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		Not Detected	Suspected	Inconclusive		
		Time Period Report for May 1 st through May 18 th 2020						
Buxus sp./spp.	Boxwood	Algae (General)	1	0	0	0		
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	0	4	0	0		
Buxus sp./spp.	Boxwood	Boxwood leafminer (Monarthropalpus flavus (buxi))	2	0	1	0		
Buxus sp./spp.	Boxwood	Boxwood mite (Eurytetranychus buxi)	1	0	0	0		
Buxus sp./spp.	Boxwood	Fusarium blight (<i>Fusarium</i> sp./spp.)	1	0	0	0		
Buxus sp./spp.	Boxwood	Lichens (Lichenes)	1	0	0	0		
Buxus sp./spp.	Boxwood	Unspecified pathology (Fusarium sp./spp.)	1	0	0	0		
Buxus sp./spp.	Boxwood	Unspecified pathology (<i>Phomopsis</i> sp./spp.)	1	0	0	0		
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (Volutella sp./spp.)	2	0	0	0		
Buxus sp./spp.	Boxwood	Winter injury (Abiotic disorder)	0	0	2	0		
Cladrastis kentukea	Kentucky Yellowwood	Crown rot; Root rot; Stem rot (<i>Phytophthora</i> sp./spp.)	0	0	1	0		
Cladrastis kentukea	Kentucky Yellowwood	Verticillium wilt (<i>Verticillium</i> sp./spp.)	0	1	0	0		
Eucalyptus sp./spp.	Eucalyptus	Stem rot (Botrytis sp./spp.)	1	0	0	0		
Fagus sp./spp.	Beech	Leaf gall nematode (Litylenchus crenatae)	1	9	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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llex opaca	American Holly	Black root rot (Thielaviopsis basicola)	1	0	0	0		
Ilex opaca	American Holly	High soil moisture (Abiotic disorder)		0	1	0		
Ilex opaca	American Holly	Stunt nematodes (<i>Tylenchorhynchus</i> sp./spp.)	1	0	0	0		
Nasturtium officinale	Watercress	Rhizoctonia stem and root rot (<i>Rhizoctonia</i> sp./spp.)	2	0	0	0		
Nasturtium officinale	Watercress	Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)		0	0	0		
Nasturtium officinale	Watercress	Rhizoctonia root; Crown rot (<i>Rhizoctonia</i> sp./spp.)		0	0	0		
Ocimum basilicum	Sweet Basil	Bulb mite (Rhizoglyphus sp./spp.)	1	0	0	0		
Ocimum basilicum	Sweet Basil	No pathogen found (Identification Analysis)	2	0	0	0		
Ocimum basilicum	Sweet Basil	Rhizoctonia root rot (<i>Rhizoctonia</i> sp./spp.)	2	0	0	0		
Pelargonium x hortorum	House Geranium	Broad mite (Polyphagotarsonemus latus)	1	0	0	0		
Pelargonium x hortorum	House Geranium	Oedema; Edema (Abiotic disorder)	1	0	0	0		
Pelargonium x hortorum	House Geranium	Twospotted spider mite (<i>Tetranychus urticae</i>)		0	0	0		
Picea pungens	Blue Spruce	Pine needle scale (Chionaspis pinifoliae)	0	0	1	0		

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Picea pungens	Blue Spruce	Root damage (Abiotic disorder)		0	0	1	0	
Picea pungens	Blue Spruce	Stigmina needle blight (Stigmina lautii)		2	0	0	0	
Picea pungens	Blue Spruce	Weir's cushion rust (<i>Chrysomyxa weirii</i>)		3	0	0	0	
Picea pungens	Blue Spruce	Winter injury (Abiotic disorder)		0	0	1	0	
Raphanus sativus	Radish	Crucifer white rust (Albugo candida)		1	0	0	0	
Thymus sp./spp.	Thyme	Pythium damping off (<i>Pythium</i> sp./spp.)		1	0	0	0	

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