (L.)	BE (De Prins, 2016), FR (Luque et al., 2007), GE (Groß and Zub, 2012), IT (Bendazzi and Pezzi, 2019), NE (van Asseldonk et al., 2016), UK (Leather, 1991)	(Leather, 1996a)	Leaves (Kimber, 2021)	Not associated with the harvested plant part. Overwinters as pupae in the soil and leaf litter (Voogd and Groenendijk, 2007).
<b>INSECT: Lepidoptera: Oecophoridae <i>Diurnea lipsiella</i> (Denis &amp; Schifferrmüller)</b>	<b>IT (Pinzari et al., 2010), NE (Huisman et al., 2013)</b>	<b>(Alford, 2014)</b>	<b>Leaves (Alford, 2014)</b>	<b>Overwinters as eggs on hosts (Alford, 2014), though the exact location of the eggs on the host was not specified.</b>
INSECT: Lepidoptera: Papilionidae <i>Iphiclides</i> <i>podalirius</i> (L.)	BE (De Prins and Iversen, 1996), FR (Caterino et al., 2001; Nève, 2010), GE (Geier and Schurian, 2014; Karisch et al., 2016), IT (Boriani et al., 2005; Faniano and Zinetti, 2010), NE (De Prins and Iversen, 1996)	(Stefanescu et al., 2006)	Leaves (Stefanescu et al., 2006)	Larvae can be attached to small branches encased in silk (Weyh and Maschwitz, 1982); however, this would be obvious, and infested branches would not be harvested for cuttings.
INSECT: Lepidoptera: Peleopodidae <i>Carcina quercana</i> (F.)	BE, FR (de Jong et al., 2017; GBIF, 2025), CAN (Alford, 2014; GBIF, 2025), GE (Schreiber, 2006; Trusch et al., 2020; ZSM/SNSB,	(Alford, 2014; Ellis, 2025)	Leaves (Alford, 2014; Ellis, 2025)	Not associated with the harvested plant part.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	2023), NE (Colijn and van Loon, 2016)			
INSECT: Lepidoptera: Pieridae <i>Aporia crataegi</i> L.	BE (De Prins, 2016), FR (Le Charles, 1927), IT (Zhang, 1994), GE (Blunck and Wilbert, 1962), NE (De Prins and Iversen, 1996)	(Jugovic et al., 2017; Zhang, 1994)	Buds, leaves (CABI, 2025), based on general biology of this species.	Overwinters in groups of larvae in silken cocoons formed on dry leaves (Alford, 2014).
<b>INSECT: Lepidoptera: Pyralidae <i>Cryptoblabes gnidiella</i> (Millière)</b>	<b>FR (Cassarini, 2019), IT (Liotta and Mineo, 1964), UK (Carter, 1984; Robinson et al., 2025)</b>	<b>(Ben Yehuda et al., 1991-1992; Carter, 1984)</b>	<b>Bark, fruit, leaves, twigs (Carter, 1984)</b>	<b>This species feeds on the bark of twigs and can pupate on its host plants (Carter, 1984). Present in the United States in Hawaii (CABI, 2025).</b>
INSECT: Lepidoptera: Pyralidae <i>Euzophera bigella</i> Zeller	BE (Karsholt and Razowski, 1996), FR (de Jong et al., 2017), GE, IT (Speidel and Ganey, 1996), UK (Zhang, 1994)	(Deseö, 1980)	Fruit (Deseö, 1980; Simoglou et al., 2012)	On fruit trees, <i>E. bigella</i> infests the fruit and has only been found to damage branches and the trunk when associated with olive trees (Simoglou et al., 2012).
INSECT: Lepidoptera: Saturniidae <i>Saturnia pavonia</i> (L.), syn. <i>Eudia pavonia</i> (L.)	BE, FR, GE, NE (CABI, 2025; Schintlmeister, 1996a), IT (Bendazzi and Pezzi, 2019; Faniano and Zinetti, 2010; Sciarretta and Parenzan, 1998), UK (CABI, 2025; Plant et al., 2019)	(Deml, 2001; Leather, 1991)	Leaves (Alford, 2014)	Pupation occurs low on the trunk or on the ground (CABI, 2025). The moths overwinter in large conspicuous cocoons (Karisch et al., 2016) and would not be included in harvested cuttings.
INSECT: Lepidoptera: Saturniidae <i>Saturnia pyri</i> (Denis & Schiffermüller)	BE (De Prins, 2016), FR (De Fleury, 1924), GE (Mader, 2011), IT (Durante and Pellegrino, 2019), NE (de Vos et al., 2008)	(Durante and Pellegrino, 2019; Talhouk, 1977b)	Leaves (Talhouk, 1977b)	Not associated with the harvested plant part. Overwinters as pupae in the soil (Carter, 1984).
INSECT: Lepidoptera: Sphingidae	IT (Zahm, 2012), UK (Carter, 1984)	(Carter, 1984)	Leaves (Carter, 1984)	Not associated with the harvested plant part.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<i>Smerinthus ocellata</i> (L.)				Overwinters as pupae in the soil (Carter, 1984).
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Sesiidae</b> <i>Synanthedon myopaeformis</i> (Borkhausen)	<b>BE (De Prins, 2016), CAN (Judd et al., 2015), FR (Audemard, 1988), GE (Schmidt-Koehl and Martin, 2010), IT (Deseö and Miller, 1985), NE (van Frankenhuyzen and Wijnen, 1979), UK (Carter, 1984)</b>	<b>(Carter, 1984)</b>	<b>Branches, trunk (Bosch et al., 2001)</b>	<b>Larvae feed beneath the bark and take two years to develop (Alford, 2014). Present in the continental United States (LaGasa, 2009), but no records were found for Hawaii, Puerto Rico, or the U.S. Virgin Islands.</b>
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Tortricidae</b> <i>Acleris cristana</i> (Denis & Schiffermüller)	BE, FR, GE, NE (Razowski, 1996), IT (Trematerra et al., 2018)	(Corley et al., 2018)	Leaves (Alford, 2014)	Not associated with the harvested plant part. Overwinters as adults (Alford, 2014).
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Tortricidae</b> <i>Acleris rhombana</i> (Denis & Schiffermüller)	<b>BE (Groenen, 2003), FR (Chambon and Fassotte, 1992), GE (Karisch et al., 2016), IT (Pinzari et al., 2010; Trematerra et al., 2018), NE (Beeke and De Jong, 1991), UK (Carter, 1984)</b>	<b>(Alford, 2014; Carter, 1984)</b>	<b>Leaves, bark, shoots, buds (Alford, 2014; Carter, 1984)</b>	<b>Eggs are laid on branches and buds where they overwinter (Alford, 2014; Dickler, 1991; Sauphanor, 1981). Therefore, the eggs could be present on dormant trees. Present in the continental United States in Washington (Breedveld and Tanigoshi, 2007), but no records were found for Hawaii, Puerto Rico, or the U.S. Virgin Islands.</b>
<b>INSECT:</b> <b>Lepidoptera:</b> <b>Tortricidae</b> <i>Adoxophyes orana</i> (Fischer von Röslerstamm), syn. <i>Capua reticulana</i> (Hübner)	BE (De Prins, 2016), FR (Atger, 1980), GE (Kienzle et al., 2020), IT (Pollini and Bariselli, 1997), NE (Blommers et al., 1987), UK (Carter, 1984; Plant et al., 2019)	(Carter, 1984; Stamenkovic et al., 1999)	Leaves, twigs (Carter, 1984), based on the general biology of this species.	Larvae overwinter in conspicuous silken cocoons attached to dead leaves, mummified fruits, or branches (Alford, 2014). The silken structures would be obvious and removed at harvest.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Lepidoptera: Tortricidae <i>Ancylis achatana</i> (Denis & Schiffermüller)	BE, FR, GE (Razowski, 1996), IT (Pinzari et al., 2010), NE (Kuchlein and Ellis, 1997)	(Alford, 2014; Carter, 1984)	Leaves (Alford, 2014)	Not associated with the harvested plant part.
INSECT: Lepidoptera: Tortricidae <i>Archips crataegana</i> (Hübner)	BE (Razowski, 1996), FR (Chambon, 1999), GE (Karisch et al., 2016; Nässig, 2008), IT (Triggiani, 1992), NE (Beeke and De Jong, 1991), UK (Carter, 1984)	(Van der Geest and Evenhuis, 1991)	Bark, leaves (Van der Geest and Evenhuis, 1991)	Overwinters as eggs attached to the bark of the host plant (Carter, 1984; Gilligan and Epstein, 2014).
INSECT: Lepidoptera: Tortricidae <i>Archips xylosteana</i> (L.)	BE (De Prins, 2016), CAN (Hoebeke et al., 2008), FR (Zwolfer and Kraus, 1957), GE (Razowski, 1996), IT (Serra and Lentini, 2007), NE (Razowski, 1996), UK (Carter, 1984)	(Alford, 2014; Maharramova, 2011)	Branches, leaves (Carter, 1984), based on the general biology of this species.	Overwinters as eggs which are laid in small batches on the trunks and branches and covered with a brown secretion which camouflages them on the bark (Hoebeke et al., 2008).
INSECT: Lepidoptera: Tortricidae <i>Argyrotaenia ljugiana</i> (Thunberg), syn. <i>A. pulchellana</i> (Haworth)	BE (De Prins, 2016), FR (Rusch et al., 2015), GE (Razowski, 1996), IT (Van der Geest and Evenhuis, 1991), NE (Raemakers and Smits, 2009), UK (Carter, 1984)	(Van der Geest and Evenhuis, 1991)	Bark, leaves (Van der Geest and Evenhuis, 1991)	Overwinters as pupae on the ground (Ioriatti et al., 2012), in spun leaves, or in bark crevices (Gilligan and Epstein, 2014).
INSECT: Lepidoptera: Tortricidae <i>Cacoecimorpha pronubana</i> (Hübner)	BE (De Prins, 2016), CAN (CABI, 2025), FR (Witzgall and Frerot, 1989), GE (Zub and Straße, 2020), IT (Cerretti and Tschorsnig, 2010), NE (Huisman et al.,	(Signorile, 2012)	Flowers, fruit (Alford, 2014), leaves (Signorile, 2012) based on general biology of this species.	Not associated with the harvested plant part. Larvae overwinter likely on the leaves of host plants (CABI, 2025). Present in the United States in Oregon and Washington (CABI, 2025). This is a quarantine pest for Hawaii and Puerto Rico, and non-quarantine for the

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	2005), UK (Carter, 1984)			continental United States (ARM, 2025).
INSECT: Lepidoptera: Tortricidae <i>Choristoneura diversana</i> (Hübner)	BE (De Prins, 2016), FR (Duflo and Maas, 2021), GE (Mey, 2019), IT (Trematerra et al., 2018), NE (Graaf Bentinck and Diakonoff, 1968; Kuchlein and Bot, 2010), UK (Carter, 1984)	(Byun et al., 2003; Carter, 1984)	Leaves (Carter, 1984)	Overwinters as larvae in leaves that have been spun together with silk (Carter, 1984).
INSECT: Lepidoptera: Tortricidae <i>Choristoneura hebenstreitella</i> (Müller)	BE (De Prins, 2016), FR, GE (Razowski, 1996), IT (Pinzari et al., 2010), NE (Cuppen, 2012), UK (Carter, 1984)	(Carter, 1984)	Bark, leaves (Carter, 1984)	Overwinters in silk attached to the bark of its hosts (Alford, 2014; Carter, 1984).
INSECT: Lepidoptera: Tortricidae <i>Enarmonia formosana</i> Scopoli	BE (CABI, 2025), CAN (Dang and Parker, 1990), FR, GE (Jenner et al., 2004), IT (CABI, 2025), NE (Huisman et al., 2004), UK (Carter, 1984)	(Jenner et al., 2004; Tanigoshi and Sary, 2003)	Under bark (Tanigoshi and Sary, 2003)	Present in the continental United States (CERIS, 2021; Looney et al., 2016), but no records were found for Hawaii, Puerto Rico, or the U.S. Virgin Islands. Eggs are laid on branches or trunks in summer; larvae feed and pupate below the surface of the bark (Alford, 2014; Carter, 1984). Therefore, this species could be in dormant trees.
INSECT: Lepidoptera: Tortricidae <i>Epichoristodes acerbella</i> (Walker)	FR (Pralavorio and Millot, 1978), IT (Zangheri and Cavalloro, 1971), NE (Huisman et al., 2013), UK (Carter, 1984)	(Myburgh et al., 1973)	Fruit, leaves, shoots (Myburgh et al., 1973)	Larvae borrow into the shoots (Carter, 1984), where they overwinter (Pandolfo and Zagami, 1983).
INSECT: Lepidoptera: Tortricidae	BE (De Prins, 2016), FR (Thiery et al., 2001), GE (von Vogt et al.,	(Carter, 1984)	Flowers, fruit (Carter, 1984), based on the general	On grapes, the larvae overwinter in cracks and fissures in old vines (Alford, 2014; Carter,

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
<i>Eupoecilia ambiguella</i> Hübner	1993), NE (Cuppen, 2012)		biology of this species.	1984), and therefore may be present on dormant trees.
INSECT: Lepidoptera: Tortricidae <i>Grapholita funebrana</i> (Treitschke), syn. <i>Cydia funebrana</i> (Treitschke)	BE (De Prins, 2016), FR (Touzeau, 1972), GE (Reineke et al., 2010), IT (Rizzo et al., 2012), NE (Lenders et al., 2016), UK (Baker, 1963; CABI, 2025)	(Rizzo et al., 2012)	Bark, fruit (Rizzo et al., 2012)	Larvae overwinter in the cracks of the bark of hosts (Carter, 1984).
INSECT: Lepidoptera: Tortricidae <i>Grapholita lobarzewskii</i> Nowicki; syn. <i>Cydia lobarzewskii</i> (Nowicki)	FR, (Razowski, 1996), GE (Chen and Dorn, 2009), IT (Gambon et al., 2009), NE (Stigter, 1995), UK (Plant et al., 2019)	(Gambon et al., 2009; Kopec and Przybyłowicz, 2001)	Bark, fruit (Gambon et al., 2009; Kopec and Przybyłowicz, 2001)	Larvae overwinter under the bark of host plants (Gambon et al., 2009).
INSECT: Lepidoptera: Tortricidae <i>Hedya pruniana</i> (Hübner)	GE (Kwasnitza, 1999), IT (Trematerra, 1995), NE (Colijn and van Loon, 2016), UK (Carter, 1984)	(Carter, 1984; Kula et al., 2009)	Bark (Alford, 2014), leaves, shoots (Carter, 1984)	Overwinters as small larvae on host plants (Hancock and Razowski, 2014), in bark crevices or under old bud scales (Alford, 2014).
INSECT: Lepidoptera: Tortricidae <i>Lobesia botrana</i> Dennis & Schiffermüller	BE (De Prins, 2016), FR (Moreau et al., 2010), GE (Feldhege et al., 1993), IT (Barani et al., 2008), NE (Huisman et al., 2013), UK (CABI, 2025; EPPO, 2025)	(Stoeva, 1982)	Flowers, buds, fruits (Carter, 1984), based on the general biology for this species.	Overwinters as pupae in the cracks and crevices of the bark on hosts (Alford, 2014; Carter, 1984).
INSECT: Lepidoptera: Tortricidae <i>Neosphaleroptera nubilana</i> (Hübner)	BE, FR, GE (Razowski, 1996), IT (Pinzari et al., 2010; Trematerra, 1993), NE (Huisman et al., 2007)	(Özdemir et al., 2005)	Leaves, shoots (Alford, 2014)	Larvae feed, overwinter, and pupate within silk-spun shoots (Alford, 2014) and therefore could be present on dormant trees.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Lepidoptera: Tortricidae <i>Pammene rhediella</i> Clerck	BE (De Prins, 2016), FR (Chambon, 1999), GE (Albert and Wolff, 2000), IT (Forti and Ioriatti, 1990), NE (van Leeuwen et al., 2000), UK (Carter, 1984)	(Carter, 1984; Van der Geest and Evenhuis, 1991)	Bark, flowers, fruit, leaves, (Van der Geest and Evenhuis, 1991)	Larvae overwinter in cocoons in bark cracks (Forti and Ioriatti, 1990) or under loose bark (Alford, 2014).
INSECT: Lepidoptera: Tortricidae <i>Pandemis cerasana</i> (Hübner)	BE (De Prins, 2016; Frerot et al., 1982), CAN (Boulton, 2003), FR (Ferot et al., 1982), GE (Razowski, 1996; Werno, 1994), NE (Ellis et al., 1997; Razowski, 1996), IT (Bendazzi and Pezzi, 2019; Civolani et al., 1999), UK (Carter, 1984; Robinson et al., 2025)	(Carter, 1984)	Branches (Alford, 2014), flowers, fruit, leaves, (Carter, 1984)	Eggs are laid on the branches and leaves and some eggs overwinter (Alford, 2014), therefore, they could be present on dormant trees. This species is present in the continental United States (CABI, 2025; LaGasa et al., 2003; Looney et al., 2016), but no records were found for Hawaii, Puerto Rico, or the U.S. Virgin Islands.
INSECT: Lepidoptera: Tortricidae <i>Ptycholoma lecheana</i> (L.)	BE, FR, GE, NE (Razowski, 1996), IT (Trematerra et al., 2018)	Alford, 2014; Carter, 1984	Leaves, shoots, buds, flowers (Alford, 2014; Carter, 1984; Maharramova, 2011)	Pupae overwinter in silken cocoons on branches (Alford, 2014; Carter, 1984) and are likely to be seen and removed during harvest.
INSECT: Lepidoptera: Tortricidae <i>Syndemis musculana</i> (Hübner)	BE, FR (Razowski, 1996), GE (Marktanner, 2005; Nässig, 2008), IT (Raviglione et al., 2011), NE (Cuppen, 2012), UK (Carter, 1984)	(Koren et al., 2015)	Fruit, leaves (Carter, 1984)	Overwinters as larvae in the leaf litter where pupation also occurs the following spring (Alford, 2014).

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
INSECT: Lepidoptera: Yponomeutidae <i>Argyresthia albistria</i> (Haworth)	IT (Pinzari et al., 2010), NE (Huisman et al., 2013)	(Corley et al., 2015)	Buds, leaves, shoots (Alford, 2014)	Overwinters as young larvae on host plants in or near buds (Alford, 2014).
INSECT: Lepidoptera: Yponomeutidae <i>Argyresthia pruniella</i> (Clerck)	BE (De Prins, 2016), CAN (deWaard et al., 2009), FR (CABI, 2025), GE (Rank, 2002), IT (CABI, 2025), NE (van Rossem et al., 1972), UK (Robinson et al., 2025)	(Alford, 2014; Looney et al., 2017)	Flowers, fruitlets, leaves, (Alford, 2014)	Eggs are laid under bud scales or in sheltered locations on the host where they overwinter (Alford, 2014). Present in the continental United States (LaGasa and Looney, 2014), but no records were found for Hawaii, Puerto Rico, or the U.S. Virgin Islands.
INSECT: Lepidoptera: Yponomeutidae <i>Paraswammerdama nebulella</i> (Goeze), syn. <i>Paraswammerdama lutarea</i> (Haworth)	CAN (deWaard et al., 2009)	(Zhang, 1994)	Leaves (Morris, 1961), based on general biology of this species.	Overwinter as first instar larvae in silk on host plants (Morris, 1961).
INSECT: Lepidoptera: Yponomeutidae <i>Yponomeuta evonymella</i> (L.)	IT (Cerretti and Tschorsnig, 2010), NE (van Asseldonk et al., 2016)	(Carter, 1984; Žikić et al., 2018)	Bark, leaves (Carter, 1984)	Overwinters as eggs covered in gum-like secretion on the bark of its host plants (Carter, 1984).
INSECT: Lepidoptera: Zygaenidae <i>Aglaope infausta</i> (L.)	FR (Leraut, 2010), GE (Geier, 1995), IT (Schmitt and Seitz, 2004), UK (Carter, 1984)	(Carter, 1984)	Bark, fruit, leaves (Carter, 1984)	Overwinters on the bark of host plants in a scale-like structure (Alford, 2014).
INSECT: Thysanoptera: Aeolothripidae <i>Aeolothrips ericae</i> Bagnall	FR (Pizzol et al., 2017)	(Pizzol et al., 2017)	Flowers (Alavi et al., 2016), based on the general biology of this species.	Not associated with the harvested plant part.
INSECT: Thysanoptera: Aeolothripidae <i>Aeolothrips gloriosus</i> Bagnall	FR (Pizzol et al., 2017)	(Pizzol et al., 2017)	Flowers (Trdan et al., 2012), based on the general biology of this species.	Not associated with the harvested plant part.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Thysanoptera: Aeolothripidae <i>Melanthrips fuscus</i> (Sulzer)	FR (Pizzol et al., 2017)	(Maya and Tezcan, 2018; Pizzol et al., 2017)	Flowers (Maya and Tezcan, 2018)	Not associated with the harvested plant part.
<b>INSECT:</b> <b>Thysanoptera:</b> <b>Phlaeothripidae</b> <i>Haplothrips aculeatus</i> (F.)	<b>BE (Lock, 2006), IT (Conti, 2009), GE (Merk et al., 2006), NE (Vierbergen, 2001), UK (Pitkin, 1976)</b>	<b>(Maya and Tezcan, 2018; Öztürk and Atakan, 2008)</b>	<b>Bark (Koppa, 1970), flowers (Maya and Tezcan, 2018), leaves (Franssen, 1965), based on general biology of this species.</b>	<b>This species can overwinter under the bark of trees (Koppa, 1970).</b>
INSECT: Thysanoptera: Thripidae <i>Bregmatothrips dimorphus</i> (Priesner)	FR (Pizzol et al., 2014)	(Tunc et al., 2012)	Leaves (Elimem et al., 2012)	Not associated with the harvested plant part.
INSECT: Thysanoptera: Thripidae <i>Frankliniella intonsa</i> (Trybom)	BE, CAN, FR (CABI, 2025), GE (Ulitzka, 2013), IT, NE, UK (CABI, 2025)	(Kourmadas et al., 1982; Poboziak, 2008)	Flowers (Kourmadas et al., 1982; Poboziak, 2008), fruit (Kourmadas et al., 1982)	Overwinters in defoliated leaves and flowers of host plants (Lee et al., 2001). Present in the continental United States (NAPPO, 2004). Non-quarantine for the continental United States; quarantine for Hawaii and Puerto Rico (ARM, 2025).
INSECT: Thysanoptera: Thripidae <i>Oxythrips ajugae</i> Uzel	FR (Pizzol et al., 2014)	(Pizzol et al., 2017; Şahin and Tezcan, 2014)	Flowers (Şahin and Tezcan, 2014)	Not associated with the harvested plant part.
INSECT: Thysanoptera: Thripidae <i>Pezothrips kellyanus</i> (Bagnall)	FR (Pizzol et al., 2014)	(Pizzol et al., 2017)	Flowers (Conti et al., 2002), based on the general biology of this species.	Not associated with the harvested plant part.
INSECT: Thysanoptera: Thripidae <i>Scirtothrips inermis</i> Priesner	FR (Pizzol et al., 2014)	(Pizzol et al., 2017)	Flowers (Pizzol et al., 2014), based on general biology of this species.	Not associated with the harvested plant part.

