Cornell University Plant Disease Diagnostic Clinic | Diagnostic Review Report

Host		Diagnosis	Confidence (to genus)			
Scientific Name	Common Name	This section reports samples from all statuses. Each sample may have one or more diagnosis or identification; hence this section does not represent the total number of samples	Confirmed	Not Detected	Suspected	Inconclusive
Time Period Report for September 22nd through October 5th 2020						
Acer palmatum	Japanese Maple	High soil moisture (Abiotic disorder)	0	0	1	0
Acer palmatum	Japanese Maple	Root rot (*Phytophthora* sp./spp.)	0	1	0	0
Acer tataricum ginnala	Amur Maple	Dieback; Twig blight; Canker (*Botryosphaeria obtusa*)	1	0	0	0
Acer tataricum ginnala	Amur Maple	Root damage (Abiotic disorder)	0	0	1	0
Allium sativum	Garlic	Stem and bulb nematode (*Ditylenchus dipsaci*)	0	1	0	0
Allium sativum	Garlic	Stem and bulb nematode (*Ditylenchus dipsaci*)	1	2	0	0
Cannabis sativa	Hemp	Plant parasitic nematodes (Family Tylenchidae)	0	1	0	0
Cannabis sativa	Hemp	Slime mold (Class Myxogastria; Mycetozoa)	0	1	0	0
Cannabis sativa	Hemp	Tobacco mosaic (TMV) (Tobamovirus Tobacco Mosaic Virus)	0	1	0	0
Cannabis sativa	Hemp	Yeast contamination (Yeast Contamination)	1	0	0	0
Cucurbita moschata butternut	Butternut Squash	Phytophthora fruit rot (*Phytophthora capsici*)	1	0	0	0
Cucurbita moschata butternut	Butternut Squash	Sour rot (*Geotrichum* sp./spp.)	1	0	0	0

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Not Detected -The sample was submitted as a suspect sample or as part of survey project. The pathogen was not detected on this sample at this time using approved molecular technologies, serological testing and/or morphological observations.

Suspected - Diagnostic symptoms of the pathogen were present but evidence of the pathogen could not be confirmed at this time. This term may also be used at the species level if confirmations cannot be made. This term may also be used with abiotic entries.

Inconclusive - Although a suitable sample was received, a reliable result could not be achieved. For example, the test kit may have not worked correctly and there was no sample material remaining to perform the test again. Or, no DNA was detected in a PCR analysis. Inhibitors may have been present in the sample. A second attempt may have been made with the same results. The only conclusion is to label the sample as inconclusive.

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Fagus grandifolia	American Beech	Beech Leaf Disease (*Litylenchus crenatae*)	7	0	0	0
Family cruciferae	Crucifers	Pythium damping off (*Pythium* sp./spp.)	1	0	0	0
Itea sp./spp.	Itea; Sweetspire	High soil moisture (Abiotic disorder)	0	0	1	0
Itea sp./spp.	Itea; Sweetspire	Insect damage (Unidentified Insect)	1	0	0	0
Itea sp./spp.	Itea; Sweetspire	Nitrogen deficiency (Abiotic disorder)	0	0	1	0
Itea sp./spp.	Itea; Sweetspire	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Juniperus sp./spp.	Juniper	Branch girdling (Abiotic disorder)	0	0	1	0
Juniperus sp./spp.	Juniper	No pathogen found (Identification Analysis)	1	0	0	0
Mixed Plant material	Mixed Plant material	Powdery mildew (*Oidium* sp./spp.)	1	0	0	0
Mixed Plant material	Mixed Plant material	Spider mites (Family Tetranychidae)	1	0	0	0
Mixed Plant material	Mixed Plant material	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Picea omorika	Serbian Spruce	Mechanical damage (Abiotic disorder)	0	0	1	0
Picea omorika	Serbian Spruce	Nutrient imbalance (Abiotic disorder)	0	0	1	0
Picea omorika	Serbian Spruce	Scale insects (Order Homoptera)	1	0	0	0

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Picea omorika	Serbian Spruce	Unspecified pathology (*Rhizosphaera* sp./spp.)	1	0	0	0
Quercus palustris	Pin Oak	Bacterial leaf scorch (*Xylella fastidiosa*)	0	1	0	0
Quercus palustris	Pin Oak	Leaf scorch (Abiotic disorder)	0	0	1	0
Quercus palustris	Pin Oak	Leaf spot (*Tubakia dryina*)	1	0	0	0
Quercus palustris	Pin Oak	Spider mites (Family Tetranychidae)	1	0	0	0
Rosa sp./spp.	Rose	Canker (Unidentified Fungus)	0	0	1	0
Rosa sp./spp.	Rose	Black spot (Rose) (*Diplocarpon rosae*)	1	0	0	0
Taxus sp./spp.	Yew	Algae (General)	1	0	0	0
Taxus sp./spp.	Yew	Moisture stress (Abiotic disorder)	0	0	1	0
Taxus sp./spp.	Yew	No pathogen found (Identification Analysis)	1	0	0	0
Taxus sp./spp.	Yew	Root damage (Abiotic disorder)	1	0	0	0
Viola sp./spp.	Violas (violet; pansy)	Black root rot (*Berkeleyomyces basicola*)	2	0	0	0
Viola sp./spp.	Violas (violet; pansy)	Leaf Spot (*Alternaria alternata*)	1	0	0	0
Viola sp./spp.	Violas (violet; pansy)	Leaf spot (Unidentified Fungus)	0	0	1	0

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