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 November 17 th through December 18 th 2020					
Abies concolor	concolor White Fir High soil moisture (Abiotic disorder)		0	0	1	0	
Abies concolor	White Fir	Nutrient imbalance (Abiotic disorder)	0	0	1	0	
Abies concolor	White Fir	Oedema; Edema (Abiotic disorder)	1	0	0	0	
Buxus sp./spp.	Boxwood	Boxwood leafminer (Monarthropalpus flavus (buxi))	1	0	0	0	
Buxus sp./spp.	Boxwood	Boxwood mite (Eurytetranychus buxi)	0	0	1	0	
Buxus sp./spp.	Boxwood	Boxwood psyllid (Cacopsylla buxi)	0	0	1	0	
Buxus sp./spp.	Boxwood	Root damage (Abiotic disorder)		0	1	0	
Buxus sp./spp.	Boxwood	Moisture stress (Abiotic disorder)	0	0	1	0	
Cannabis sativa	Hemp	No pathogen found (Identification Analysis)	0	0	0	0	
Cannabis sativa	Hemp	Unknown abiotic disorder (Abiotic disorder)	1	0	1	0	
Eruca sativa	Arugula	No pathogen found (Identification Analysis)	1	0	0	0	
Fagus grandifolia	American Beech	Beech Leaf Disease (<i>Litylenchus crenatae</i>)	3	0	0	0	
Fragaria sp./spp.	Strawberry	Rhizoctonia root rot (<i>Rhizoctonia</i> sp./spp.)	3	0	0	0	
Fragaria sp./spp.	Strawberry	Root rot (<i>Phytophthora</i> sp./spp.)	0	3	0	0	

Confirmed - The diagnosis was derived using approved molecular technologies, serological testing and/or morphological observations which allowed for the confirmation of the organism to Genus, species and/or race or pathovar level.

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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Ocimum basilicum	Sweet Basil	No pathogen found (Identification Analysis)		2	0	0	0
Ocimum basilicum	Sweet Basil	Unknown abiotic disorder (Abiotic disorder)		0	0	2	0
Ocimum basilicum	Sweet Basil	Unspecified pathology (<i>Rhizoctonia</i> sp./spp.)		0	7	0	0
Picea abies	Norway Spruce	Eastern spruce gall adelgid (Adelges abietis)		1	0	0	0
Picea abies	Norway Spruce	High soil moisture (Abiotic disorder)		0	0	1	0
Picea abies	Norway Spruce	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0
Picea abies	Norway Spruce	Root damage (Abiotic disorder)		0	0	1	0
Picea pungens	Blue Spruce	Spruce spider mite (Oligonychus ununguis)		0	0	1	0
Picea pungens	Blue Spruce	Stigmina needle blight (<i>Stigmina lautii</i>)		1	0	0	0
Picea pungens	Blue Spruce	Unspecified pathology (Rhizosphaera sp./spp.)		1	0	0	0
Picea pungens	Blue Spruce	Weir's cushion rust (<i>Chrysomyxa weirii</i>)		0	0	1	0
Picea sp./spp.	Spruce	Eastern spruce gall adelgid (Adelges abietis)		0	0	1	0
Picea sp./spp.	Spruce	Spruce spider mite (Oligonychus ununguis)		0	0	1	0
Picea sp./spp.	Spruce	Stigmina needle blight (<i>Stigmina lautii</i>)		1	0	0	0

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Picea sp./spp.	Spruce	Unspecified pathology (<i>Rhizosphaera</i> sp./spp.)		0	0	0	
Platanus x acerifolia	London Planetree	Branch canker; Massaria (<i>Splanchnonema platani</i>)		1	0	0	
Platanus x acerifolia	London Planetree	Canker (Unidentified Fungus)		0	1	0	
Quercus phellos	Willow Oak	Wood rot fungus; Dryadeus root rot (Inonotus dryadeus)	1	0	0	0	

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