## **Cornell University Plant Disease Diagnostic Clinic**

Picea abies

Norway Spruce

Diagnostic Review Report

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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 May 25 <sup>th</sup> through June 7	7 <sup>th</sup> , 2021				
Brassica olereacea Kale Unspecified pathology (Pythium sp./spp.)		0	1	0	0		
Brassica olereacea	Kale	Unspecified pathology ( <i>Rhizoctonia</i> sp./spp.)		1	0	0	0
Ginkgo biloba	Ginkgo	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0
Ginkgo biloba	Ginkgo	Root damage (Abiotic disorder)		0	0	1	0
Ilex glabra	Inkberry	Black root rot (Berkeleyomyces basicola)		0	1	0	0
Ilex glabra	Inkberry	Unspecified pathology ( <i>Rhizoctonia</i> sp./spp.)		1	0	0	0
Juniperus sp./spp.	Juniper	Cedar-quince rust (Gymnosporangium clavipes)		1	0	0	0
Juniperus sp./spp.	Juniper	Juniper scale (Carulaspis juniperi)		0	0	1	0
Lonicera sp./spp.	Honeysuckle	Moisture stress (Abiotic disorder)		0	0	1	0
Lonicera sp./spp.	Honeysuckle	Powdery mildew ( <i>Oidium</i> sp./spp.)		1	0	0	0
Malus sp./spp.	Crabapple	Apple Blotch (Marssonina coronariae)		0	1	0	0
Malus sp./spp.	Crabapple	Moisture stress (Abiotic disorder)		0	0	1	0
Malus sp./spp.	Crabapple	Scab (Venturia sp./spp.)		1	0	0	0
Picea abies	Norway Spruce	High soil moisture (Abiotic disorder)		0	0	1	0
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Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)

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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Picea abies Norway Spruce Transplant shock; Stress (Abiotic disorder)			0	0	1	0	
Picea abies	Norway Spruce	Wood boring insect damage (Unidentified Wood Boring Insect)		1	0	0	0
Populus sp./spp.	Poplar	Dothichiza canker (Cryptodiaporthe populea)		1	0	0	0
Portulaca sp./spp.	Purslane; Rose moss	Crown rot; Root rot; Stem rot ( <i>Phytophthora</i> sp./spp.)		0	0	1	0
Portulaca sp./spp.	Purslane; Rose moss	Stem rot ( <i>Botrytis</i> sp./spp.)		1	0	0	0
Portulaca sp./spp.	Purslane; Rose moss	Unidentified bacteria (Unidentified Bacteria)		1	0	0	0
Prunus serrulata	Japanese Flowering cherry	Excessive mulch (Abiotic disorder)		0	0	1	0
Prunus serrulata	Japanese Flowering cherry	No pathogen found (Identification Analysis)		1	0	0	0
Prunus serrulata	Japanese Flowering cherry	Scorch (Abiotic disorder)		0	0	1	0
Ranunculus sp./spp.	Crowfoot; Buttercup	Drainage problem (Abiotic disorder)		0	0	1	0

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Ranunculus sp./spp.	Crowfoot; Buttercup	Root rot ( <i>Phytophthora</i> sp./spp.)		0	1	0	0
Ranunculus sp./spp.	Crowfoot; Buttercup	Unspecified pathology ( <i>Rhizoctonia</i> sp./spp.)		1	0	0	0
Rhus coppalinum	Winged Sumac	Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)		1	0	0	0
Rhus coppalinum	Winged Sumac	Sumac leaf curl (Taphrina purpurescens)		2	0	0	0
Thuja sp./spp.	Arborvitae	Algae (Unidentified Algae)		1	0	0	0
Thuja sp./spp.	Arborvitae	Needle blight ( <i>Phyllosticta</i> sp./spp.)		1	0	0	0
Thuja sp./spp.	Arborvitae	Spider mites (Family Tetranychidae)		0	0	1	0
Ulmus americana	American Elm	Dutch elm disease ( <i>Ophiostoma</i> sp./spp.)		1	0	0	0
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