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
INSECT: Thysanoptera: Thripidae <i>Thrips angusticeps</i> Uzel	BE (Lock, 2006), FR (Pizzol et al., 2014), GE (Gaafar et al., 2011), IT (Gargani, 1996), NE(Franssen and Huisman, 1958), UK(Morison, 1943)	(Gargani, 1996)	Flowers, fruit (Gargani, 1996)	Overwinters in the soil (CABI, 2025; Franssen and Huisman, 1958).
INSECT: Thysanoptera: Thripidae <i>Thrips flavus</i> Schrank	FR (Pizzol et al., 2014), GE (CABI, 2025), IT (Canale et al., 2003), UK (Collins, 2010; Kirk, 1985)	(Pobozniak, 2008)	Flowers, stems (Pobozniak, 2008)	<i>Thrips flavus</i> has been found to overwinter as adults on host plants (Lee et al., 2001).
INSECT: Thysanoptera: Thripidae <i>Thrips major</i> Uzel	FR (Pizzol et al., 2014), IT (Canale et al., 2003; Gargani, 1996), NE (Vierbergen, 2001), UK (Collins, 2010; Kirk, 1985)	(Gargani, 1996)	Flowers, fruit (Gargani, 1996)	Infestations of <i>T. major</i> gradually disappeared after the fruit was harvested (Tommasini and Burgio, 2004), suggesting it will be absent from dormant cuttings.
INSECT: Thysanoptera: Thripidae <i>Thrips meridionalis</i> (Priesner)	FR (Pizzol et al., 2014), IT (Marullo, 2001)	(Maya and Tezcan, 2018)	Flowers (Maya and Tezcan, 2018)	Overwinters in leaf litter (Aydin et al., 2020).
INSECT: Thysanoptera: Thripidae <i>Thrips minutissimus</i> L.	FR (Pizzol et al., 2017), GE (Ulitzka, 2013)	(Pizzol et al., 2017; Pobozniak, 2008; Ulitzka, 2013)	Leaves (Pobozniak, 2008)	Overwinters as an active adult on the leaves of hosts such as winter wheat and rye (Zawirska and Walkowski, 2000).
MITE: Acari: Eriophyidae <i>Eriophyes similis</i> (Nalepa)	IT (Lindquist et al., 1996)	(Lindquist et al., 1996)	Bark, fruit, leaves (Lindquist et al., 1996)	Overwinters beneath the bud scale or in crevices of the bark (Alford, 2014).
MITE: Acari: Tenuipalpidae <i>Cenopalpus pulcher</i> (Canestrini & Fanzago)	BE (Witters et al., 2003), FR (Gutierrez et al., 1989), GE (Jeppson et al., 1975), IT (Pritchard and Baker, 1958), NE (Cuppen, 2012),	(El- Halawany et al., 1990)	Bark, leaves (El-Halawany et al., 1990)	Overwinters as an adult on the twigs, bark, and old leaves (Elmosa, 1971); it may also move to buds in winter, when the trees are bare (Jeppson et al., 1975). Present in the continental United States (Bajwa et al., 2001; Beard et al., 2021),

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
	UK (Hatzinikolis and Emmanouel, 1987)			but no records were found for Hawaii, Puerto Rico or the U.S. Virgin Islands. Quarantine pest for Hawaii and Puerto Rico; non-quarantine for the continental US (ARM, 2025).
MITE: Acari: Tetranychidae <i>Amphitetranynchus viennensis</i> (Zacher), syn. <i>Tetranychus viennensis</i> Zacher	BE (Bolland et al., 1998), FR (Navajas et al., 1998), GE, IT, NE (Bolland et al., 1998), UK (Jeppson et al., 1975)	(Bolland et al., 1998)	Bark, leaves (Jeppson et al., 1975), based on the general biology of this species.	Mated females overwinter under the bark of hosts (Jeppson et al., 1975).
MITE: Acari: Tetranychidae <i>Bryobia graminum</i> (Schrank)	BE, FR, GE, IT (Bolland et al., 1998), NE (Weeks and Breeuwer, 2001), UK (Bolland et al., 1998)	(Bolland et al., 1998)	Bark, leaves (Ripka, 1998), based on the general biology of this species.	This mite is typically a pest of herbaceous plants; however, all stages may be found throughout the winter on the lower parts of apple tree trunks (Alford, 2014; Jeppson et al., 1975). Therefore, this species is not likely to be associated with harvested budwood
MOLLUSK: Stylommatophora: Helicidae <i>Cornu aspersum</i> (O.F. Müller), syn. <i>Cantareus aspersus</i> (Müller), <i>Helix aspersa</i> Müller	BE (Kerney and Cameron, 1979), CAN (CABI, 2025; Capinera, 2001), FR (Beeby and Richmond, 2007), GE (Godan, 1983), IT (Vitturi et al., 2005), NE (Boesveld, 2005), UK (Beeby and Richmond, 2007)	(Rebolledo et al., 1992)	Bark, fruit, leaves, twigs (Basinger, 1931)	Adults overwinter in the soil and eggs are laid in the soil (CABI, 2025). Snails on stems would be obvious and be removed at harvest. Present in the continental United States and Hawaii (CABI ISC, 2025; Capinera, 2001). Action required only to Florida, Alabama, Puerto Rico, U.S. Virgin Islands, Guam, and the Northern Mariana Islands (ARM, 2025).
MOLLUSK: Stylommatophora: Helicidae <i>Theba pisana</i> (Müller)	BE (De Smet and Van Rompu, 1989), FR (Cowie, 1990), GE (Däumer et al., 2012), IT (Cowie, 1990), NE (Van	(Dürr, 1946)	Whole plant (Dürr, 1946)	Eggs are laid in the soil and juvenile and adult snails would be obvious on budwood (Dürr, 1946). Present in the United States in California (Cowie, 1990).

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	Dalsum, 1964), UK (Cowie, 1990)			
MOLLUSK: Stylommatophora: Hygromiidae <i>Candidula intersecta</i> (Poiret)	BE (Kerney and Cameron, 1979), GE (Meßer, 2017), NE (Boesveld, 2005)	(Godan, 1983)	Fruit (Godan, 1983)	Present in the continental United States (Schottroff et al., 2012).
<b>FUNGUS</b> <i>Colletotrichum boninense</i> Moriwaki, Toy. Sato & Tsukib.	<b>NE (Farr and Rossman, 2025)</b>	<b>(Damm et al., 2012; Moriwaki et al., 2003)</b>	<b>Flowers, fruit, leaves, roots, twigs (Damm et al., 2012; Nguyen, 2010)</b>	<b>This species is quarantine for the continental United States and uncategorized for Hawaii, and Puerto Rico (ARM, 2025). This species was previously reported from Florida (Tarnowski and Ploetz, 2010) but that species “is now considered to be a different species within the <i>C. boninense</i> species complex (personal communication: Aaron Kennedy, National Identification Services, USDA-APHIS-PPQ-PM). The Florida report was published before the <i>C. boninense</i> complex was split into several species in 2012” (Chitambar, 2015).</b>
FUNGUS <i>Dactylonectria pauciseptata</i> (Schroers & Crous) L. Lombard & Crous, syn. <i>Cylindrocarpon pauciseptatum</i> Schroers & Crous	CAN (Biggs, 2009; Jayawardena et al., 2018), IT (Yaseen et al., 2012)	(Yaseen et al., 2012)	Roots (Piperkova et al., 2017; Yaseen et al., 2012)	None
<b>FUNGUS</b> <i>Didymosphaeria rubi-ulmifolii</i> Ariyaw., Camporesi & K.D. Hyde	<b>IT (Ariyawansa et al., 2014)</b>	<b>(Liang et al., 2020)</b>	<b>Stems, wood (Liang et al., 2020)</b>	<b>This species is not listed in ARM but <i>Didymosphaeria</i> sp. is quarantine for the continental United States, Hawaii, and Puerto Rico (ARM, 2025).</b>
<b>FUNGUS</b> <i>Didymosphaeria variabile</i>	<b>FR (Langenfeld et al., 2013)</b>	<b>(Damm et al., 2008b)</b>	<b>Wood (Damm et al., 2008b)</b>	<b><i>Paraconiothyrium x variabile</i> is quarantine for the continental United</b>

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<b>(Riccioni, Damm, Verkley &amp; Crous) Ariyaw. &amp; K.D. Hyde, syn. <i>Paraconiothyrium variabile</i> Riccioni, Damm, Verkley &amp; Crous</b>				<b>States, Hawaii, and Puerto Rico (ARM, 2025).</b>
FUNGUS <i>Diplocarpon mespili</i> (Sorauer) B. Sutton, syn. <i>Fabraea maculata</i> Atk.	CAN (Hilton, 2000; Li et al., 2020), FR (INPN, 2022), IT (Farr and Rossman, 2025), UK (Cannon et al., 1985)	(French, 1989)	Leaves (French, 1989)	This pest is actionable for Puerto Rico but is a non-quarantine pest for the continental United States and Hawaii (ARM, 2025).
<b>FUNGUS <i>Encoelia fimbriata</i> Spooner &amp; Trigaux</b>	<b>FR (Spooner and Trigaux, 1985)</b>	<b>(Spooner and Trigaux, 1985)</b>	<b>Branches (Spooner and Trigaux, 1985)</b>	<b>Neither this species nor its genus is listed in ARM (ARM, 2025).</b>
FUNGUS <i>Erysiphe prunastri</i> DC., syn. <i>Uncinula prunastri</i> (DC.) Sacc.	BE (Amano (Hirata), 1986; Braun, 1995; Farr and Rossman, 2025), FR (Farr and Rossman, 2025)	(Amano (Hirata), 1986; Braun, 1995; Grigaliunaite and Takamatsu, 2002)	Leaves extrapolated from other hosts (Farr and Rossman, 2025; Grigaliunaite and Takamatsu, 2002)	None
<b>FUNGUS <i>Fomitiporia mediterranea</i> M. Fisch.</b>	<b>GE (Fischer and Kassemeyer, 2003)</b>	<b>(Olmo et al., 2017)</b>	<b>Bark, stems, wood of various plant hosts (CABI, 2025).</b>	<b>Neither this species nor its genus is listed in ARM (ARM, 2025).</b>
FUNGUS <i>Monilinia fructigena</i> Honey ex Whetzel	BE (CABI, 2025; Côté et al., 2004; Farr and Rossman, 2025), FR (Ioos and Frey, 2000; Vasić et al., 2018; Zhu et al., 2011), GE (Côté et al., 2004; Leibinger et al., 1997; Xu and Robinson, 2000), IT (Abate et al., 2018; Venturella, 1991), NE (Côté et	(Abate et al., 2018; Cline, 2005; Côté et al., 2004; Fulton and Brown, 1997)	Flowers, fruit, leaves, stems, (Abate et al., 2018; Byrde and Willetts, 1977; Ritchie, 2000)	This pest is Quarantine at the genus level (ARM, 2025). It was identified from an experimental orchard in Maryland that was then destroyed (Batra and Harada, 1986; Cline, 2005). <i>Monilinia fructigena</i> infects floral parts (Byrde and Willetts, 1977) and for most deciduous fruit, the current season's growth is used for dormant budwood (Hartmann et al., 2001). Because the

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
	al., 2004; Fulton and Brown, 1997), UK (Côté et al., 2004)			current season's shoots do not produce flowers (Browse, 1979), dormant budwood is not a pathway for the introduction of <i>M. fructigena</i> into new areas.
FUNGUS <i>Monilinia polystroma</i> (G.C.M. Leeuwen) Kohn	IT (Abate et al., 2018; Martini et al., 2014), NE [few occurrences] (EPPO, 2025)	(Abate et al., 2018)	Fruit (Abate et al., 2018; Hilber-Bodmer et al., 2011; Poniatowska et al., 2016), blossoms, shoots (Cox et al., 2018)	This pest is Quarantine at the genus level (ARM, 2025). This pest causes very similar symptoms to <i>M. fructigena</i> (CABI, 2025). <i>Monilinia fructigena</i> infects floral parts (Byrde and Willetts, 1977) and for most deciduous fruit, the current season's growth is used for dormant budwood (Hartmann et al., 2001). Because the current season's shoots do not produce flowers (Browse, 1979), dormant budwood is not a pathway for the introduction of <i>M. polystroma</i> into new areas.
FUNGUS <i>Neofusicoccum ribis</i> (Slippers, Crous & M.J. Wingf.) Crous, Slippers & A.J.L. Phillips, syn. <i>Botryosphaeria ribis</i> Grossenb. & Duggar	CAN (NAPPO, 2022), FR (CABI, 2025; Farr and Rossman, 2025), GE (Cannon, 2017; Taylor and Hyde, 2003), IT (Venturella, 1991), NE (Crous, 2005; Youssef and Wenneker, 2021), UK (CABI, 2025)	(De Corato and Trupo, 2007; Pusey, 1989; Ye, 2005)	Stems (Farr et al., 1989; Ye, 2005), fruit (Farr and Rossman, 2025)	<i>Neofusicoccum ribis</i> is non-quarantine for the continental United States, Hawaii, and Puerto Rico (ARM, 2025). However, its synonym, <i>Botryosphaeria ribis</i> is quarantine for Puerto Rico (ARM, 2025).
FUNGUS <i>Phaeoacremonium tuscanum</i> Essakhi, Mugnai, Surico & Crous	IT (López et al., 2010; Spies et al., 2018)	(Soltaninejad et al., 2017)	Branches, trunks (Soltaninejad et al., 2017)	Neither this species nor its genus is listed in ARM (ARM, 2025).
FUNGUS <i>Polystigma fulvum</i> DC.	FR, GE (Cannon, 1996)	(Cannon, 1996; Suzuki et al., 2008)	Leaves (Cannon, 1996; Suzuki et al., 2008)	None
FUNGUS	FR (Cannon, 1996), GE	(Ogawa et al., 1995;	Leaves (Douglas,	None

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
<i>Polystigma rubrum</i> (Pers.) DC., syn. <i>Polystigma ussuriense</i> (Jacz. & Natalyina) Prots.	(Cannon, 1996; Ogawa et al., 1995), IT (Venturella, 1991), UK (Cannon, 1996; Douglas, 2015)	Roberts et al., 2018)	2015; Ogawa et al., 1995; Roberts et al., 2018)	
FUNGUS <i>Rosellinia necatrix</i> Berl. ex Prill., syn. <i>Dematophora necatrix</i> R. Hartig	FR (de Sousa et al., 1995; Guillaumin et al., 1982), GE (CABI, 2025; Hoopen and Krauss, 2006; MyCoPortal Database, 2025), IT (Fusco et al., 2022; Sorrentino et al., 2021), UK (Francis, 1985)	(Dafny-yelin et al., 2018)	Roots (UC IPM, 2016; UC IPM, 2021)	<i>Rosellinia necatrix</i> is a quarantine pest for Hawaii only (ARM, 2025).
FUNGUS <i>Thekopsora areolata</i> (Fr.) Magnus	BE (Vanderweyen and Fraiture, 2007), FR (CABI, 2025; Farr and Rossman, 2025), GE (Jage et al., 2010; MyCoPortal Database, 2025)	(Hietala et al., 2008; Kaitera et al., 2021; Vanderweyen and Fraiture, 2007; Zhang et al., 2021)	Leaves (Hietala et al., 2008; Kaitera et al., 2021)	None
FUNGUS <i>Tranzschelia discolor</i> (Fuckel) Tranzschel & M.A. Litv.	BE (Farr and Rossman, 2025), CAN (Ginns, 1986; Lopez-Franco and Hennen, 1990), IT (Venturella, 1991), UK (O'Brien and Berrie, 2019a)	(Maier et al., 2003; Scholler et al., 2019; Soto-Estrada et al., 2005; Strand, 1999)	Leaves, fruit, stems, twigs (Haviland et al., 2025; Soto-Estrada et al., 2005; Strand, 1999)	This species is quarantine for Puerto Rico (ARM, 2025).
FUNGUS <i>Wilsonomyces carpophilus</i> (Lév.) Adask., Ogawa & Butler, syn. <i>Clasterosporium carpophilum</i> (Lév.) Aderh., <i>Stigmina carpophila</i> (Lév.)	CAN (Ginns, 1986), FR (Braun, 2000), IT (Venturella, 1991), UK (Foister, 1961; Moore, 1959)	(Braun, 2000; Haviland et al., 2025; Mirabdollahi Shamsi et al., 2019)	Leaves, twigs, fruit, flowers (Haviland et al., 2025)	This fungus survives on infected twigs and as spores in healthy buds (Haviland et al., 2025). It is non-quarantine for the continental United States, and quarantine for Hawaii and Puerto Rico (ARM, 2025).

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
<b>M.B. Ellis, <i>Thyrostroma carophilum</i> (Lév.) B. Sutton</b>				
<b>CHROMISTAN <i>Phytophthora citricola</i> Sawada</b>	CAN (Oudemans et al., 1994), GE (Portz et al., 2011), IT (CABI, 2025; Pane et al., 2005), UK (Erwin and Ribeiro, 1996; Jung, 2009)	(Bhat and Browne, 2007; Browne, 2017; Ogawa et al., 1995; Oudemans et al., 1994)	Crowns, roots, stems (Browne and Viveros, 1999; Erwin and Ribeiro, 1996; Ogawa et al., 1995)	This species is quarantine for Puerto Rico (ARM, 2025).
<b>CHROMISTAN <i>Phytophthora ramorum</i> Werres, De Cock &amp; Man in 't Veld</b>	BE (Farr and Rossman, 2025; Ivors et al., 2006), GE (Elliott et al., 2015; O'Hanlon et al., 2017; Werres et al., 2001), FR (EPPO, 2025; Schenck et al., 2018), NE (CABI, 2025; Elliott et al., 2011)	(Elliott et al., 2021; Elliott et al., 2011; James et al., 2012; O'Hanlon et al., 2017)	Leaves (Elliott et al., 2021), bark, stems, wood of other hosts (CABI, 2025)	This species is quarantine for the continental United States, Hawaii, and Puerto Rico (ARM, 2025). It is present in the continental United States (Garbelotto et al., 2020).
<b>NEMATODE <i>Helicotylenchus erythrinae</i> (Zimmermann) Golden</b>	IT (Castillo et al., 2010; Inserra et al., 1978)	(Deng et al., 1992; Siddiqui et al., 1973; Zavaleta-Mejia and Sosa-Moss, 1979)	Roots (Deng et al., 1992; Siddiqui et al., 1973; Zavaleta-Mejia and Sosa-Moss, 1979)	Present in the continental United States and Hawaii (Raabe et al., 1981; UGA, 2025c). Non-quarantine for the continental United States and Hawaii, quarantine for Puerto Rico (ARM, 2025).
<b>NEMATODE <i>Hemicycliophora typica</i> de Man</b>	GE (de Jong et al., 2017), NE (Sakwe and Geraert, 1993)	(Poole et al., 2003)	Roots (Poole et al., 2003)	Present in the continental United States (UGA, 2025c). Non-quarantine pest for the continental United States, quarantine for Hawaii and Puerto Rico (ARM, 2025).
<b>NEMATODE <i>Longidorus caespiticola</i> Hooper</b>	IT (Prota et al., 1971; Xu and Zhao, 2019), UK (Taylor and Brown, 1976; Xu and Zhao, 2019)	(Arias and Andres, 1989)	Roots extrapolated from other host plants (Towle and Doncaster, 1978; Valdez, 1972)	Vector of <i>Nepovirus arabis</i> , syn. <i>Arabis mosaic virus</i> (Valdez, 1972)

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
NEMATODE <i>Longidorus euonymus</i> Mali & Hooper	IT (Roca, 1991)	(Kumari and Decraemer, 2007; Xu and Zhao, 2019)	Rhizosphere (Kumari and Decraemer, 2007), roots extrapolated from general information of <i>L. euonymus</i> (Ferris, 2025)	None
NEMATODE <i>Longidorus macrosoma</i> Hooper	IT (Roca et al., 1984; Xu and Zhao, 2019), UK (Taylor and Brown, 1976; Xu and Zhao, 2019)	(Arias and Andres, 1989; Xu and Zhao, 2019)	Roots (Kunz, 2003)	Vector of several viruses (Xu and Zhao, 2019)
NEMATODE <i>Meloidogyne mali</i> Itoh, Ohshima & Ichinoe, syn. <i>Meloidogyne ulmi</i> Palmisano & Ambrogioni	BE (Suwannam and Wesemael, 2019), IT (Palmisano and Ambrogioni, 2000), NE (Janssen et al., 2017c), UK (Prior et al., 2019)	(Itoh et al., 1969)	Roots (Itoh et al., 1969)	Present in the continental United States in New York (Eisenback et al., 2017).
NEMATODE <i>Mesocriconema curvatum</i> (Raski) Loof & de Grisse, syn. <i>Criconemella curvatum</i> Raski	IT (Lamberti et al., 1987), UK (Flis et al., 2020)	(Hung and Jenkins, 1969)	Roots (Hung and Jenkins, 1969)	Present in the continental United States (UGA, 2025c; Zeng et al., 2012), but no records were found for Hawaii, Puerto Rico, or the U.S. Virgin Islands. This pest is quarantine for the continental United States (ARM, 2025)
NEMATODE <i>Pratylenchus fallax</i> Seinhorst	BE (Bert, 2003; Nickle, 1991), CAN (Yu, 2008; Yu et al., 1997), GE (Decker, 1974), NE (Hoestra, 1968; Janssen et al., 2017b), UK (CABI, 2025)	(Janssen et al., 2017b)	Roots (Verdejo-Lucas and Talavera, 2009)	Quarantine for Hawaii, Puerto Rico, and U.S. Territories; non-quarantine for the continental United States (ARM, 2025)
NEMATODE <i>Pratylenchus neglectus</i> (Rensch) Filipjev and Schuurmans-Stekhoven	CAN (CABI, 2025; Yu, 2008), GE (CABI, 2025), IT (Yan et al., 2013), NE (Hoestra, 1968), UK (Boag,	(Abawi and Mai, 1971; Pinochet et al., 1991; Potter et al., 1984)	Roots (Abawi and Mai, 1971; Pinochet et al., 1991; Potter et al., 1984)	Present in the continental United States (CABI, 2025; Yan et al., 2013). Non-quarantine pest for the continental United States,

<b>Pest name</b>	<b>Presence in BE, CAN, FR, GE, IT, NE, or UK</b>	<b>Host association</b>	<b>Plant part(s)</b>	<b>Notes</b>
	1983; Ibrahim et al., 1995)			quarantine for Hawaii and Puerto Rico (ARM, 2025).
NEMATODE <i>Pratylenchus penetrans</i> (Cobb) Filipjev & Schuurmans Stekhoven	BE, CAN, FR, GE, IT (CABI, 2025), NE (Askary et al., 2012; Hugo and Storey, 2017), UK (Corbett, 1970b)	(Caprile et al., 2021; Chitambar et al., 2019; Layne and Bassi, 2008)	Roots (Caprile et al., 2021; Chitambar et al., 2019; Layne and Bassi, 2008)	Present in the continental United States and Hawaii (CABI, 2025; Raabe et al., 1981; UGA, 2025c). Non-quarantine pest for the continental United States and Hawaii, quarantine for Puerto Rico (ARM, 2025).
NEMATODE <i>Pratylenchus pratensis</i> (de Man) Filipjev	CAN (Yu, 2008), IT (Janssen et al., 2017a), UK (Corbett, 1970b)	(Hugo and Storey, 2017)	Roots (Hugo and Storey, 2017; Lišková et al., 2007)	Present in the continental United States (UGA, 2025c), Hawaii (Raabe et al., 1981), and U.S. Virgin Islands (Martinez, 1981). This pest is quarantine for Hawaii and Puerto Rico and non-quarantine for the continental United States (ARM, 2025).
NEMATODE <i>Scutellonema brachyurus</i> (Steiner) Andrassy, syn. <i>Scutellonema brachyurum</i> (Steiner) Andrassy	BE (Nguyen et al., 2019), GE, IT, NE, UK (CABI/EPPO, 2006)	(Chitambar et al., 2019; Nesmith et al., 1981)	Roots (Chitambar et al., 2019; Nesmith et al., 1981)	Present in the continental United States and Hawaii (CABI, 2025; Raabe et al., 1981). Non-quarantine pest for the continental United States and Hawaii, quarantine for Puerto Rico (ARM, 2025).
NEMATODE <i>Xiphinema brevicolle</i> Lordello & DaCosta, syn. <i>Xiphinema brevicollum</i> Lordello & Da Costa	IT (CABI, 2025; Xu and Zhao, 2019)	(Xu and Zhao, 2019)	Rhizosphere (Philis, 1995), roots extrapolated from other host plants (Takeda et al., 2015)	Vector of <i>Nepovirus lycopersici</i> , syn. <i>Tomato ringspot virus</i> (Xu and Zhao, 2019). Present in Arizona (UGA, 2025c), California, Nevada, and Utah (Robbins, 1993), but considered a quarantine pest for the continental United States (ARM, 2025).
NEMATODE <i>Zygotylenchus guevarai</i> (Tobar Jiménez) Braun & Loof	FR (Deportes et al., 1979), GE (Sturhan, 2014), IT (Ambrogioni and Rapetti, 1992), NE (CABI/EPPO, 2008), UK (Barker and Hooper, 1995)	(Decker and Manninger, 1976)	Roots (Decker and Manninger, 1976)	Invalid presence record in California (CABI, 2025; CABI/EPPO, 2008).
<b>BACTERIUM</b>	<b>IT (Parrella et al., 2008), UK</b>	<b>(Salehi et al., 2020)</b>	<b>Whole plant [16SrII group]</b>	<b>Transmitted by the leafhopper <i>Orosioides</i></b>

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
' <i>Candidatus</i> Phytoplasma aurantifolia' Zreik et al. (16SrII group)	(Reeder et al., 2010)		(Zirak et al., 2009; Zirak et al., 2010), subgroup 16SrII-C (Salehi et al., 2020), subgroup 16SrII-A (Zirak et al., 2021)]	<i>albicinctus</i> and grafting (Salehi et al., 2020)
<b>BACTERIUM</b> ' <i>Candidatus</i> Phytoplasma mali' Seemüller and Schneider (16SrX-A), syn. apple proliferation mycoplasma	BE (CABI, 2025; Németh, 1986), FR (Seemüller and Schneider, 2007), GE (Danet et al., 2011), IT (Lee et al., 2010; Paltrinieri et al., 2001), NE (Peusens et al., 2014)	(Cieślińska and Morgaś, 2011; Mehle et al., 2007)	Whole plant (Cieślińska and Morgaś, 2011; Mehle et al., 2007)	Transmitted by psyllids, leafhoppers, and infected plant materials (CABI, 2025)
<b>BACTERIUM</b> ' <i>Candidatus</i> Phytoplasma phoenicium' Verdin et al. (16Sr IX-B)	IT (Nigro et al., 2019)	(Salehi et al., 2020)	Whole plant (Nigro et al., 2019; Salehi et al., 2020)	None
<b>BACTERIUM</b> ' <i>Candidatus</i> Phytoplasma prunorum' Seemüller and Schneider (16SrX-B), syn. European stone fruit yellows, Apricot chlorotic leaf roll, Peach vein clearing	BE (CABI, 2025; EPPO, 2025), FR (EPPO, 2025; Jarausch et al., 2001b), GE (Jarausch et al., 2019), IT (Landi et al., 2007), UK (Davies and Adams, 2000)	(Jarausch et al., 2007; Mehle et al., 2007; Seemüller and Schneider, 2004)	Whole plant (Ambrožič Turk et al., 2008; Cieślińska and Morgaś, 2011)	Lives in phloem (Hadidi et al., 2011); transmitted by the plum psyllid <i>Cacopsylla pruni</i> and through grafting (Carraro et al., 2004; Carraro et al., 2001).
<b>BACTERIUM</b> ' <i>Candidatus</i> Phytoplasma pyri' Seemüller & Schneider (16SrX-C), syn. Pear decline	BE (CABI, 2025; Németh, 1986), CAN (Hunter et al., 2010), FR (EPPO, 2025), GE (Danet et al., 2011; Etropolska	(Cieślińska and Morgaś, 2011)	Whole plant (Cieślińska and Morgaś, 2011; Paltrinieri et al., 2001)	This pest is present in the continental United States (Blomquist and Kirkpatrick, 2002). It is a quarantine pest for Hawaii and Puerto Rico (ARM, 2025).

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
	et al., 2011), IT (Lee et al., 2010; Paltrinieri et al., 2001), NE (CABI, 2025; EPPO, 2025; Peusens et al., 2014), UK (CABI, 2025; Davies et al., 1998)			
BACTERIUM 'Candidatus Phytoplasma solani' Quaglino et al. (16SrXII-A)	FR (Contaldo et al., 2021; Sémétey et al., 2018), GE, IT (Quaglino et al., 2013)	(Allahverdi et al., 2014)	Whole plant (Allahverdi et al., 2014; Quaglino et al., 2013)	Lives in phloem (Quaglino et al., 2013); it spreads by insect vectors, grafting, and by dodder (CABI, 2025).
BACTERIUM 'Candidatus Phytoplasma trifolii' Hiruki and Wang (16SrVI-A)	CAN (Hiruki and Wang, 2004), IT (Zambon et al., 2017)	(Zirak et al., 2009; Zirak et al., 2010)	Whole plant (Zirak et al., 2009; Zirak et al., 2010)	This pest is considered quarantine for the continental United States (ARM, 2025), although it is present in multiple states (CABI, 2025; Hiruki and Wang, 2004; UGA, 2025a).
BACTERIUM <i>Pseudomonas syringae</i> pv. <i>persicae</i> Prunier, Luisetti and Gardan	FR (EPPO, 2025; Young, 1988; Young et al., 1996)	(Ruinelli et al., 2019; Young et al., 1996)	Bark, branches, wood (Young, 1988), bark, fruit, leaves, roots, stems, wood (CABI, 2025)	None
BACTERIUM <i>Xylella fastidiosa</i> Wells et al., syn. <i>Xylella fastidiosa</i> subsp. <i>multiplex</i> Schaad et al.	CAN (Goodwin and Zhang, 1997), FR (EPPO, 2025), IT (Marchi et al., 2018)	(Hernandez-Martinez et al., 2007; Nunney et al., 2013; Saponari et al., 2014)	Xylem-limited bacterium (Hernandez-Martinez et al., 2007), bulbs, flowers, fruit, leaves, roots, seed, stems, tubers extrapolated from other plant hosts (CABI, 2025)	Quarantine pest for the continental United States, Hawaii, and Puerto Rico (ARM, 2025) and under official control in California (USDA APHIS, 2020). It is present in the continental United States (Hilton et al., 2017; Loyd and Bechtel, 2020). No evidence was found of this pest in Hawaii. CABI (2025) lists this pest as present in Puerto Rico but additional evidence was not found.

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
<b>BACTERIUM</b> <i>Xylella fastidiosa</i> subsp. <i>pauca</i> Schaad, Postnikova, Lacy, Fatmic & Chang, syn. Citrus variegated chlorosis strain	IT (Giampetruzzi et al., 2016; Luvisi et al., 2017)	(Saponari et al., 2014)	Whole plant (Saponari et al., 2014)	The citrus variegated chlorosis (CVC) strain of <i>Xylella fastidiosa</i> was renamed as <i>Xylella fastidiosa</i> subsp. <i>pauca</i> (Coletta-Filho et al., 2020) and is a quarantine pest for the continental US, Hawaii, and Puerto Rico at the species level (ARM, 2025).
<b>VIRUS</b> <i>Alphachrysovirus cerasi</i> , syn. <i>Alphachrysovirus Amasya cherry disease associated chrysovirus</i> , cherry chlorotic rusty spot	IT (Covelli et al., 2004)	(Covelli et al., 2004)	Whole plant (Covelli et al., 2004)	Cherry chlorotic rusty spot disease is associated with the fungus <i>Apiognomonia erythrostoma</i> (which also causes cherry leaf scorch (Hecht and Zinkernagel, 2006; Ogawa et al., 1995); see Appendix) and various mycoviruses, including <i>Alphachrysovirus cerasi</i> (Carrieri et al., 2011). However, it is unclear which pathogen causes the disease or if it is a disease complex (Carrieri et al., 2011; Hadidi et al., 2011).
<b>VIRUS</b> <i>Fabavirus</i> Cherry virus F	CAN (James et al., 2019)	(Jo et al., 2021; Koloniuk et al., 2018)	Viral infections are considered systemic (Agrios, 1997)	We found no evidence of this putative virus in the continental United States, Hawaii, or Puerto Rico.
<b>VIRUS</b> <i>Fabavirus pruni</i> , syn. <i>Fabavirus Prunus virus F</i>	BE (CABI, 2025; Tahzima et al., 2019), CAN (James et al., 2018; James et al., 2019)	(James et al., 2018; Šafářová et al., 2017)	Systemically infects hosts, probably aphid transmitted (Koloniuk et al., 2018; Tahzima et al., 2019)	Neither this virus species, nor its genus is listed in ARM (2025), and it is not present in the United States.
<b>VIRUS</b> <i>Foveavirus latensarmeniacaе</i> , syn. <i>Foveavirus Apricot latent virus</i>	IT (Barone et al., 2008)	(Hadidi et al., 2011)	Whole plant (García-Ibarra et al., 2010; Hadidi et al., 2011)	Spread by bud and chip grafting (Zemtchik et al., 1998)

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
VIRUS <i>Foveavirus</i> Cherry rusty mottle virus (European strain)	UK (Németh, 1986)	(Hadidi et al., 2011; Németh, 1986)	Whole plant (Hadidi et al., 2011; Németh, 1986)	This putative virus differs from the American strain of cherry rusty mottle disease, caused by <i>Robigovirus robigomaculae</i> ( <i>Cherry rusty mottle associated virus</i> ) (CABI, 2025; Hadidi et al., 2011).
VIRUS <i>Luteovirus</i> Peach-associated luteovirus	IT (Sorrentino et al., 2018)	(Zhou et al., 2018)	Whole plant (Sorrentino et al., 2018; Zhou et al., 2018)	Single (Wu et al., 2017) or in mixed infections with other viruses (Xu et al., 2019; Zhou et al., 2018).
VIRUS <i>Potyvirus plumpoxi</i> , syn. <i>Potyvirus Plum pox virus</i>	BE, FR, GE, IT, NE, UK (CABI, 2025)	(Hadidi et al., 2011; Levy et al., 2000; Thompson et al., 2001; Zotto et al., 2006)	Whole plant (Hadidi et al., 2011; Ogawa et al., 1995)	Quarantine pest for the continental United States (ARM, 2025), and is regulated domestically (7 CFR § 301.74, 2023). It is not present in the United States; it has been eradicated (USDA APHIS, 2021b).
VIRUS <i>Prunevirus armeniaca</i> , syn. <i>Prunevirus Apricot vein clearing associated virus</i>	IT (Abou Kubaa et al., 2014; Elbeaino et al., 2014)	(Kinoti et al., 2017)	Systemic (Al Rwahnih et al., 2021; Elbeaino et al., 2014; Kinoti et al., 2017; Tahzima et al., 2020)	Infection with AVCaV to stone fruit trees is often latent (Abou Kubaa et al., 2014). Detected in California (Al Rwahnih et al., 2021)
VIRUS <i>Tepovirus tafpruni</i> , syn. <i>Tepovirus Prunus virus T</i>	IT (Marais et al., 2014)	(Marais et al., 2014)	Systemic (Marais et al., 2014)	In mixed infections with other viruses (Marais et al., 2014); transmitted by grafting (Rubio et al., 2017)
VIRUS <i>Tobamovirus viridimaculae</i> , syn. <i>Tobamovirus Cucumber green mottle mosaic virus</i>	FR (Blattný and Janecková, 1980; Crespo et al., 2017), GE (Müller et al., 2006), NE (van Dorst, 1988), UK (Hargreaves, 2011)	(Blattný and Janecková, 1980; Cech et al., 1980)	Whole plant (Cech et al., 1980), leaves, branches, crowns, flowers, bark, wood (Blattný and Janecková, 1980), fruit (van Dorst, 1988)	Quarantine pest for the continental United States and is under official control (USDA APHIS, 2021a). It is present in the continental United States (Pitman et al., 2019; Tian et al., 2014).

Pest name	Presence in BE, CAN, FR, GE, IT, NE, or UK	Host association	Plant part(s)	Notes
VIRUS <i>Tombusvirus dianthi</i> , syn. <i>Tombusvirus Carnation Italian ringspot virus</i>	IT (Russo et al., 2008)	(Lesemann et al., 1989)	Systemic (Koenig et al., 2009; Lesemann et al., 1989; Pfeilstetter et al., 1992)	Historically detected on carnations exported from the United States to Britain (Hollings et al., 1970), however, we found no recent reports to support a domestic distribution of this virus; transmitted through soil (general information on <i>Tombusvirus</i> ) (Rochon et al., 2011)
VIRUS <i>Tombusvirus petuniae</i> , syn. <i>Tombusvirus Petunia asteroid mosaic virus</i>	GE (Koenig et al., 1989), NE (Verhoeven et al., 2006)	(Gospodaryk et al., 2013; Koenig and Kunze, 1982; Mandic et al., 2007; Ražov et al., 2021; Rubio et al., 2017)	Viral infections are considered systemic (Agrios, 1997)	This pest is not listed in ARM (ARM, 2025). We found no evidence of this pest in the continental United States, Hawaii, or Puerto Rico.
VIRUS <i>Trichovirus armeniaca</i> , syn. <i>Trichovirus Apricot pseudo-chlorotic leaf spot virus</i>	FR (EPPO, 2025), IT (Barone et al., 2008; Liberti et al., 2005)	(Jo et al., 2017; Liberti et al., 2005; Yu et al., 2013)	Systemic (Hadidi et al., 2011; Liberti et al., 2005; Šafařová et al., 2011)	Vector is unknown (Hadidi et al., 2011); spread by grafting (Hadidi et al., 2011) and mites (general information on <i>Trichovirus</i> ) (Adams et al., 2011).

## 2.2. Notes on pests identified in the pest list

*Ostrinia nubilalis* (Hübner) (Lepidoptera: Crambidae): Egg masses are laid in the underside of leaves (Jentsch, 2021), although surrounding weed hosts are the primary source of shoot infestation by larvae (Eaton, 2011; MacCreary and Milliron, 1952; Weires and Straub, 1982). Larvae tunnel into shoots of young trees and fruit to feed (Alford, 2014; Weires and Straub, 1982). Small holes with frass deposits on the outside of shoots are left at the site of larval entry, usually near the axil of a leaf. Shoot tunneling by larvae causes death of the portion distal of the feeding site or predisposes the shoot to breakage (CABI, 2025; Weires and Straub, 1982). Larvae migrate away from the feeding site during the handling and shipment to market of infested plant products (Caffrey and Worthley, 1930) and does not seem to overwinter in shoots (Weires and Straub, 1982). *Ostrinia nubilalis* larvae are highly unlikely to follow the pathway.

## 2.3. Pests considered but not included on the pest list

### 2.3.1. Pathogens with non-quarantine status

We found evidence of pathogens that are associated with *Prunus* spp. unrooted cuttings and are present in the export area; however, they are not of quarantine significance for the PRA area (see Appendix).

### 2.3.2. Quarantine pests considered but not included on the pest list

*Anoplophora glabripennis* (Motschulsky) (Coleoptera: Cerambycidae), the Asian longhorned beetle (ALB), is reported from France (with a restricted distribution (NAPPO, 2019b)), Germany (where it is under eradication (NAPPO, 2019a)), and Italy (Favaro et al., 2015). Records of *Prunus* spp. as hosts are limited. Several reports associate ALB with *Prunus* with no additional information (Haack et al., 2010; Lingafelter and Hoebeke, 2002; Nowak et al., 2001); another report lists *Prunus* as an oviposition host, though the life cycle was not determined to be completed (Li and Wu, 1993) and in other studies no survival after oviposition was recorded (Wang, 2012). Additionally, ALB completes development in hosts that are 2 cm or larger in diameter (Morewood et al., 2003; Morewood et al., 2004), and are rarely, if ever, intercepted on budwood (Saccaggi and Pieterse, 2013). Because there are no validated records of infestation on *Prunus* spp. (PPRA, 2025), we did not include this pest on Table 1.

*Aleurocanthus woglumi* Ashby (Hemiptera: Aleyrodidae) is primarily a pest of citrus and while it is reported to associate with *Prunus* sp., we found no reports of damage (Shaw, 1950). It has been reported in France, Italy, the United Kingdom, and the United States (Evans, 2008). This quarantine pest was recommended for deregulation (ARM, 2025; PERAL, 2020) due to its presence in multiple states including Hawaii and Puerto Rico (ARM, 2025).

*Fusarium graminearum* Schwabe, syn. *Gibberella zae* (Schwein.) Petch is a quarantine pest for Puerto Rico, and non-quarantine for the continental United States and Hawaii (ARM, 2025). It is present in Belgium, Canada, France, Germany, Italy, the Netherlands, and the United Kingdom (CABI, 2025). This pest is mainly associated with cereals and corn (CABI, 2025), and we found only one report of this pest on *Prunus* (Kobayashi, 2007) with no report of damage or plant part, therefore we did not include this pest in Table 1.

*Neonectria coccinea* (Pers. : Fr.) Rossman & Samuels: There are reports of this pathogen on *Prunus* spp. and being present in Canada, France, Germany, Italy, the Netherlands, the United Kingdom, and the United States (Farr and Rossman, 2025). However, it has been determined that *N. coccinea sensu stricto* is restricted to *Fagus* spp. hosts in Europe and Asia, whereas reports in North America should be identified as *Neonectria faginata* (M.L. Lohman, A.M.J. Watson & Ayers) Castl. & Rossman (Farr and Rossman, 2025; Hirooka et al., 2013).

### 2.3.3. Organisms identified only to the genus level

In commodity risk assessments, the taxonomic unit for pests selected for evaluation beyond the pest categorization stage is usually the species (IPPC, 2021). Generally, we do not assess risk for organisms identified only to the genus level, especially if the genus is reported in the PRA area. Many genera contain multiple species, and we cannot know if the unidentified species occurs or is regulated in the PRA area. Because the organism has not been fully identified, we cannot properly assess the likelihood and consequences of its introduction. However, if the genus is

absent from the PRA area or is actionable at U.S. ports of entry, the genus can be regulated as a quarantine pest. We identified no quarantine genera that could follow the commodity pathway.

### 3. Summary

We determined the following 130 quarantine pests have a reasonable likelihood of following the commodity import pathway (Table 2).

**Table 2.** Pests that can follow the commodity import pathway.

Pest type	Taxonomy	Scientific name
Insect	Coleoptera: Buprestidae	<i>Agrilus olivicolor</i> Kiesenwetter
Insect	Coleoptera: Cerambycidae	<i>Anoplophora chinensis</i> (Förster)
Insect	Coleoptera: Cerambycidae	<i>Aromia bungii</i> Faldermann
Insect	Coleoptera: Cerambycidae	<i>Leiopus linnei</i> Wallin, Nýlander & Kvamme
Insect	Coleoptera: Curculionidae	<i>Lymantor coryli</i> (Perris)
Insect	Coleoptera: Curculionidae	<i>Scolytus amygdali</i> Guérin-Méneville
Insect	Coleoptera: Curculionidae	<i>Scolytus ensifer</i> Eichhoff
Insect	Coleoptera: Curculionidae	<i>Scolytus kirschii</i> Skalitzky
Insect	Coleoptera: Curculionidae	<i>Scolytus pygmaeus</i> (F.)
Insect	Coleoptera: Curculionidae	<i>Scolytus scolytus</i> (F.)
Insect	Diptera: Cecidomyiidae	<i>Resseliella oculiperda</i> (Rübsaamen)
Insect	Hemiptera: Aphididae	<i>Brachycaudus amygdalinus</i> (Schouteden)
Insect	Hemiptera: Aphididae	<i>Brachycaudus schwartzi</i> (Börner)
Insect	Hemiptera: Aphididae	<i>Hyalopterus amygdali</i> (Blanchard)
Insect	Hemiptera: Aphididae	<i>Myzus mumecola</i> (Matsumura)
Insect	Hemiptera: Aphididae	<i>Pterochloroides persicae</i> (Cholodkovsky)
Insect	Hemiptera: Cicadellidae	<i>Alnetoidia alneti</i> (Dahlbom)
Insect	Hemiptera: Cicadellidae	<i>Cicadella viridis</i> (L.)
Insect	Hemiptera: Cicadellidae	<i>Edwardsiana crataegi</i> (Douglas)*
Insect	Hemiptera: Cicadellidae	<i>Typhlocyba quercus</i> (F.)*
Insect	Hemiptera: Coccidae	<i>Ceroplastes japonicus</i> Green
Insect	Hemiptera: Coccidae	<i>Ceroplastes rubens</i> Maskell
Insect	Hemiptera: Coccidae	<i>Ceroplastes rusci</i> (L.)*
Insect	Hemiptera: Coccidae	<i>Ceroplastes sinensis</i> Del Guercio*
Insect	Hemiptera: Coccidae	<i>Eulecanium ciliatum</i> (Douglas)
Insect	Hemiptera: Coccidae	<i>Eulecanium tiliae</i> (L.)*
Insect	Hemiptera: Coccidae	<i>Filippia follicularis</i> (Targioni Tozzetti)
Insect	Hemiptera: Coccidae	<i>Lichtensia viburni</i> Signoret
Insect	Hemiptera: Coccidae	<i>Palaeolecanium bituberculatum</i> (Signoret)
Insect	Hemiptera: Coccidae	<i>Parthenolecanium rufulum</i> (Cockerell)
Insect	Hemiptera: Coccidae	<i>Pulvinaria regalis</i> Canard
Insect	Hemiptera: Coccidae	<i>Sphaerolecanium prunastri</i> (Boyer de Fonscolombe)*
Insect	Hemiptera: Coccidae	<i>Takahashia japonica</i> (Cockerell)
Insect	Hemiptera: Diaspididae	<i>Aulacaspis tubercularis</i> Newstead*
Insect	Hemiptera: Diaspididae	<i>Diaspidiotus lenticularis</i> (Lindinger)
Insect	Hemiptera: Diaspididae	<i>Diaspidiotus marani</i> (Zahradnik)
Insect	Hemiptera: Diaspididae	<i>Diaspidiotus pyri</i> (Lichtenstein)
Insect	Hemiptera: Diaspididae	<i>Melanaspis inopinata</i> (Leonardi)
Insect	Hemiptera: Diaspididae	<i>Suturaspis archangelskyae</i> (Lindinger)

<b>Pest type</b>	<b>Taxonomy</b>	<b>Scientific name</b>
Insect	Hemiptera: Issidae	<i>Agalmatium flavescens</i> (Olivier)
Insect	Hemiptera: Miridae	<i>Apolygus spinolae</i> (Meyer-Dür)
Insect	Hemiptera: Monophlebidae	<i>Icerya seychellarum</i> (Westwood)
Insect	Hemiptera: Oxycarenidae	<i>Oxycarenus hyalinipennis</i> (Costa)
Insect	Hemiptera: Oxycarenidae	<i>Oxycarenus lavaterae</i> (F.)
Insect	Hemiptera: Pseudococcidae	<i>Phenacoccus peruvianus</i> Granara de Willink*
Insect	Hemiptera: Ricaniidae	<i>Ricania shantungensis</i> Cho & Lu
Insect	Hemiptera: Ricaniidae	<i>Ricania speculum</i> (Walker)
Insect	Hemiptera: Tingidae	<i>Monosteira unicastata</i> (Mulsant & Rey)
Insect	Hemiptera: Tingidae	<i>Stephanitis pyri</i> (F.)
Insect	Hymenoptera: Siricidae	<i>Tremex fuscicornis</i> (F.)
Insect	Lepidoptera: Buccalatricidae	<i>Bucculatrix bechsteinella</i> (Bechstein & Scharfenberg)
Insect	Lepidoptera: Erebidae	<i>Euproctis similis</i> (Fuessly)
Insect	Lepidoptera: Erebidae	<i>Lymantria monacha</i> L.
Insect	Lepidoptera: Gelechiidae	<i>Parachronistis albiceps</i> (Zeller)
Insect	Lepidoptera: Geometridae	<i>Abraxas grossulariata</i> (L.)
Insect	Lepidoptera: Geometridae	<i>Epirrita dilutata</i> (Denis & Schiffermüller)
Insect	Lepidoptera: Geometridae	<i>Erannis defoliaria</i> Clerck
Insect	Lepidoptera: Geometridae	<i>Ourapteryx sambucaria</i> (L.)
Insect	Lepidoptera: Geometridae	<i>Pasiphila rectangulata</i> (L.)*
Insect	Lepidoptera: Lasiocampidae	<i>Gastropacha quercifolia</i> (L.)
Insect	Lepidoptera: Lasiocampidae	<i>Malacosoma neustria</i> (L.)
Insect	Lepidoptera: Lasiocampidae	<i>Odonestis pruni</i> (L.)
Insect	Lepidoptera: Lasiocampidae	<i>Trichiura crataegi</i> (L.)
Insect	Lepidoptera: Lyonetiidae	<i>Leucoptera malifoliella</i> (Costa)
Insect	Lepidoptera: Noctuidae	<i>Acronicta psi</i> (L.)
Insect	Lepidoptera: Noctuidae	<i>Acronicta tridens</i> (Denis & Schiffermüller)
Insect	Lepidoptera: Noctuidae	<i>Allophyes oxyacanthae</i> (L.)
Insect	Lepidoptera: Noctuidae	<i>Cosmia pyralina</i> (Denis & Schiffermüller)
Insect	Lepidoptera: Noctuidae	<i>Diloba caeruleocephala</i> (L.)
Insect	Lepidoptera: Oecophoridae	<i>Diurnea lipsiella</i> (Denis & Schiffermüller)
Insect	Lepidoptera: Pyralidae	<i>Cryptoblabes gnidiella</i> (Millière)
Insect	Lepidoptera: Sesiidae	<i>Synanthedon myopaeformis</i> (Borkhausen)*
Insect	Lepidoptera: Tortricidae	<i>Acleris rhombana</i> (Denis & Schiffermüller)*
Insect	Lepidoptera: Tortricidae	<i>Archips crataegana</i> (Hübner)
Insect	Lepidoptera: Tortricidae	<i>Archips xylosteana</i> (L.)
Insect	Lepidoptera: Tortricidae	<i>Argyrotaenia ljunghiana</i> (Thunberg)
Insect	Lepidoptera: Tortricidae	<i>Choristoneura hebenstreitella</i> Müller
Insect	Lepidoptera: Tortricidae	<i>Enarmonia formosana</i> Scopoli*
Insect	Lepidoptera: Tortricidae	<i>Epichoristodes acerbella</i> (Walker)
Insect	Lepidoptera: Tortricidae	<i>Eupoecilia ambiguella</i> Hübner
Insect	Lepidoptera: Tortricidae	<i>Grapholita funebrana</i> (Treitschke)
Insect	Lepidoptera: Tortricidae	<i>Grapholita lobarzewskii</i> Nowicki
Insect	Lepidoptera: Tortricidae	<i>Hedya pruniana</i> (Hübner)
Insect	Lepidoptera: Tortricidae	<i>Lobesia botrana</i> Dennis & Schiffermüller
Insect	Lepidoptera: Tortricidae	<i>Neosphaleroptera nubilana</i> (Hübner)
Insect	Lepidoptera: Tortricidae	<i>Pammene rhediella</i> Clerck
Insect	Lepidoptera: Tortricidae	<i>Pandemis cerasana</i> (Hübner)*

Pest type	Taxonomy	Scientific name
Insect	Lepidoptera: Yponomeutidae	<i>Argyresthia albistria</i> (Haworth)
Insect	Lepidoptera: Yponomeutidae	<i>Argyresthia pruniella</i> (Clerck)*
Insect	Lepidoptera: Yponomeutidae	<i>Yponomeuta evonymella</i> (L.)
Insect	Lepidoptera: Zygaenidae	<i>Aglaope infausta</i> (L.)
Insect	Thysanoptera: Phlaeothripidae	<i>Haplothrips aculeatus</i> (F.)
Insect	Thysanoptera: Thripidae	<i>Thrips flavus</i> Schrank
Mite	Eriophyidae	<i>Eriophyes similis</i> (Nalepa)
Mite	Tenuipalpidae	<i>Cenopalpus pulcher</i> (Canestrini & Fanzago)*
Mite	Tetranychidae	<i>Amphitetranychus viennensis</i> (Zacher)
Fungus	Sordariomycetes: Glomerellales	<i>Colletotrichum boninense</i> Moriwaki, Toy. Sato & Tsukib.
Fungus	Dothideomycetes: Pleosporales	<i>Didymosphaeria rubi-ulmifolii</i> Ariyaw., Camporesi & K.D. Hyde
Fungus	Dothideomycetes: Pleosporales	<i>Didymosphaeria variabile</i> (Riccioni, Damm, Verkley & Crous) Ariyaw. & K.D. Hyde
Fungus	Leotiomycetes: Helotiales	<i>Encoelia fimbriata</i> Spooner & Trigaux
Fungus	Agaricomycetes: Hymenochaetales	<i>Fomitiporia mediterranea</i> M. Fisch.
Fungus	Dothideomycetes: Botryosphaeriales	<i>Neofusicoccum ribis</i> (Slippers, Crous & M.J. Wingf.) Crous, Slippers & A.J.L. Phillips*
Fungus	Sordariomycetes: Togniniales	<i>Phaeoacremonium tuscanum</i> Essakhi, Mugnai, Surico & Crous
Fungus	Pucciniomycetes: Pucciniales	<i>Tranzschelia discolor</i> (Fuckel) Tranzschel & M.A. Litv.*
Fungus	Dothidiomycetes: Capnodiales	<i>Wilsonomyces carpophilus</i> (Lév.) Adask., Ogawa & Butler*
Chromistan	Oomycetes: Peronosporales	<i>Phytophthora citricola</i> Sawada*
Chromistan	Oomycetes: Peronosporales	<i>Phytophthora ramorum</i> Werres, De Cock & Man in 't Veld
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma aurantifolia' Zreik et al. (16SrII group)
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma mali' Seemüller and Schneider (16SrX-A)
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma phoenicium' Verdin et al. (16Sr IX-B)
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma prunorum' Seemüller and Schneider (16SrX-B)
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma pyri' Seemüller & Schneider (16SrX-C)*
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma solani' Quaglino et al. (16SrXII-A)
Bacterium	Acholeplasmataceae	' <i>Candidatus</i> Phytoplasma trifolii' Hiruki and Wang (16SrVI-A)
Bacterium	Pseudomonadaceae	<i>Pseudomonas syringae</i> pv. <i>persicae</i> Prunier, Luisetti and Gardan
Bacterium	Lysobacteraceae	<i>Xylella fastidiosa</i> Wells et al.
Bacterium	Lysobacteraceae	<i>Xylella fastidiosa</i> subsp. <i>pauca</i> Schaad, Postnikova, Lacy, Fatmic & Chang

Pest type	Taxonomy	Scientific name
Virus	Chrysoviridae	<i>Alphachrysovirus cerasi</i>
Virus	Secoviridae	<i>Fabavirus</i> Cherry virus F
Virus	Secoviridae	<i>Fabavirus pruni</i>
Virus	Betaflexiviridae	<i>Foveavirus latensarmeniaca</i>
Virus	Betaflexiviridae	<i>Foveavirus</i> Cherry rusty mottle virus (European strain)
Virus	Tombusviridae	<i>Luteovirus</i> Peach-associated luteovirus
Virus	Potyviridae	<i>Potyvirus plumboxi</i>
Virus	Betaflexiviridae	<i>Prunevirus armeniaca</i>
Virus	Betaflexiviridae	<i>Tepovirus tafpruni</i>
Virus	Virgaviridae	<i>Tobamovirus viridimaculae</i>
Virus	Tombusviridae	<i>Tombusvirus dianthi</i>
Virus	Tombusviridae	<i>Tombusvirus petuniae</i>
Virus	Betaflexiviridae	<i>Trichovirus armeniaca</i>

\*This applies only to Hawaii or the U.S. territories.

The following pest can follow the commodity pathway. It was previously determined to pose an unacceptable risk to the PRA area and domestic regulations are in place. This pest is a candidate for risk mitigation.

Pest type	Taxonomy	Scientific name	Code of Federal Regulations
Insect	Lepidoptera: Erebidae	<i>Lymantria dispar</i> (L.)	(7 CFR § 301.45, 2017)

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## 5. Appendix: Pathogens with non-quarantine status

We found evidence that the organisms listed below are associated with *Prunus* spp. unrooted cuttings and are present in Belgium (BE), Canada (CAN), France (FR), Germany (GE), Italy (IT), the Netherlands (NE) and the United Kingdom (UK); however, none are of quarantine significance for the United States (ARM, 2025), or as defined by ISPM No. 5 (IPPC, 2022). Although we did not intensively evaluate the evidence, we provide references supporting each pest's potential presence in Belgium, Canada, France, Germany, Italy, the Netherlands and the United Kingdom, presence in United States (if applicable), and association with *Prunus* spp. If any of the organisms are **not** present in the United States, we also provided justification for their non-quarantine status. Unless otherwise noted, these organisms are non-actionable at U.S. ports of entry (ARM, 2025).

Organism	In BE, CAN, FR, GE, IT, NE, or UK	In U.S.	Host Association	Notes
NEMATODE <i>Aphelenchoides fragariae</i> (Ritzema - Bos) Christie	GE, UK (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
NEMATODE <i>Criconema mutabile</i> Taylor, syn. <i>Nothocriconema mutabile</i> (Taylor) de Grisse & Loof	BE (Bert et al., 2003), FR (INPN, 2022), IT (Coir et al., 1991; Yeates et al., 1997)	(McKenry et al., 1990; Raabe et al., 1981; UGA, 2025c)	(Lownsbery et al., 1974; Luna-Guerrero et al., 2011; McKenry et al., 1990; Raski, 1952)	N/A
NEMATODE <i>Ditylenchus dipsaci</i> (Kühn) Filipjev	NE (EPPO, 2025)	(CABI, 2025)	(Sattorovich and Baxtiyorovna, 2021)	N/A
NEMATODE <i>Helicotylenchus dihystera</i> (Cobb) Sher	CAN, IT, UK (CABI, 2025)	(CABI, 2025)	(Kotcon, 1990; Ogawa et al., 1995; Poiras et al., 2013)	N/A
NEMATODE <i>Helicotylenchus pseudorobustus</i> (Steiner) Golden	CAN, IT, NE, UK (CABI, 2025)	(CABI, 2025; Chitambar et al., 2019)	(Askary et al., 2012; Chitambar et al., 2019; Khan et al., 2013)	N/A
NEMATODE <i>Longidorus elongatus</i> (de Man) Micoletzky	CAN (CABI, 2025), IT, UK (Xu and Zhao, 2019)	(CABI, 2025; UGA, 2025c)	(Kumari and Decraemer, 2007; Xu and Zhao, 2019)	N/A
NEMATODE <i>Meloidogyne arenaria</i> (Neal) Chitwood	IT, NE, UK (CABI, 2025)	(CABI, 2025)	(Adaskaveg et al., 2021; Day et al., 2021; Quero-García et al., 2017)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
NEMATODE <i>Meloidogyne hapla</i> Chitwood	CAN, IT (CABI, 2025), UK (CABI, 2025; Stephan, 1983)	(CABI, 2025)	(Day et al., 2021; Lišková et al., 2007; Quero-García et al., 2017)	N/A
NEMATODE <i>Meloidogyne incognita</i> (Kofoid & White) Chitwood	BE, CAN, FR, IT, NE (CABI, 2025), UK (Tesařová et al., 2003)	(CABI, 2025)	(Adaskaveg et al., 2021; Caprile et al., 2021; Day et al., 2021)	N/A
NEMATODE <i>Meloidogyne javanica</i> (Treub) Chitwood	BE (CABI, 2025), CAN (NAPPO, 2022), FR, IT, NE (CABI, 2025)	(CABI, 2025)	(Adaskaveg et al., 2021; Caprile et al., 2021; Day et al., 2021)	N/A
NEMATODE <i>Merlinius brevidens</i> (Allen) Siddiqi, syn. <i>Geocenamus brevidens</i> Brzeski	IT, UK (CABI, 2025)	(CABI, 2025; Smiley et al., 2006)	(Chitambar et al., 2019; Siddiqui et al., 1973)	N/A
NEMATODE <i>Mesocriconema xenoplax</i> (Raski) Loof and de Grisse, syn. <i>Macroposthonia xenoplax</i> (Raski) De Grisse & Loof, <i>Criconemella xenoplax</i> (Raski) Luc & Raski	IT (Malossini et al., 2011)	(UGA, 2025c)	(Adaskaveg et al., 2021; Bentley et al., 2021; Day et al., 2021; Haviland et al., 2025)	N/A
NEMATODE <i>Nanidorus minor</i> (Colbran) Siddiqi, syn. <i>Paratrichodorus minor</i> (Colbran) Siddiqi	CAN (NAPPO, 2022), IT (Xu and Zhao, 2019)	(CABI, 2025; Xu and Zhao, 2019)	(Li et al., 2010; McKenry and Kretsch, 1987; Xu and Zhao, 2019)	N/A
NEMATODE <i>Paratrichodorus pachydermus</i> (Seinhorst) Siddiqi	UK (Xu and Zhao, 2019)	(UGA, 2025c)	(Xu and Zhao, 2019)	N/A
NEMATODE <i>Paratrichodorus porosus</i> (Allen) Siddiqi, syn. <i>Trichodorus porosus</i> Allen	IT (CABI, 2025)	(CABI, 2025)	(Xu and Zhao, 2019; Zheng et al., 2004)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
NEMATODE <i>Paratylenchus nanus</i> Cobb	IT (Roca and Lamberti, 1984)	(Chitambar et al., 2019)	(Chitambar et al., 2019; Kotcon, 1990)	N/A
NEMATODE <i>Pratylenchus brachyurus</i> (Godfrey) Filipjev & Schuurmans Stekhoven	IT (CABI, 2025)	(CABI, 2025)	(Chitambar et al., 2019; Layne and Bassi, 2008)	N/A
NEMATODE <i>Pratylenchus crenatus</i> Loof	CAN (Ferris, 2025; Yu, 2008), IT (Castillo et al., 2010; Inserra et al., 1979), UK (Corbett, 1970a; Ibrahim et al., 1995)	(UGA, 2025c)	(Lišková et al., 2007; Siddiqui et al., 1973)	N/A
NEMATODE <i>Pratylenchus thornei</i> Sher & Allen	CAN, IT (CABI, 2025), NE (Hoestra, 1968), UK (Corbett, 1970b)	(CABI, 2025)	(Chitambar et al., 2019; Khan et al., 2013; Lišková et al., 2007)	N/A
NEMATODE <i>Pratylenchus vulnus</i> Allen & Jensen	BE (Bert et al., 2003), CAN, FR (CABI, 2025), IT (Castillo et al., 2010), NE (CABI, 2025; EPPO, 2025), UK (Corbett, 1970b)	(CABI, 2025)	(Adaskaveg et al., 2021; Bentley et al., 2021; Caprile et al., 2021; Day et al., 2021; Haviland et al., 2025)	N/A
NEMATODE <i>Rotylenchus robustus</i> (de Man) Filipjev, syn. <i>Rotylenchus fallorobustus</i> Sher	IT (Moretti and Mancini, 1976), UK (Boag, 1983)	(UGA, 2025c)	(Lišková et al., 2007)	N/A
NEMATODE <i>Trichodorus primitivus</i> (de Man) Micoletzky	CAN, IT, UK (CABI, 2025)	(CABI, 2025)	(Lišková et al., 2007; Xu and Zhao, 2019)	N/A
NEMATODE <i>Trichodorus similis</i> Seinhorst	IT (Roca and Lamberti, 1984), UK (Riga et al., 2007; Xu and Zhao, 2019)	(Lehman, 2002; Riga et al., 2007; Subbotin et al., 2020; Xu and Zhao, 2019)	(Xu and Zhao, 2019)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
NEMATODE <i>Trichodorus sparsus</i> Szczygiel	IT (Coiro and Sasanell, 1994; Roca and Lamberti, 1984), UK (Xu and Zhao, 2019)	(Lehman, 2002)	(Lišková et al., 2007)	N/A
NEMATODE <i>Trichodorus viruliferus</i> Hooper	BE, FR, GE (CABI/EPPO, 2005), IT (Roca and Lamberti, 1984; Xu and Zhao, 2019), NE (CABI/EPPO, 2005), UK (Xu and Zhao, 2019)	(Lehman, 2002; Weingartner and Shumaker, 1990)	(Xu and Zhao, 2019)	N/A
NEMATODE <i>Tylenchorhynchus claytoni</i> Stainer	IT, UK (CABI, 2025)	(CABI, 2025)	(Walters et al., 2008)	N/A
NEMATODE <i>Tylenchorhynchus cylindricus</i> Cobb	IT (Bobokulovna and Rikhsikhodjayevna, 2020)	(UGA, 2025c)	(Lišková et al., 2007)	N/A
NEMATODE <i>Xiphinema americanum</i> Cobb	CAN, UK (CABI, 2025)	(CABI, 2025)	(Caprile et al., 2021; Day et al., 2021; Haviland et al., 2025)	N/A
NEMATODE <i>Xiphinema diversicaudatum</i> (Micoletzky), Thorne	IT, UK (CABI, 2025), NE (CABI, 2025; EPPO, 2025)	(CABI, 2025)	(Knight et al., 1997; Layne and Bassi, 2008; Verdejo-Lucas and Talavera, 2009)	N/A
NEMATODE <i>Xiphinema index</i> Thorne and Allen	FR, GE, IT (CABI, 2025)	(CABI, 2025)	(Xu and Zhao, 2019)	N/A
NEMATODE <i>Xiphinema rivesi</i> Dalmaso	CAN, IT (CABI, 2025)	(CABI, 2025)	(Urek et al., 2003)	N/A
NEMATODE <i>Xiphinema vuittenezi</i> Luc, Lima, Weischer & Flegg	IT (Roca et al., 1989; Xu and Zhao, 2019), UK (Heath et al., 1977)	(Siddiqui et al., 1973; Xu and Zhao, 2019)	(Siddiqui et al., 1973; Xu and Zhao, 2019)	N/A
FUNGUS <i>Acanthophysium canadense</i> (Skolko) Parmasto, syn. <i>Aleurodiscus canadensis</i> Skolko	CAN (Farr and Rossman, 2025)	Arizona (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Aithaloderma citri</i> (Briosi & Pass.) Woron.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Albifimbria verrucaria</i> (Alb. & Schwein.) L. Lombard & Crous, syn. <i>Myrothecium verrucaria</i> (Alb. & Schwein.) Ditmar	CAN (CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
FUNGUS <i>Alternaria alternata</i> (Fr.) Keissl., syn. <i>Alternaria mali</i> Roberts, <i>Alternaria tenuis</i> Nees, <i>Alternaria tenuissima</i> (Nees & Nees: Fr.) Wiltshire	CAN, FR, GE, IT, UK (CABI, 2025), BE, NE (Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Alternaria arborescens</i> Simmons	IT (Matić et al., 2020)	(DeShields and Kc, 2021; Haviland et al., 2025; Tymon et al., 2015)	(Haviland et al., 2025)	N/A
FUNGUS <i>Alternaria atra</i> (Preuss) Woudenb. & Crous, syn. <i>Ulocladium atrum</i> Preuss	CAN (CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Apiognomonina erythrostroma</i> (Pers.) Höhnelt, syn. <i>Gnomonia erythrostroma</i> (Pers.: Fr.) Auersw., <i>Phomopsis stipata</i> (Lib.) Sutton	BE, FR (CABI, 2025), GE (Hecht and Zinkernagel, 2006), IT (Prodorutti et al., 2016), UK (CABI, 2025; Lonsdale et al., n.d.)	(Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Apiosporina morbosa</i> (Schwein. : Fr.) Arx	CAN (CABI, 2025; Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Armillaria gallica</i> Marxm. & Romagn, syn. <i>Armillaria bulbosa</i> (Barla) Kile & Watlin	CAN (Farr and Rossman, 2025), IT (Bragaloni et al., 1997), UK (Drakulic et al., 2017; Guillaumin et al., 1993)	(CABI, 2025; Farr and Rossman, 2025)	(Elias-Roman et al., 2013; Lizotte and O'Donnell, 2014)	N/A
FUNGUS <i>Armillaria mellea</i> (Vahl) P. Kumm.	BE (Farr and Rossman, 2025), CAN, FR, GE (CABI, 2025), IT (Bragaloni et al., 1997), NE (CABI, 2025), UK (Drakulic et al., 2017; Guillaumin et al., 1993)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	The pest is established in the United States and is not under official control.
FUNGUS <i>Armillaria ostoyae</i> (Romagn.) Herink	BE, CAN, FR, GE, IT (CABI, 2025), UK (Drakulic et al., 2017; Guillaumin et al., 1993)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Aspergillus niger</i> Tiegh.	BE (Vermeulen et al., 2015), CAN (GBIF, 2025), FR, GE, IT (CABI, 2025), NE (Vermeulen et al., 2015), UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Aspergillus reptans</i> Samson & W. Gams, syn. <i>Aspergillus repens</i> (de Bary) E. Fisch.	FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Athelia rolfsii</i> (Curzi) C.C. Tu & Kimbr., syn. <i>Sclerotium rolfsii</i> Sacc.	BE, CAN, FR, GE, IT, NE (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Aureobasidium pullulans</i> (de Bary) G. Arnaud, syn. <i>Pullularia pullulans</i> (de Bary) Berkhout	CAN, FR, IT, NE, UK (Farr and Rossman, 2025), GE (Gostinčar et al., 2019)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025; Kim, 2014)	N/A
FUNGUS <i>Basidioradulum radula</i> (Fr. : Fr.) Nobles	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Berkeleyomyces basicola</i> (Berk. & Broome) W.J. Nel, Z.W. de Beer, T.A. Duong & M.J. Wingf., syn. <i>Chalara elegans</i> Nag Raj & W.B. Kendr., <i>Thielaviopsis basicola</i> (Berk. & Broome) Ferraris	BE, CAN, GE, IT, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(Manici and Caputo, 2010; Sewell and Wilson, 1975; Sønderhausen, 1970)	N/A
FUNGUS <i>Bjerkandera fumosa</i> (Pers. : Fr.) P. Karst.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Blumeriella jaapii</i> (Rehm) Arx	BE, CAN, FR, GE (CABI, 2025), IT (Annesi et al., 1997), UK (Lonsdale et al., n.d.)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Bondarzewia berkeleyi</i> (Fr.) Bondartsev & Singer	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

Organism	In BE, CAN, FR, GE, IT, NE, or UK	In U.S.	Host Association	Notes
FUNGUS <i>Botryosphaeria dothidea</i> (Moug.) Ces. & De Not., syn. <i>Fusicoccum aesculi</i> Corda	BE (Van Campenhout et al., 2017), CAN, FR (Farr and Rossman, 2025), GE (Langer and Bußkamp, 2023), IT (De Corato and Trupo, 2007; Lazzizera et al., 2008), NE (Farr and Rossman, 2025), UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(Alfieri et al., 1993; Farr and Rossman, 2025; French, 1989)	N/A
FUNGUS <i>Botrytis cinerea</i> Pers. : Fr., syn. <i>Botryotinia fuckeliana</i> (de Bary) Whetzel, <i>Botrytis fuckeliana</i> N.F. Buchw.	BE, CAN, FR, GE, IT (CABI, 2025), NE (Farr and Rossman, 2025), UK (Choiseul and Carnegie, 2000)	(CABI, 2025; Stevenson, 1975)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Cadophora luteo-olivacea</i> J.F.H. Beyma) T.C. Harr. & McNew	GE (CABI, 2025), IT (Amaral Carneiro et al., 2022; Spadaro et al., 2011)	(Travadon et al., 2015)	(CABI, 2025)	The pest is established in the United States and is not under official control.
FUNGUS <i>Cadophora malorum</i> (Kidd & Beaumont) W. Gams, syn. <i>Phialophora malorum</i> (Kidd & Beaumont) McColloch	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Calonectria pauciramosa</i> C.L. Schoch & Crous, syn. <i>Cylindrocladium pauciramosum</i> C.L. Schoch & Crous	GE (Lombard et al., 2010)	(Lombard et al., 2010)	(Lombard et al., 2010)	N/A

Organism	In BE, CAN, FR, GE, IT, NE, or UK	In U.S.	Host Association	Notes
FUNGUS <i>Calosphaeria pulchella</i> (Pers.) J. Schröt., syn. <i>Calosphaeriophora pulchella</i> Réblová, L. Mostert, W. Gams & Crous, <i>Sphaeria pulchella</i> Pers.	CAN, FR (Farr and Rossman, 2025), IT (Trouillas et al., 2012), UK (Cannon et al., 1985)	(CCB, 2020; Trouillas et al., 2012)	(Arzanlou and Dokhanchi, 2013; Farr and Rossman, 2025)	N/A
FUNGUS <i>Ceratocystis fimbriata</i> Ellis & Halst.	CAN (CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Ceriporia viridans</i> (Berk. & Broome) Donk	FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Cerocorticium cremoricolor</i> (Berk. & M.A. Curtis) Ginns	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Cerrena unicolor</i> (Bull. : Fr.) Murrill	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Chlorociboria aeruginosa</i> (Pers. : Fr.) Seaver ex Ramamurthi, Korf & Batra, syn. <i>Chlorosplenium aeruginosum</i> (Pers. : Fr.) Auct.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Chlorosplenium chlora</i> (Schwein. : Fr.) M.A. Curtis	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Chondrostereum purpureum</i> (Pers. : Fr.) Pouzar, syn. <i>Stereum purpureum</i> Pers.: Fr.	CAN (Farr and Rossman, 2025), FR (GBIF, 2025), GE (CABI, 2025), IT (Venturella, 1991), NE (CABI, 2025), UK (Willoughby et al., 2015)	(CABI, 2025; Farr and Rossman, 2025)	(Farr and Rossman, 2025; Haviland et al., 2025; Pscheidt and Ocamb, 2021)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Cinereomyces lindbladii</i> (Berk.) Jülich, syn. <i>Antrodia lindbladii</i> (Berk.) Ryvardeen, <i>Poria cinerascens</i> (Bres.) Sacc. & P. Syd.	CAN (Farr and Rossman, 2025)	(UM, 1948; Zabel et al., 1991)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Cladosporium herbarum</i> (Pers.) Link	CAN, FR (Farr and Rossman, 2025), GE, UK (Bensch et al., 2012)	(Farr and Rossman, 2025)	(Bensch et al., 2012; Farr and Rossman, 2025)	N/A
FUNGUS <i>Cladosporium lycoperdinum</i> Cooke	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Cladosporium macrocarpum</i> Preuss	CAN, FR (Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Cladosporium phyllophilum</i> McAlpine	FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Cladosporium xylophilum</i> Bensch, Shabunin, Crous & U. Braun	CAN (Farr and Rossman, 2025)	(Bensch et al., 2010)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Colletotrichum acutatum</i> J.H. Simmonds, syn. <i>Glomerella acutata</i> Guerber & Correll	BE, CAN, FR, GE, IT (CABI, 2025; Camele et al., 2018), NE (EPPO, 2025), UK (Baroncelli et al., 2015)	(CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Colletotrichum gloeosporioides</i> (Penz.) Penz. & Sacc., syn. <i>Glomerella cingulata</i> (Stoneman) Spauld. & H. Schrenk	BE (Gomaa et al., 1991), CAN, FR, GE, IT, NE (CABI, 2025), UK (Baroncelli et al., 2015)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Collophora hispanica</i> Gramaje, Armengol & Damm	GE (Gierl and Fischer, 2017)	(Holland et al., 2018)	(Holland et al., 2018)	N/A
FUNGUS <i>Coltricia perennis</i> (Fr.) Murrill	CAN (Farr and Rossman, 2025)	California (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Conoplea olivacea</i> Fr. : Fr.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Corollospora maritima</i> Werderm.	CAN (Ginns, 1986)	(Farr and Rossman, 2025)	(Ginns, 1986)	N/A
FUNGUS <i>Coronophora gregaria</i> Fuckel, syn. <i>Sphaeria gregaria</i> Lib.	BE (Farr and Rossman, 2025)	New York (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Coryneum umbonatum</i> Nees	FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Cylindrocarpon didymum</i> (Harting) Wollenw.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Cytospora ceratosperma</i> (Tode) G.C. Adams & Rossman, syn. <i>Valsa ceratosperma</i> (Tode) Maire	CAN, GE, IT, NE, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Cytospora chrysosperma</i> (Pers. : Fr.) Fr	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Cytospora cincta</i> Sacc., syn. <i>Leucostoma cinctum</i> (Fr.: Fr.) Höhn., <i>Leucostoma cincta</i> (Fr. : Fr.) Höhn., <i>Valsa cincta</i> (Fr.: Fr.) Fr., <i>Valsaria insitiva</i> (Tode) Ces. & De Not.	CAN (Farr and Rossman, 2025), FR (Grosclaude, 1986), IT (Romanazzi et al., 2012), UK (Cannon et al., 1985)	(Farr and Rossman, 2025; Wilcox, 1995)	(Ogawa et al., 1995; Romanazzi et al., 2012)	N/A
FUNGUS <i>Cytospora leucosperma</i> (Pers. : Fr.) Fr., syn. <i>Cytospora ambiens</i> Sacc.	CAN, FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Cytospora leucostoma</i> (Pers.) Sacc., syn. <i>Cytospora ambiens</i> Sacc., <i>Leucostoma persoonii</i> (Nitschke) Höhn., <i>Valsa leucostoma</i> (Pers. : Fr.) Fr	CAN, FR (Farr and Rossman, 2025), GE (MyCoPortal Database, 2025), IT (Venturella, 1991), UK (Cannon et al., 1985)	(Alfieri et al., 1984; Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Cytospora rubescens</i> Fr. : Fr.	CAN (Farr and Rossman, 2025)	Iowa (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Daedaleopsis confragosa</i> (Bolton : Fr.) J. Schröt.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Daldinia childiae</i> J.D. Rogers & Y.M. Ju	FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Daldinia vernicosa</i> (Schwein.) Ces. & De Not.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Dendrothele maculata</i> (H. Jacks. & P.A. Lemke) P.A. Lemke	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Dermea cerasi</i> (Pers. : Fr.) Fr., syn. <i>Foveostroma drupacearum</i> (Lév.) DiCosmo	CAN (Farr and Rossman, 2025), UK (Cannon et al., 1985)	(Farr and Rossman, 2025; UGA, 2025b)	(Farr and Rossman, 2025; Oguchi, 1963)	N/A
FUNGUS <i>Dermea padi</i> (Alb. & Schwein. : Fr.) Fr.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Dermea prunastri</i> (Pers. : Fr.) Fr.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Desarmillaria tabescens</i> (Scop.) R.A. Koch & Aime, syn. <i>Armillaria tabescens</i> (Scop.) Emel	FR, GE (CABI, 2025), IT (Venturella, 1991), UK (Guillaumin et al., 1993)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	The pest is established in the United States and is not under official control.
FUNGUS <i>Diaporthe ambigua</i> Nitschke, syn. <i>Phomopsis ambigua</i> (Sacc.) Traverso	CAN, GE, NE (Farr and Rossman, 2025), IT (Dissanayake et al., 2017; Gomes et al., 2013), UK (Cannon, 2017)	(Lawrence et al., 2015)	(Lawrence et al., 2015; Smit et al., 1996)	N/A
FUNGUS <i>Diaporthe amygdali</i> (Delacr.) Udayanga, Crous & K.D. Hyde, syn. <i>Fusicoccum amygdali</i> Delacr., <i>Phomopsis amygdali</i> (Delacr.) J.J. Tuset & M.T. Portilla	CAN, FR (Farr and Rossman, 2025), IT (Diogo et al., 2010), NE (Abramezyk and Król, 2016; CABI, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	The pest is established in the United States and is not under official control.

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Diaporthe cotoneastri</i> (Punith.) Udayanga, Crous & K.D. Hyde, syn. <i>Phomopsis cotoneastri</i> Punith.	GE (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
FUNGUS <i>Diaporthe eres</i> Nitschke, syn. <i>Phomopsis oblonga</i> (Desm.) Traverso	BE, CAN (Farr and Rossman, 2025), FR, GE (CABI, 2025), IT (Bertetti et al., 2018; CABI, 2025), NE (CABI, 2025), UK (Guarnaccia et al., 2018)	(CABI, 2025; UGA, 2025b)	(Abramczyk et al., 2018; Grantina-Levina and Stanke, 2015; Thomidis and Michailides, 2009)	N/A
FUNGUS <i>Diaporthe foeniculina</i> (Sacc.) Udayanga & Castl., syn. <i>Diaporthe neotheicola</i> Phillips & J.M. Santos, <i>Phomopsis theicola</i> Curzi	IT (Annesi et al., 2016; Dissanayake et al., 2017)	(Farr and Rossman, 2025; Lawrence et al., 2015)	(Diogo et al., 2010)	The pest is established in the United States and is not under official control.
FUNGUS <i>Diaporthe pardalota</i> (Mont.) Fuckel	FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Diaporthe pennsylvanica</i> (Berk. & M.A. Curtis) Wehm.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Diaporthe pernicioso</i> Marchal & É.J. Marchal, syn. <i>Phomopsis mali</i> Roberts non (Schulzer & Sacc.) Died., hom. illeg.	BE (Cayley, 1923b), CAN (Farr and Rossman, 2025), FR (Roulon, 2021), IT (Venturella, 1991), UK (Kanematsu et al., 2000)	(Rosenberger and Burr, 1982; Santos et al., 2017)	(Cayley, 1923a; Rosenberger and Burr, 1982; Valiuskaite, 2002)	The pest is established in the United States and is not under official control.

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Diaporthe pruni</i> Ellis & Everh., syn. <i>Cytospora pruni</i> Ellis & Dearn.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Diatrype albopruinosa</i> (Schwein.) Cooke	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Diatrypella decorata</i> Nitschke, syn. <i>Diatrypella discoidea</i> (Cooke & Peck) Sacc.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Dictyosporium pelagicum</i> (Linder) G.C. Hughes ex T.W. Johnson & Sparrow	CAN (Farr and Rossman, 2025)	Rhode Island (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Didymella pomorum</i> (Thüm.) Qian Chen & Cai, syn. <i>Phoma pomorum</i> Thüm., <i>Coniothyrium pyrinum</i> (Sacc.) Sheld	CAN (Farr and Rossman, 2025), FR (GBIF, 2025), IT (Venturella, 1991), NE (Farr and Rossman, 2025), UK (Fisher and Petrini, 1990)	(Farr and Rossman, 2025; Hansen and Hamm, 1988)	(Fazli and Razdan, 1991; Ilić et al., 2018; Ogawa et al., 1995)	N/A
FUNGUS <i>Diplodia mutila</i> (Fr.) Mont., syn. <i>Botryosphaeria stevensii</i> Shoemaker, <i>Sphaeria mutila</i> Fries	CAN, GE (CABI, 2025), IT (Alves et al., 2014; Venturella, 1991), UK (Phillips et al., 2013)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Diplodia sapinea</i> (Fr.) Fuckel, syn. <i>Diplodia pinea</i> (Desm.) J. Kickx f., <i>Sphaeropsis sapinea</i> (Fr.) Dyko & B. Sutton	BE, GE (CABI, 2025), CAN, FR (Farr and Rossman, 2025)	(CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Diplodia seriata</i> De Not., syn. <i>Botryosphaeria obtusa</i> (Schwein.) Shoemaker	BE, CAN, FR, GE, IT, NE, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Dothidotthia ramulicola</i> (Peck) M.E. Barr	FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Dothiorella iberica</i> A.J.L. Phillips, J. Luque & A. Alves, syn. <i>Botryosphaeria iberica</i> A.J.L. Phillips, J. Luque & A. Alves	GE (Gierl and Fischer, 2017), IT (Dissanayake et al., 2016)	California (Doll et al., 2015; Úrbez-Torres et al., 2007) and Oregon (Nepal KC and Rasmussen, 2019)	(Doll et al., 2015)	N/A
FUNGUS <i>Dothiorella sarmentorum</i> (Fr.) A.J.L. Phillips, A. Alves & J. Luque, syn. <i>Botryosphaeria sarmentorum</i> A.J.L. Phillips, A. Alves & J. Luque	GE (Gierl and Fischer, 2017), IT (Dissanayake et al., 2016), UK (Bezerra et al., 2021)	(Dissanayake et al., 2016; Inderbitzin et al., 2010)	(Gramaje et al., 2012; Inderbitzin et al., 2010)	N/A
FUNGUS <i>Dothiorella viticola</i> A.J.L. Phillips & J. Luque, syn. <i>Botryosphaeria viticola</i> A.J.L. Phillips & J. Luque, <i>Spencermartinsia viticola</i> (Phillips & Luque) Phillips, Alves & Crous	IT (Bezerra et al., 2021)	(Adesemoye and Eskalen, 2011; Úrbez-Torres et al., 2007)	(Holland et al., 2021)	The pest is established in the United States and is not under official control.
FUNGUS <i>Epicoccum nigrum</i> Link	CAN (Farr and Rossman, 2025), GE (MyCoPortal Database, 2025), IT (CABI, 2025)	(Alfieri et al., 1984; Grand and Vernia, 2004)	(de Cal et al., 2009)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Eutypa lata</i> var. <i>lata</i> (Pers. : Fr.) Tul. & C. Tul., syn. <i>Eutypa lata</i> (Pers.) Tul. & C. Tul., <i>Libertella blepharis</i> A.L. Sm.	BE, CAN, NE (Farr and Rossman, 2025), FR, GE, IT, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Eutypella sorbi</i> (Alb. & Schwein. : Fr.) Sacc.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Exidia glandulosa</i> Fr. : Fr.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Exidia recisa</i> Fr. : Fr.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Fomes fomentarius</i> L. : Fr.	BE (Farr and Rossman, 2025), CAN, FR, GE, NE (CABI, 2025), UK (Spaulding, 1961)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Fomitiporia punctata</i> (P. Karst.) Murrill, syn. <i>Phellinus punctatus</i> (P. Karst.) Pilát	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Fomitopsis cajanderi</i> (P.Karst.) Kotl. & Pouzar, syn. <i>Fomes cajanderi</i> P.Karst.	CAN (Farr and Rossman, 2025), IT (Blasi et al., 2005), UK (Smith et al., 2001)	(Farr and Rossman, 2025; UGA, 2025b)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Fomitopsis pinicola</i> (Sw. : Fr.) P. Karst.	CAN, FR, GE, IT, NE (CABI, 2025), UK (Smith et al., 2001)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Fomitopsis spraguei</i> (Berk. & M.A. Curtis) Gilb. & Ryvarden	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Fusarium acuminatum</i> Ellis & Everh, syn. <i>Gibberella acuminata</i> Wollenw	CAN (Farr and Rossman, 2025), IT (CABI, 2025; Logrieco et al., 1992), UK (Romero, 1990)	(CABI, 2025; Logrieco et al., 1992; Prom et al., 2018)	(Marek et al., 2012; Wang et al., 2021)	N/A
FUNGUS <i>Fusarium anthophilum</i> (A. Braun) Wollenw	NE (Farr and Rossman, 2025)	No evidence found	(Chehri et al., 2010)	N/A
FUNGUS <i>Fusarium avenaceum</i> (Fr.) Sacc., syn. <i>Gibberella avenacea</i> R.J. Cook	BE, CAN, FR, GE, IT, NE (CABI, 2025), UK (Basler, 2016)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Fusarium culmorum</i> (Wm.G. Sm.) Sacc.	NE (Farr and Rossman, 2025)	(CABI, 2025)	(Chehri et al., 2010)	N/A
FUNGUS <i>Fusarium equiseti</i> (Corda) Sacc, syn. <i>Gibberella intricans</i> Wollenw.	CAN (Farr and Rossman, 2025), GE (MyCoPortal Database, 2025), IT (Garibaldi et al., 2015), UK (Basler, 2016)	(Farr and Rossman, 2025; Prom et al., 2018)	(Lyu et al., 2020; Wang et al., 2021)	N/A
FUNGUS <i>Fusarium fujikuroi</i> Nirenberg, syn. <i>Gibberella fujikuroi</i> (Sawada) S. Ito	IT (Vladimiro et al., 2019), UK (CABI, 2025)	(CABI, 2025; UGA, 2025b)	(Lyu et al., 2020; Wang et al., 2021)	N/A
FUNGUS <i>Fusarium lateritium</i> Nees, syn. <i>Gibberella baccata</i> (Wallr.) Sacc.	BE, CAN, FR, GE, NE (Farr and Rossman, 2025), IT (Santori et al., 2010), UK (Griffith and Bardgett, 2000; Hull, 1991)	(Hyun, 1998; Raabe et al., 1981; Sandoval-Denis et al., 2018)	(Valiuskaite, 2002; Wang et al., 2021; Zhao et al., 2019)	N/A
FUNGUS <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> (G.F. Atk.) W.C. Snyder & H.N. Hansen	FR (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Fusarium oxysporum</i> Schltld.: Fr., syn. <i>Fusarium orthoceras</i> Appel & Wollenw.	BE, CAN, GE (Farr and Rossman, 2025), FR (Edel-Hermann et al., 2012; Skovgaard and Rosendahl, 1998), IT (Amatulli et al., 2010), NE (CABI, 2025; Farr and Rossman, 2025), UK (Basler, 2016)	(Prom et al., 2018; Swett and Uchida, 2015; UGA, 2025b)	(CCB, 2020; Chehri et al., 2010; Mannai et al., 2018; Urbez-Torres et al., 2016)	This pest is actionable for the continental United States (ARM, 2025) but is present in the continental United States (Berg et al., 2017; Hanson, 2006), Hawaii (James et al., 2006; Shiraishi et al., 2012), and Puerto Rico (Garcia et al., 2018).
FUNGUS <i>Fusarium poae</i> (Peck) Wollenw.	CAN (Farr and Rossman, 2025), GE (MyCoPortal Database, 2025)	(Farr and Rossman, 2025; Grand and Vernia, 2004)	(Allen, 1974; Farr and Rossman, 2025)	N/A
FUNGUS <i>Fusarium proliferatum</i> (Matsush.) Nirenberg ex Gerlach & Nirenberg	IT (Amatulli et al., 2010), NE (Farr and Rossman, 2025), UK (Basler, 2016)	(Prom et al., 2018; Swett and Uchida, 2015; UGA, 2025b)	(Lyu et al., 2020; Wang et al., 2021; Xie et al., 2018)	N/A
FUNGUS <i>Fusarium sambucinum</i> Fuckel, syn. <i>Gibberella pulicaris</i> (Fr.) Sacc.	NE (Farr and Rossman, 2025)	(CABI, 2025)	(Chehri et al., 2010)	N/A
FUNGUS <i>Fusarium sporotrichioides</i> Sherb.	CAN (CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Fuscoporia ferrea</i> (Pers.) G. Cunn., syn. <i>Phellinus ferreus</i> (Pers.) Bourdot & Galzin	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Ganoderma applanatum</i> (Pers.) Pat., syn. <i>Fomes applanatus</i> (Pers.) Gillet	CAN, FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Ganoderma australe</i> (Fr.) Pat., syn. <i>Ganoderma tornatum</i> (Pers.) Bres.	CAN (Farr and Rossman, 2025)	(Steyaert, 1975)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Ganoderma lucidum</i> (Curtis) P. Karst., syn. <i>Boletus lucidus</i> Curtis	IT (Blasi et al., 2005), UK (CABI, 2025)	(Downer and Perry, 2019; UGA, 2025b)	(Adaskaveg and Ogawa, 1990; Downer and Perry, 2019)	N/A
FUNGUS <i>Gloeodes pomigena</i> (Schwein.) Colby, syn. <i>Phyllachora pomigena</i> (Schwein.) Sacc.	CAN, UK (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025; Ginns, 1986)	N/A
FUNGUS <i>Gloeophyllum sepiarium</i> (Wulfen : Fr.) P. Karst.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Godronia confertus</i> (Hone) J.W. Groves	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Golovinomyces orontii</i> (Castagne) Heluta	FR (CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Graphostroma platystoma</i> (Schwein.) Piroz.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Hapalopilus rutilans</i> (Pers. : Fr.) Murrill	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Heterobasidion annosum</i> (Fr.) Bref., syn. <i>Fomes annosus</i> (Fr. : Fr.) Cooke, <i>Fomitopsis annosa</i> (Fr. : Fr.) Karst	BE, CAN, FR, GE, IT (CABI, 2025), NE (EPPO, 2025), UK (Smith et al., 2001)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Hyphoderma setigerum</i> (Fr. : Fr.) Donk	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Hypholoma fasciculare</i> (Huds. : Fr.) P. Kumm.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Ginns, 1986)	N/A
FUNGUS <i>Hypoxylon fuscum</i> (Pers. : Fr.) Fr	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Hypoxylon howeianum</i> Peck	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Hypoxylon multifforme</i> (Fr. : Fr.) Fr.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Ilyonectria destructans</i> (Zinssm.) Rossman, L. Lombard & Crous, syn. <i>Cylindrocarpon destructans</i> (Zinssm.) Scholten, <i>Cylindrocarpon radicicola</i> Wollenw, <i>Neonectria radicicola</i> (Gerlach & L. Nilsson) Mantiri & Samuels	CAN, FR, GE, IT, NE (Farr and Rossman, 2025), UK (Petrini, 1992)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Ilyonectria liriodendri</i> (Halleen, Rego & Crous) P. Chaverri & C. Salgado, syn. <i>Cylindrocarpon liriodendri</i> J.D. MacDon. & E.E. Butler	CAN (Farr and Rossman, 2025), IT (Carlucci et al., 2017)	(CCB, 2020; Khorasani, 2013)	(CCB, 2020; Jacobs and Mostert, 2020)	N/A
FUNGUS <i>Ilyonectria robusta</i> (A.A. Hildenbr.) A. Cabral & Crous	CAN (Farr and Rossman, 2025), GE (Cabral et al., 2012b), NE (Farr and Rossman, 2025)	(Farr and Rossman, 2025; Guggenheim et al., 2019)	(Cabral et al., 2012a; Cabral et al., 2012b; Farr and Rossman, 2025)	N/A
FUNGUS <i>Inonotus dryophilus</i> (Berk.) Murrill	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Inonotus hispidus</i> (Bull.) P. Karst.	FR, GE, NE (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Inonotus radiatus</i> (Sowerby : Fr.) P. Karst.	CAN, GE (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Irpex lacteus</i> (Fr.: Fr.) Fr.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Kirschsteiniothelia aethiops</i> (Berk. & M.A. Curtis) D. Hawksw., syn. <i>Dendryphiopsis atra</i> (Corda) S. Hughes	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Laetiporus sulphureus</i> (Bull.) Murrill, syn. <i>Polyporus sulphureus</i> (Bull.) Fr.	CAN, FR (Farr and Rossman, 2025), GE (Lindner and Banik, 2008), IT (Venturella, 1991), UK (Ferris-Kaan et al., 1993)	(Alfieri et al., 1993; Farr and Rossman, 2025; French, 1989)	(Alfieri et al., 1993; French, 1989)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Lasiodiplodia citricola</i> Abdollahz., Javadi & A.J.L. Phillips	IT (Carlucci et al., 2015; Carlucci et al., 2017)	(Chen et al., 2013; Chen et al., 2014)	(Chen et al., 2013)	The pest is established in the United States and is not under official control.
FUNGUS <i>Lasiodiplodia theobromae</i> (Pat.) Griffiths & Maubl., syn. <i>Diplodia natalensis</i> Pole-Evans, <i>Botryodiplodia theobromae</i> (Sacc.) Petr.	CAN, FR, GE, IT (CABI, 2025; Garibaldi et al., 2012)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Leptosphaeria coniothyrium</i> (Fuckel) Sacc., syn. <i>Kalmusia coniothyrium</i> (Fuckel) Huhndorf	GE, NE (CABI, 2025)	(CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Lulworthia medusa</i> (Ellis & Everh.) Cribb & J.W. Cribb	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Macrophomina phaseolina</i> (Tassi) Goid.	CAN, FR, GE, NE, UK (CABI, 2025), IT (Gerin et al., 2018)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Massaria conspurcata</i> Sacc.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Merismodes fasciculatus</i> (Schwein.) Donk	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Miuraea persicae</i> (Sacc.) Hara	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Monilinia demissa</i> (Dana) Honey	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Monilinia fructicola</i> (G. Winter) Honey, syn. <i>Sclerotinia fructicola</i> (G. Winter) Rehm	CAN, FR, GE, NE (CABI, 2025), IT (Abate et al., 2018)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Monilinia laxa</i> (Aderh. & Ruhland) Honey, syn. <i>Sclerotinia laxa</i> Aderh. and Ruhl.	BE, CAN, GE, NE (CABI, 2025), FR (INPN, 2022), IT (Abate et al., 2018), UK (O'Brien and Berrie, 2019b)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Monilinia padi</i> (Woronin) Honey	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Monilinia seaveri</i> (Rehm) Honey	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Monodictys pelagica</i> (T.W. Johnson) E.B.G. Jones	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Nectria cinnabarina</i> (Tode : Fr.) Fr., syn. <i>Tubercularia vulgaris</i> Tode : Fr.	BE, CAN, FR, GE, NE, IT (Farr and Rossman, 2025), UK (Spaulding, 1961)	(CABI, 2025; Farr and Rossman, 2025)	(Farr and Rossman, 2025; Marković et al., 2015)	N/A
FUNGUS <i>Neocosmospora solani</i> (Mart.) L. Lombard & Crous, syn. <i>Fusarium solani</i> (Mart.) Sacc.	IT (Sandoval-Denis et al., 2018), UK (Pegg and Parry, 1983)	(Sandoval-Denis et al., 2018; UGA, 2025b)	(Afifi, 1977; CCB, 2020; Chehri et al., 2010; Mannai et al., 2018; Marek et al., 2012)	N/A
FUNGUS <i>Neofusicoccum australe</i> (Slippers, Crous & M.J. Wingfield) Crous et al., syn. <i>Botryosphaeria australis</i> Slippers, Crous & M.J. Wingf.	IT (Lazzizzera et al., 2008), UK (FERA, 2021)	(Úrbez-Torres et al., 2006)	(Damm et al., 2007; Slippers et al., 2007)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Neofusicoccum mediterraneum</i> Crous, M.J. Wingf. & A.J.L. Phillips	IT (Lazzizzera et al., 2008)	(Holland et al., 2021; Trouillas et al., 2010)	(Haviland et al., 2025)	The pest is established in the United States and is not under official control.
FUNGUS <i>Neofusicoccum parvum</i> (Pennycook & Samuels) Crous, Slippers & A.J.L. Phillips, syn. <i>Botryosphaeria parva</i> Pennycook & Samuels	CAN, FR (Farr and Rossman, 2025), IT (CABI, 2025; Moricca et al., 2012), UK (FERA, 2021; Forest Research, 2020)	(CABI, 2025; Farr and Rossman, 2025)	(Haviland et al., 2025; Thomidis et al., 2011)	N/A
FUNGUS <i>Neofusicoccum vitifusiforme</i> (Van Niekerk & Crous) Crous, Slippers & A.J.L. Phillips	IT (Lazzizzera et al., 2008)	(Farr and Rossman, 2025; Úrbez-Torres et al., 2013)	(Holland et al., 2021)	N/A
FUNGUS <i>Neonectria candida</i> (Ehrenb.) Rossman, L. Lombard & Crous, syn. <i>Cylindrocarpon ehrenbergii</i> Wollenw., <i>Cylindrocarpon obtusiusculum</i> (Sacc.) U. Braun, <i>Neonectria ramulariae</i> Wollenw.	CAN, FR (Farr and Rossman, 2025), GE (Castlebury et al., 2006), NE (Wenneker et al., 2016), UK (Castlebury et al., 2006)	(Farr and Rossman, 2025; GBIF, 2021; Marek et al., 2012)	(Marek et al., 2012)	The pest is established in the United States and is not under official control.

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Neonectria ditissima</i> (Tul. & C. Tul.) Samuels & Rossman, syn. <i>Nectria ditissima</i> Tul. & C. Tul., <i>Nectria galligena</i> Bres, <i>Neonectria galligena</i> (Bres.) Rossman & Samuels	BE, CAN, FR, GE, NE (CABI, 2025), IT (Venturella, 1991), UK (Castlebury et al., 2006)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Neonectria obtusispora</i> (Cooke & Harkn.) Rossman, L. Lombard & Crous	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Neoscytalidium dimidiatum</i> (Penz.) Crous & Slippers, syn. <i>Hendersonula toruloidea</i> Nattrass	IT (Polizzi et al., 2009), UK From human (Madrid et al., 2009)	(Farr and Rossman, 2025; Holland et al., 2021; Sanahuja et al., 2016)	(Holland et al., 2021; Nouri et al., 2018; Olsen, 1999)	N/A
FUNGUS <i>Nipterella parksii</i> (Cash) Dennis	CAN (Farr and Rossman, 2025)	California (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Nowakowskiella elegans</i> (Nowak.) J. Schröt.	CAN (Farr and Rossman, 2025)	(Stephenson, 1994)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Ochropsora anemones</i> (Pers.) Ferd. & C.A. Jørg., syn. <i>Ochropsora ariae</i> (Fuckel) Ramsb.	GE (CABI, 2025), FR (INPN, 2022), UK (Helfer, 2005)	(CABI, 2025; MyCoPortal Database, 2025)	(CABI, 2025)	N/A
FUNGUS <i>Ophiognomonium clavigignenti-juglandacearum</i> (N.B. Nair, Kostichka & J.E. Kuntze) Broders & Boland	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	Experimental (Ostry and Moore, 2007)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Ophiostoma quercus</i> (Georgev.) Nannf.	BE, CAN, FR (Farr and Rossman, 2025)	Washington (Farr and Rossman, 2025; Kim et al., 1999)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Oxyporus latemarginatus</i> (Durieu & Mont) Donk, syn. <i>Poria ambigua</i> (Durieu & Mont.) Donk	IT (Venturella et al., 2007), UK (GBIF, 2021)	(Farr and Rossman, 2025; Haviland et al., 2025)	(Adaskaveg and Ogawa, 1990; Caprile et al., 2021; Haviland et al., 2025)	N/A
FUNGUS <i>Panellus serotinus</i> (Pers. : Fr.) Kühner	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Paraconiothyrium fuckelii</i> (Sacc.) Verkley & Gruyter, syn. <i>Coniothyrium fuckelii</i> Sacc., <i>Leptosphaeria coniothyrium</i> (Fuckel) Sacc.	CAN, FR, IT, UK (CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Penicillium digitatum</i> (Pers.) Sacc.	FR, IT, NE (CABI, 2025), UK (Louw and Korsten, 2014)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Colina, 2016)	N/A
FUNGUS <i>Penicillium expansum</i> Link	BE, CAN, FR, IT, UK (CABI, 2025), GE, NE (Louw and Korsten, 2014)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Peniophora cinerea</i> (Pers. : Fr.) Cooke	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Peniophora incarnata</i> (Pers. : Fr.) P. Karst.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Perenniporia subacida</i> (Peck) Donk, syn. <i>Poria subacida</i> (Peck) Sacc.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Phaeoacremonium minimum</i> (Tul. & C. Tul.) D. Gramaje, L. Mostert & Crous, syn. <i>Calosphaeria minima</i> Tul. & C. Tul., <i>Phaeoacremonium aleophilum</i> W. Gams, Crous, M.J. Wingf. & Mugna, <i>Togninia minima</i> (Tul. & C. Tul.) Berl.	CAN, GE, IT (CABI, 2025), FR (Laveau et al., 2009)	(CABI, 2025; Rooney-Latham et al., 2005)	(CABI, 2025; Soltaninejad et al., 2017)	The pest is established in the United States and is not under official control.
FUNGUS <i>Phaeoacremonium parasiticum</i> (Ajello, Georg & C.J.K. Wang) W. Gams, Crous & M.J. Wingf., syn. <i>Phialophora parasitica</i> Ajello, Georg & Wang	FR (Colombier et al., 2015), IT (Spies et al., 2018)	(Dupont et al., 2000; Spies et al., 2018)	(Damm et al., 2008a; Rumbos, 1986; Soltaninejad et al., 2017)	The pest is established in the United States and is not under official control.
FUNGUS <i>Phaeoacremonium scolyti</i> L. Mostert, Summerb. & Crous	FR (Mostert et al., 2005), IT (Essakhi et al., 2008; Jayawardena et al., 2018)	(Latham, 2005; Travadon et al., 2022)	(Damm et al., 2008a)	The pest is established in the United States and is not under official control.
FUNGUS <i>Phaeoacremonium viticola</i> J. Dupont, syn. <i>Togninia viticola</i> L. Mostert, W. Gams & Crous	FR (Dupont et al., 2000), GE (Fischer et al., 2016), IT (Spies et al., 2018)	(Achala, 2019; Eskalen et al., 2005)	(Damm et al., 2008a; Soltaninejad et al., 2017)	The pest is established in the United States and is not under official control.
FUNGUS <i>Phellinopsis conchata</i> (Pers.: Fr.) Y.C. Dai, syn. <i>Phellinus conchatus</i> (Pers.: Fr.) Quél.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Phellinus conchatus</i> (Pers.) Quél.	GE (MyCoPortal Database, 2025)	(Grand and Vernia, 2004)	(Karadelev et al., 2007)	N/A
FUNGUS <i>Phellinus ferruginosus</i> (Schrad.: Fr.) Pat., syn. <i>Poria ferruginosa</i> (Schrad.: Fr.) P. Karst.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Phellinus igniarius</i> (L.) Quél.	BE, CAN, FR, NE (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Phellinus laevigatus</i> (Fr.) Bourdot & Galzin	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Phlebia concentrica</i> (Cooke & Ellis) Kropp & Nakasone, syn. <i>Pirex concentricus</i> (Cooke & Ellis) Hjortstam & Ryvarde	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Phlebia merismoides</i> (Fr. : Fr.) Fr., syn. <i>Phlebia radiata</i> Fr. : Fr.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Phlebia rufa</i> (Fr. : Fr.) M. Christ.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Phloeosporrella padi</i> (Lib.) Arx	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Phomopsis perniciosus</i> Grove	CAN (Farr and Rossman, 2025)	(Cooke, 1975)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Phyllactinia guttata</i> (Wallr. : Fr.) Lév., syn. <i>Phyllactinia suffulta</i> (Rebent.) Sacc.	BE, CAN, FR, GE, NE (CABI, 2025), UK (Braun, 1995)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	The pest is established in the United States and is not under official control.
FUNGUS <i>Phyllactinia mali</i> (Duby) U. Braun, syn. <i>Erysiphe guttata</i> var. <i>mespili</i> Castagne	BE, CAN, FR, GE, NE, IT, UK (Braun, 1995; CABI, 2025; Farr and Rossman, 2025)	(Aime and Abbasi, 2022; CABI, 2025)	(Braun, 1995; Chater and Woods, 2019; Farr and Rossman, 2025)	The pest is established in the United States and is not under official control.
FUNGUS <i>Phyllosticta circumscissa</i> Cooke	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Phyllosticta virginiana</i> (Ellis & Halst.) Ellis	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Pilidium lythri</i> (Desm.) Rossman, syn. <i>Pezizella oenotherae</i> (Cooke & Ellis) Sacc.	FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Plagiostoma salicellum</i> (Fr. : Fr.) Sogonov, syn. <i>Cryptodiaporthe salicella</i> (Fr. : Fr.) Petr.	CAN (Farr and Rossman, 2025)	California (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Plicaturopsis crispa</i> (Pers.) D.A. Reid, syn. <i>Plicatura crispa</i> (Pers.) Rea	CAN (Farr and Rossman, 2025)	(Cooke, 1975; NYBG, 2022)	(Farr and Rossman, 2025)	N/A

Organism	In BE, CAN, FR, GE, IT, NE, or UK	In U.S.	Host Association	Notes
FUNGUS <i>Podosphaera clandestina</i> (Wallr.) Lév., syn. <i>Alphitomorpha clandestina</i> Wallr., <i>Podosphaera clandestina</i> var. <i>clandestina</i> (Wallr.), <i>Podosphaera oxyacanthae</i> (DC.) de Bary	BE, IT, NE, UK (CABI, 2025), CAN, FR (Farr and Rossman, 2025), GE (MyCoPortal Database, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Podosphaera leucotricha</i> (Ellis & Everh.) E.S. Salmon	BE, CAN, FR, GE, IT, NE (CABI, 2025), UK (Cook and Braun, 2009)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	The pest is established in the United States and is not under official control.
FUNGUS <i>Podosphaera pannosa</i> (Wallr.: Fr.) de Bary, syn. <i>Sphaerotheca pannosa</i> (Wallr.) Lév., <i>Sphaerotheca pannosa</i> var. <i>persicae</i> Woron	BE, CAN, FR, GE, IT, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Podosphaera prunicola</i> U. Braun	CAN, GE (Moparthy et al., 2019)	(Moparthy et al., 2019)	(Moparthy et al., 2019)	N/A
FUNGUS <i>Podosphaera tridactyla</i> (Wallr.) de Bary, syn. <i>Podosphaera tridactyla</i> var. <i>tridactyla</i> (Wallroth) de Bary	BE (Farr and Rossman, 2025), CAN, FR, GE, NE (CABI, 2025), IT (Meeboon et al., 2020), UK (Meeboon et al., 2020)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Polyporus brumalis</i> (Pers. : Fr.) Fr.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Porodisculus pendulus</i> (Schwein.) Murrill	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Postia guttulata</i> (Peck) Jülich	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Pruniphilomyces circumscissus</i> (Sacc.) Crous & Bulgakov, syn. <i>Cercospora cerasella</i> Sacc., <i>Mycosphaerella cerasella</i> Aderh.	CAN, FR (Farr and Rossman, 2025), IT (Venturella, 1991)	(Farr and Rossman, 2025; UGA, 2025b)	(Kobayashi et al., 1998; Ogawa et al., 1995)	N/A
FUNGUS <i>Pseudochaete tabacina</i> (Sowerby : Fr.) T. Wagner & M. Fisch., syn. <i>Hymenochaete tabacina</i> (Sowerby : Fr.) Lév.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Punctularia strigosozonata</i> (Schwein.) Talbot	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Pycnoporus cinnabarinus</i> (Jacq. : Fr.) P. Karst.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Rhizoctonia solani</i> J.G. Kühn, syn. <i>Thanatephorus cucumeris</i> (A.B. Frank) Donk	BE, CAN, FR, GE, IT, NE, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(Alfieri et al., 1993; Farr and Rossman, 2025; French, 1989)	N/A
FUNGUS <i>Rhizopus stolonifer</i> (Ehrenb.) Vuill., syn. <i>Rhizopus nigricans</i> Ehrenb.	CAN, GE (Farr and Rossman, 2025), FR, IT (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Schizophyllum commune</i> Fr. : Fr.	CAN, FR (Farr and Rossman, 2025), IT (Venturella, 1991), UK (Holden, 2021)	(CABI, 2025; Farr and Rossman, 2025)	(Dai, 2005; Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Schizopora paradoxa</i> (Schrad. : Fr.) Donk	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Schizothyrium pomi</i> (Mont.) Arx, syn. <i>Leptothyrium pomi</i> (Mont.) Sacc.	CAN, FR, GE, NE (Farr and Rossman, 2025), IT (GBIF, 2025), UK (Foister, 1961)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Sclerotinia sclerotiorum</i> (Lib.) de Bary	BE, CAN, GE, IT, NE, UK (CABI, 2025), FR (Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Septoria pruni</i> Ellis	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Sistotrema brinkmannii</i> (Bres.) J. Erikss.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Stachybotrys chartarum</i> (Ehrenb.) S. Hughes, syn. <i>Stachybotrys atra</i> Corda	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Steccherinum fimbriatum</i> (Pers. : Fr.) J. Erikss.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Stemphylium vesicarium</i> (Wallr.) E.G. Simmons, syn. <i>Stemphylium herbarum</i> E. G. Simmons, <i>Pleospora herbarum</i> (Pers.: Fr.) Rabenh.	BE, CAN, FR (Farr and Rossman, 2025), GE, IT, NE, UK (CABI, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Stereum gausapatum</i> (Fr. : Fr.) Fr., syn. <i>Haematostereum gausapatum</i> (Fr. : Fr.) Pouzar	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Stereum hirsutum</i> (Willd.) Pers.	CAN, FR (Farr and Rossman, 2025), GE (Gierl and Fischer, 2017)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Stereum rugosum</i> Pers. : Fr., syn. <i>Haematostereum rugosum</i> (Pers. : Fr.) Pouzar	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Stromatocrea cerebriforme</i> W.B. Cooke	CAN (Farr and Rossman, 2025)	(Cauchon and Ouellette, 1964)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Strossmayeria atriseda</i> (Saut.) Iturr., syn. <i>Pseudospiropes nodosus</i> (Wallr.) M.B. Ellis	CAN (Farr and Rossman, 2025)	Washington (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Synchytrium aureum</i> J. Schröt.	CAN, FR (Farr and Rossman, 2025), GE (MyCoPortal Database, 2025)	(Farr and Rossman, 2025)	(Ellis, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Taphrina communis</i> (Sadeb.) Giesenh.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Taphrina confusa</i> (G.F. Atk.) Giesenh.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Taphrina deformans</i> (Berk.) Tul.	BE, CAN, FR, GE, UK (CABI, 2025), IT (Venturella, 1991)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Taphrina flectans</i> Mix	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Taphrina pruni</i> (Fuckel) Tul.	CAN (Farr and Rossman, 2025), IT (Venturella, 1991), UK (CABI, 2025; Cannon, 2017)	(Farr and Rossman, 2025; Pscheidt and Ocamb, 2021)	(Ellis, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Taphrina wiesneri</i> (Rathay) Mix, syn. <i>Taphrina cerasi</i> (Fuckel) Sadeb.	CAN (Farr and Rossman, 2025), GE (MyCoPortal Database, 2025), IT (Carrieri et al., 2010), UK (Lush et al., 2009)	(Farr and Rossman, 2025; Pscheidt and Ocamb, 2021)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Tomentella sublilacina</i> (Ellis & Holw.) Wakef.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Trametes hirsuta</i> (Wulfen : Fr.) Quél., syn. <i>Coriolus hirsutus</i> (Wulfen : Fr.) Quél.	CAN, GE (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Trametes versicolor</i> (L.) Lloyd, syn. <i>Coriolus versicolor</i> (L.) Quél., <i>Polyporus versicolor</i> (L.) Fr.	BE, CAN, GE (Farr and Rossman, 2025)	(Alfieri et al., 1993; Farr and Rossman, 2025; French, 1989)	(Alfieri et al., 1993; Farr and Rossman, 2025; French, 1989)	N/A
FUNGUS <i>Tranzschelia arthurii</i> Tranzschel & Litv.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Tranzschelia pruni-spinosae</i> (Pers.) Dietel, syn. <i>Puccinia pruni-spinosae</i> Pers. : Pers.	BE (Farr and Rossman, 2025), CAN (Ginns, 1986), GE (MyCoPortal Database, 2025), IT (Venturella, 1991), UK (Henderson, 2004)	(Alfieri et al., 1984; Grand and Vernia, 2004)	(Alfieri et al., 1984; Grand and Vernia, 2004)	N/A
FUNGUS <i>Trichoderma hamatum</i> Rifai	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Trichoderma viride</i> Pers. : Fr.	CAN (Farr and Rossman, 2025), IT (GBIF, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Trichothecium roseum</i> (Pers. : Fr.) Link, syn. <i>Cephalothecium roseum</i> Corda	CAN (Farr and Rossman, 2025), FR (Roux, 2018), IT (Venturella, 1991), UK (Eschen et al., 2010)	(Farr and Rossman, 2025; Hong and Michailides, 1997)	(Ashraf et al., 2020; Hong and Michailides, 1997)	N/A
FUNGUS <i>Tropospora fumosa</i> P. Karst.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Truncatella laurocerasi</i> (Westend.) Steyaert, syn. <i>Monochaetia rosenwaldia</i> Khaz.	BE, FR (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Tubulicrinis glebulosus</i> (Bres.) Donk	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Tympanis prunicola</i> J.W. Groves	CAN (Farr and Rossman, 2025; Groves, 1952)	(Groves, 1952)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Tympanis spermatiospora</i> (Nyl.) Nyl.	CAN (Farr and Rossman, 2025; Groves, 1952)	(Farr and Rossman, 2025; Groves, 1952)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Tyromyces chioneus</i> (Fr. : Fr.) P. Karst.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Valsa sordida</i> Nitschke	GE (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
FUNGUS <i>Vararia investiens</i> (Schwein.) P. Karst.	CAN (Farr and Rossman, 2025)	(Farr and Rossman, 2025)	(Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
FUNGUS <i>Venturia carpophila</i> E.E. Fisher, syn. <i>Cladosporium carpophilum</i> Thüm., <i>Fusicladium carpophilum</i> (Thüm.) Oudem.	CAN, FR (Farr and Rossman, 2025), IT (Venturella, 1991), UK (Schubert et al., 2003)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Venturia cerasi</i> Aderh., syn. <i>Fusicladium cerasi</i> (Rabenh.) Erikss.	BE, CAN, FR, NE (CABI, 2025), GE (Schnabel et al., 1999)	(Farr and Rossman, 2025; Schubert et al., 2003)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Venturia pruni</i> M.E. Barr	CAN (Farr and Rossman, 2025)	(Shen et al., 2020)	(Farr and Rossman, 2025)	N/A
FUNGUS <i>Verticillium albo-atrum</i> Reinke & Berthold	BE, CAN, FR, GE (CABI, 2025), UK (Radisek et al., 2004)	(CABI, 2025; Farr and Rossman, 2025)	(Farr and Rossman, 2025; French, 1989)	N/A
FUNGUS <i>Verticillium dahliae</i> Kleb.	BE, CAN, FR, GE, IT, NE, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
FUNGUS <i>Zalerion maritimum</i> (Linder) Anastasiou	CAN (Farr and Rossman, 2025)	(Campbell et al., 2005)	(Farr and Rossman, 2025)	N/A
CHROMISTAN <i>Globisporangium debaryanum</i> (R. Hesse) Uzuhashi, Tojo & Kakish., syn. <i>Pythium debaryanum</i> R. Hesse	BE, CAN, FR, GE, NE, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025)	N/A
CHROMISTAN <i>Globisporangium irregulare</i> (Buisman) Uzuhashi, Tojo & Kakish., syn. <i>Pythium irregulare</i> Buisman	BE, FR, GE, NE, UK (CABI, 2025), CAN (Farr and Rossman, 2025), IT (Gilardi et al., 2018)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
CHROMISTAN <i>Globisporangium ultimum</i> (Trow) Uzuhashi, Tojo & Kakish, syn. <i>Pythium ultimum</i> Trow	CAN (Farr and Rossman, 2025), IT (CABI, 2025), UK (Hatami et al., 2013)	(CABI, 2025; Raabe et al., 1981; Stevenson, 1975)	(Hine, 1961; Schmidt and Browne, 2013)	N/A
CHROMISTAN <i>Peronospora sparsa</i> Berk.	BE, CAN, FR, GE, NE (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
CHROMISTAN <i>Phytophthora cactorum</i> (Lebert & Cohn) J. Schröt.	BE (Crepel and Inghelbrecht, 2007), CAN, FR, GE, IT, NE, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
CHROMISTAN <i>Phytophthora cambivora</i> (Petri) Buisman	BE, CAN, FR, GE, IT, NE, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	The pest is established in the United States and is not under official control.
CHROMISTAN <i>Phytophthora capsici</i> Leonian	IT (CABI, 2025), UK (Landa et al., 2021; Pettitt et al., 2015)	(CABI, 2025)	(Erwin and Ribeiro, 1996)	N/A
CHROMISTAN <i>Phytophthora chlamydospora</i> Brasier & E.M. Hansen	IT (Seddaiu et al., 2020), UK (Hansen et al., 2015; O'Hanlon et al., 2016)	(Browne et al., 2020; Hansen et al., 2015)	(Browne et al., 2020; Kurbetli et al., 2017; Türkölmez et al., 2016)	N/A
CHROMISTAN <i>Phytophthora cinnamomi</i> Rands	BE, CAN, FR, GE, IT, UK (CABI, 2025), NE (CABI, 2025; EPPO, 2025; Farr and Rossman, 2025; O'Hanlon et al., 2016)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
CHROMISTAN <i>Phytophthora citrophthora</i> (R.E. Sm. & E.H. Sm.) Leonian	FR (CABI, 2025; Farr and Rossman, 2025), IT (Vettraino et al., 2010), UK (Jung et al., 2016)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
CHROMISTAN <i>Phytophthora cryptogea</i> Pethybr. & Laff.	BE, CAN, FR, GE, IT, NE (CABI, 2025; Pane et al., 2017), UK (Jung et al., 2016; O'Hanlon et al., 2016)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
CHROMISTAN <i>Phytophthora drechsleri</i> Tucker	CAN (Farr and Rossman, 2025), IT (Pane et al., 2005), UK (Jones and Baker, 2007)	(CABI, 2025)	(Erwin and Ribeiro, 1996; Ogawa et al., 1995)	N/A
CHROMISTAN <i>Phytophthora inundata</i> Brasier, Sánch. Hern. & S.A. Kirk	IT (Pane et al., 2017), UK (Nechwatal et al., 2013; O'Hanlon et al., 2016)	(Farr and Rossman, 2021; Parke et al., 2014)	(Grigel et al., 2019)	N/A
CHROMISTAN <i>Phytophthora lacustris</i> Brasier, Cacciola, Nechw., T. Jung & Bakonyi	IT, UK (Nechwatal et al., 2013)	(Hao et al., 2020; Sims et al., 2015; Stamler et al., 2016)	(Grigel et al., 2019)	N/A
CHROMISTAN <i>Phytophthora megasperma</i> Drechsler	CAN, FR (CABI, 2025; Farr and Rossman, 2025), IT (Pane et al., 2016), UK (Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
CHROMISTAN <i>Phytophthora nicotianae</i> Breda de Haan, syn. <i>Phytophthora nicotianae</i> var. <i>parasitica</i> (Dastur) G.M. Waterh., <i>Phytophthora parasitica</i> Dastur	CAN, FR, GE, IT, UK (CABI, 2025)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	N/A
CHROMISTAN <i>Phytophthora niederhauseri</i> Z.G. Abad & J.A. Abad	IT, UK (Abad et al., 2014; Prigigallo et al., 2015)	California (Browne et al., 2015), North Carolina (Abad et al., 2014)	(Browne, 2017; Browne et al., 2015)	N/A
CHROMISTAN <i>Phytophthora palmivora</i> (E.J. Butler) E.J. Butler	IT (CABI, 2025)	(CABI, 2025)	(Turkolmez et al., 2015; Türkölmez et al., 2015)	N/A
CHROMISTAN <i>Phytophthora plurivora</i> T. Jung & T.I. Burgess	GE (Schoebel et al., 2014), IT (Linaldeddu et al., 2019), UK (Jung et al., 2016; O'Hanlon et al., 2016)	(Knaus et al., 2015; McKeever and Chastagner, 2016; Molnar et al., 2020; Rooney-Latham et al., 2019)	(Çiftçi et al., 2016; Grigel et al., 2019; Sárándi-Kovács et al., 2016)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
CHROMISTAN <i>Phytophthora syringae</i> (Berk.) Kleb.	CAN, FR (Farr and Rossman, 2025), GE (Jung et al., 2005), IT (CABI, 2025), NE (Schubert et al., 1999), UK (Jung et al., 2016; O'Hanlon et al., 2016)	(CABI, 2025; Farr and Rossman, 2025)	(Cunnington et al., 2009; Farr and Rossman, 2025)	The pest is established in the United States and is not under official control.
CHROMISTAN <i>Phytophthora tropicalis</i> Aragaki & J.Y. Uchida	GE (Gerlach and Schubert, 2001), NE (Farr and Rossman, 2025)	(CABI, 2025)	(Farr and Rossman, 2025; Pane et al., 2009)	N/A
CHROMISTAN <i>Phytophythium helicoides</i> (Drechsler) Abad, de Cock, Bala, Robideau, Lodhi & Lévesque	IT (Lanter et al., 2018)	(Browne et al., 2019; Farr and Rossman, 2025)	(Browne et al., 2019)	N/A
CHROMISTAN <i>Phytophythium vexans</i> (de Bary) Abad, de Cock, Bala, Robideau, Lodhi & Lévesque, syn. <i>Pythium vexans</i> de Bary	FR, GE (CABI, 2025), IT (Prencepe et al., 2020), UK (Pettitt et al., 2015)	(CABI, 2025; Farr and Rossman, 2025)	(CABI, 2025; Farr and Rossman, 2025)	The pest is established in United States and is not under official control.
CHROMISTAN <i>Pythium dissotocum</i> Drechsler	IT (Gilardi et al., 2018), UK (Pettitt et al., 2015)	(Farr and Rossman, 2025; UGA, 2025b)	(Hendrix et al., 1966)	N/A
BACTERIUM ' <i>Candidatus</i> Phytoplasma asteris' Lee et al. (16SrI-B)	BE, CAN, FR, GE (CABI, 2025), IT (Paltrinieri et al., 2001; Parrella et al., 2008), UK (Lee et al., 1998)	(Borth et al., 2002; CABI, 2025; Lee et al., 1998)	(Caglayan et al., 2013; Zunnoon-Khan et al., 2010; Zwolińska et al., 2019)	The pest is established in United States and is not under official control.
BACTERIUM ' <i>Candidatus</i> Phytoplasma fraxini' 16SrVII	CAN (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
BACTERIUM ' <i>Candidatus</i> Phytoplasma pruni' 16SrIII	CAN (Arocha-Rosete et al., 2016)	(Villamor and Eastwell, 2019)	(Villamor and Eastwell, 2019)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
BACTERIUM <i>Erwinia amylovora</i> (Burrill) Winslow et al.	BE, CAN, FR, GE, IT, NE, UK (CABI, 2025)	(CABI, 2025)	(CABI, 2025; Korba and Sillerova, 2010; Végh and Palkovics, 2016)	N/A
BACTERIUM <i>Pantoea ananatis</i> corrig. (Serrano) Mergaert et al. (homotypic syn. <i>P. ananas</i> ) syn. <i>Erwinia ananatis</i> Serrano	CAN (CABI, 2025), GE (Zang et al., 2021), IT (Cortesi and Pizzatti, 2007)	(CABI, 2025; Mergaert et al., 1993)	(CABI, 2025; Liao et al., 2016)	The pest is established in the United States and is not under official control.
BACTERIUM Peach yellows phytoplasma	CAN (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
BACTERIUM <i>Pseudomonas cichorii</i> (Swingle) Stapp syn. <i>Burkholderia cepacia</i> (Palleroni and Holmes) Yabuuchi et al.	BE, CAN, FR, GE, IT (CABI, 2025), UK (EPPO, 2025)	(CABI, 2025; UGA, 2025a)	(Pinto de Torres and Carreno Ibanez, 1983)	The pest is established in the United States and is not under official control.
BACTERIUM <i>Pseudomonas fluorescens</i> (Trevisan) Migula	BE (Matthijs et al., 2013), CAN, FR, GE, NE, UK (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
BACTERIUM <i>Pseudomonas marginalis</i> pv. <i>marginalis</i> (Brown) Stevens	BE, CAN, FR, GE, IT, NE (CABI, 2025), UK (EPPO, 2025)	(CABI, 2025)	(Bradbury, 1986; CABI, 2025)	N/A
BACTERIUM <i>Pseudomonas syringae</i> pv. <i>morsprunorum</i> (Wormald) Young et al.	BE, CAN, FR, GE, NE (CABI, 2025), IT (Giovanardi et al., 2018; Scortichini et al., 1995), UK (EPPO, 2025)	(CABI, 2025; UGA, 2025a)	(CABI, 2025; Colina, 2016; Constable, 2005; Giovanardi et al., 2018; Lee et al., 2012; López et al., 2010; Sadallah et al., 2017; Scortichini et al., 1995)	The pest is established in the United States and is not under official control.

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
BACTERIUM <i>Pseudomonas syringae</i> pv. <i>syringae</i> van Hall syn. <i>Pseudomonas syringae</i> van Hall	BE, CAN, FR, GE, UK, NE (CABI, 2025), IT (Giovanardi et al., 2018)	(CABI, 2025; Raabe et al., 1981; UGA, 2025a)	(Bayram, 2017; Colina, 2016; Giovanardi et al., 2018; López et al., 2010; Pankova and Krejzar, 2022; Sadallah et al., 2017)	N/A
BACTERIUM <i>Pseudomonas viridiflava</i> (Burkholder) Dowson	BE, FR, GE, NE, UK (CABI, 2025), IT (Balestra et al., 2008; Moretti et al., 2011)	(CABI, 2025; Hughey et al., 2017; UGA, 2025a)	(CABI, 2025; Goss et al., 2005; Jakob et al., 2002; Sadallah et al., 2017)	The pest is established in the United States and is not under official control.
BACTERIUM <i>Rhizobium radiobacter</i> (Beijerinck & van Delden) Young et al., syn. <i>Agrobacterium tumefaciens</i> (Smith & Townsend) Conn	BE, CAN, FR, GE, IT, NE (CABI, 2025), UK (EPPO, 2025)	(CABI, 2025; EPPO, 2025; UGA, 2025a)	(Bayram, 2017; Bradbury, 1986; CABI, 2025; Colina, 2016; Constable, 2005; López et al., 2010; Rhouma et al., 2005)	N/A
BACTERIUM <i>Rhizobium rhizogenes</i> (Riker et al.) Young et al., syn. <i>Agrobacterium rhizogenes</i> (Riker et al.) Conn	CAN, FR, GE (CABI, 2025), IT (Weller et al., 2004)	(CABI, 2025; UGA, 2025a)	(Bradbury, 1986; CABI, 2025; López et al., 2010; Pulawska et al., 2016)	N/A
BACTERIUM <i>Spiroplasma citri</i> Saglio et al.	FR, IT (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
BACTERIUM <i>Xanthomonas arboricola</i> pv. <i>pruni</i> (Smith) Vauterin, Hoste, Kersters & Swings syn. <i>Xanthomonas pruni</i> Smith; <i>Xanthomonas campestris</i> pv. <i>pruni</i> (Smith) Dye	CAN, FR, GE, NE (CABI, 2025), IT (Gerin et al., 2019)	(CABI, 2025; UGA, 2025a)	(Chong et al., 2012; Garita-Cambronero et al., 2018; Gerin et al., 2019)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
VIRUS <i>Ampelovirus nanoavii</i> , syn. <i>Ampelovirus Little cherry virus 2</i>	BE, CAN (CABI, 2025; Tahzima et al., 2019), GE (EPPO, 2025; Rott and Jelkmann, 2001), UK (EPPO, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Ampelovirus pruni</i> , syn. <i>Ampelovirus Plum bark necrosis stem pitting-associated virus</i>	IT (Amenduni et al., 2005)	(Cheong et al., 2015; Pscheidt and Ocamb, 2021)	(Hadidi et al., 2011; He et al., 2017)	N/A
VIRUS <i>Capillovirus alphavii</i> , syn. <i>Capillovirus Cherry virus A</i>	BE (Tahzima et al., 2019), CAN, FR, GE (CABI, 2025), IT (Barone et al., 2006), NE (Osman et al., 2012), UK (Osman et al., 2017)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Capillovirus mali</i> , syn. <i>Capillovirus Apple stem grooving virus</i>	BE, CAN, FR, GE, NE, IT, UK (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	The pest is established in the United States and is not under official control.
VIRUS <i>Cheravirus avii</i> , syn. <i>Cheravirus Cherry rasp leaf virus</i>	CAN (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Cucumovirus CMV</i> , syn. <i>Cucumovirus Cucumber mosaic virus</i>	BE, CAN, FR, NE, UK (CABI, 2025), IT (Davino et al., 2012)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Dianthovirus dianthi</i> , syn. <i>Dianthovirus Carnation ringspot virus</i>	BE (Verhoyen, 1972), CAN, FR, GE, NE (CABI, 2025), IT (Valente et al., 2004), UK (Abdul Magid and Robb, 1991)	(CABI, 2025)	(CABI, 2025)	The pest is established in the United States and is not under official control.

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
VIRUS <i>Foveavirus mali</i> , syn. <i>Foveavirus</i> <i>Apple stem pitting virus</i> , <i>Foveavirus</i> Apple green crinkle associated virus, Apple green crinkle agent (unknown etiology)	BE (Kummert et al., 1998), CAN, FR, GE, IT, NE, UK (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	The pest is established in the United States and is not under official control.
VIRUS <i>Illavirus APLPV</i> , syn. <i>Illavirus</i> <i>American plum line pattern virus</i>	CAN (CABI, 2025), IT (Myrta et al., 2009)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Illavirus ApMV</i> , syn. <i>Illavirus</i> <i>Apple mosaic virus</i>	BE, CAN, FR, NE, UK (CABI, 2025), GE (EPPO, 2025), IT (Grayaa et al., 1993; Hadidi et al., 2011)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Illavirus PDV</i> , syn. <i>Illavirus</i> <i>Prune dwarf virus</i>	BE, CAN, FR, GE, UK (CABI, 2025), IT (Kamenova et al., 2019; Youssef et al., 2002)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Illavirus PNRSV</i> , syn. <i>Illavirus</i> <i>Prunus necrotic ringspot virus</i>	BE, CAN, FR, GE, NE, UK (CABI, 2025), IT (Myrta et al., 2001)	(CABI, 2025; Pethybridge et al., 2002; USDA APHIS, 2003; Uyemoto et al., 1989)	(CABI, 2025)	N/A
VIRUS <i>Nepovirus arabis</i> , syn. <i>Nepovirus</i> <i>Arabis mosaic virus</i>	BE, CAN, NE, UK (CABI, 2025), FR, GE, IT (Wetzel et al., 2002)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Nepovirus avii</i> , syn. <i>Nepovirus</i> <i>Cherry leaf roll virus</i>	BE, CAN, IT, NE (CABI, 2025), FR (EPPO, 2025; Rebenstorf et al., 2006), GE (Jelkmann et al., 2018; Rebenstorf et al., 2006)	(CABI, 2025; Eastwell and Howell, 2010; USDA APHIS, 2003)	(CABI, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
VIRUS <i>Nepovirus lycopersici</i> , syn. <i>Nepovirus Tomato ringspot virus</i>	CAN, FR, IT, NE, UK (CABI, 2025), GE [under eradication] (CABI, 2025; EFSA Panel on Plant Health, 2019)	(CABI, 2025; Caprile et al., 2021)	(CABI, 2025)	N/A
VIRUS <i>Nepovirus nigranuli</i> , syn. <i>Nepovirus Tomato black ring virus</i>	BE (CABI, 2025; EPPO, 2025), FR (EPPO, 2025; Laveau et al., 2013), GE (Fowkes et al., 2022), NE (CABI, 2025; EPPO, 2025; Youssef and Wenneker, 2021), UK (EPPO, 2025)	(Davalos et al., 2021)	(Bercks and Mischke, 1964; CABI, 2025; Constable, 2005; Harper et al., 2011; Subíková et al., 2002)	The pest is established in the United States and is not under official control.
VIRUS <i>Nepovirus persicae</i> , syn. <i>Nepovirus Peach rosette mosaic virus</i>	CAN (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Nepovirus rubi</i> , syn. <i>Nepovirus Raspberry ringspot virus</i>	FR (EPPO, 2025), GE (von Barga et al., 2015), NE (CABI, 2025), UK (EPPO, 2025)	(Davalos et al., 2021)	(CABI, 2025; Ražov et al., 2021; Tang et al., 2020; Zawadzka, 1986)	N/A
VIRUS <i>Robigovirus necroavii</i> , syn. <i>Robigovirus Cherry necrotic rusty mottle virus</i>	CAN, FR (CABI, 2025), UK (EPPO, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Robigovirus robigomaculae</i> , syn. <i>Robigovirus Cherry rusty mottle associated virus</i>	BE, CAN, FR, GE, NE, UK (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	The pest is established in the United States and is not under official control.

Organism	In BE, CAN, FR, GE, IT, NE, or UK	In U.S.	Host Association	Notes
VIRUS <i>Robigovirus viridiavii</i> , syn. <i>Robigovirus Cherry green ring mottle virus</i>	BE, CAN, FR, GE (CABI, 2025), IT (Barone et al., 2008), NE (Osman et al., 2012), UK (Osman et al., 2017)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Sobemovirus SoMV</i> , syn. <i>Sobemovirus Sowbane mosaic virus</i>	CAN, FR, IT (CABI, 2025)	(CABI, 2025)	(CABI, 2025)	N/A
VIRUS <i>Stralarivirus fragariae</i> , syn. <i>Sadwavirus Strawberry latent ringspot virus</i>	BE, CAN, IT, UK (CABI, 2025), FR (EPPO, 2025), GE (Hentsch et al., 1997), NE (EFSA Panel on Plant Health, 2013; EPPO, 2025)	(CABI, 2025; Martin et al., 2004)	(CABI, 2025; Elbeaino et al., 2007)	N/A
VIRUS Tobacco necrosis virus	BE, CAN, FR, GE, IT, NE (CABI, 2025), UK (Shen and Miller, 2004)	(CABI, 2025; Uyemoto and Gilmer, 1972)	(CABI, 2025)	The pest is established in the United States and is not under official control. Strains of this virus have been placed into <i>Alphanecrovirus nicotianae</i> , syn. <i>Alphanecrovirus Tobacco necrosis virus A</i> and <i>Betanecrovirus nicotianae</i> , syn. <i>Betanecrovirus Tobacco necrosis virus D</i> . It is unclear which infects <i>Prunus</i> spp.
VIRUS <i>Tobamovirus tabaci</i> , syn. <i>Tobamovirus Tobacco mosaic virus</i>	BE (Verhoyen et al., 1987), CAN, FR, GE, IT (CABI, 2025), UK (MacNell, 1963)	(CABI, 2025)	(CABI, 2025)	N/A

<b>Organism</b>	<b>In BE, CAN, FR, GE, IT, NE, or UK</b>	<b>In U.S.</b>	<b>Host Association</b>	<b>Notes</b>
VIRUS <i>Tombusvirus lycopersici</i> , syn. <i>Tombusvirus Tomato bushy stunt virus</i>	CAN, GE (CABI, 2025), IT (Marras et al., 1998), UK (EPPO, 2025; Tomlinson and Faithfull, 1984)	California (CABI, 2025; Gerik et al., 1990; UGA, 2025d)	(CABI, 2025)	The pest is established in the United States and is not under official control.
VIRUS <i>Trichovirus maculavii</i> , syn. <i>Trichovirus Cherry mottle leaf virus</i>	IT, UK (Németh, 1986)	(Caprile et al., 2021; Pscheidt and Ocamb, 2021; UGA, 2025d)	(Caprile et al., 2021; Ma et al., 2014; Pscheidt and Ocamb, 2021)	N/A
VIRUS <i>Trichovirus mali</i> , syn. <i>Trichovirus Apple chlorotic leaf spot virus</i> , Plum bark split trichovirus	BE, CAN, IT (CABI, 2025), FR (EPPO, 2025; Wu et al., 2010), GE (CABI, 2025), NE (Osman et al., 2012), UK (EPPO, 2025)	(CABI, 2025; Szostek et al., 2018)	(Diaz-Lara et al., 2020; Gümüs et al., 2007; Osman et al., 2012; Rubio et al., 2017)	The pest is established in the United States and is not under official control.
VIRUS <i>Velarivirus nanoavii</i> , syn. <i>Velarivirus Little cherry virus 1</i>	BE, GE, UK (CABI, 2025; EPPO, 2025; Tahzima et al., 2019), CAN (Simkovich et al., 2021), IT (Matic et al., 2007)	(CABI, 2025)	(CABI, 2025)	N/A
VIROID <i>Apscaviroid cicatricimali</i> , syn. <i>Apscaviroid Apple scar skin viroid</i>	CAN, FR, IT, UK (CABI, 2025), GE (Hadidi et al., 2017)	(CABI, 2025)	(CABI, 2025)	N/A
VIROID <i>Hostuviroid impedi humuli</i> , syn. <i>Hostuviroid Hop stunt viroid</i>	CAN, FR, GE, NE (CABI, 2025), IT (Elbeaino et al., 2012; Luigi et al., 2013)	(CABI, 2025; Eastwell and Nelson, 2007; Kunta et al., 2007; Osman et al., 2012)	(CABI, 2025)	The pest is established in the United States and is not under official control.
VIROID <i>Pelamoviroid latenspruni</i> , syn. <i>Pelamoviroid Peach latent mosaic viroid</i>	CAN, FR (CABI, 2025), IT (Albanese et al., 1992; Faggioli et al., 1997)	(CABI, 2025)	(CABI, 2025)	The pest is established in the United States and is not under official control.