Cornell University Plant Disease Diagnostic Clinic

Diagnostic Review Report

Host		Diagnosis		Confidence (to genus)			
Scientific Name	Common Name	hence this section does not represent the total number of samples		Not Detected		Inconclusive	
Time Poried Penert for August 14th through August 20th 2019							

		Time Period Report for August 14th through August 20th 2018				
Acer palmatum	Japanese Maple	Additional sample requested (Identification Analysis)	1	0	0	0
Acer palmatum	Japanese Maple	Verticillium wilt (<i>Verticillium</i> sp./spp.)	0	0	0	1
Acer palmatum	Japanese Maple	Wood decay fungus (Unidentified Fungus)	0	0	1	0
Acer palmatum	Japanese Maple	Wound canker (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	1	3	0	0
Buxus sp./spp.	Boxwood	Boxwood mite (Eurytetranychus buxi)	0	0	1	0
Buxus sp./spp.	Boxwood	Boxwood Volutella blight; Canker (Volutella buxi)	1	0	0	0
Buxus sp./spp.	Boxwood	High soil moisture (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Leaf blight (Volutella buxi)	1	0	0	0
Buxus sp./spp.	Boxwood	Mechanical damage (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Root damage (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Unspecified pathology (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Cryptomeria sp./spp.	Cryptomeria	Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Cryptomeria sp./spp.	Cryptomeria	Pestalotiopsis needle blight; Tip blight (<i>Pestalotiopsis</i> 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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Host		Diagnosis Diagnosis		Confidence (to genus)				
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<i>Cryptomeria</i> sp./spp.	Cryptomeria	Root damage (Abiotic disorder)		0	1	0		
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Additional sample requested (Identification Analysis)		0	0	0		
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Charcoal rot (<i>Macrophomina</i> sp./spp.)		0	1	0		
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Unspecified pathology (Fusarium sp./spp.)		0	0	0		
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Verticillium wilt (<i>Verticillium</i> sp./spp.)		1	0	0		
Hosta sp./spp.	Hosta	Hosta virus X (HVX) (Potexvirus Hosta Virus X)		0	0	0		
Nyssa sp./spp.	Tupelo; gum	Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)		0	0	0		
<i>Nyssa</i> sp./spp.	Tupelo; gum	Unknown abiotic disorder (Abiotic disorder)		0	1	0		
Picea pungens	Blue Spruce	Rhizosphaera needle cast (<i>Rhizosphaera</i> sp./spp.)		0	0	0		

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Picea pungens Blue Spruce Stigmina needle blight (Stigmina lautii)			1	0	0	0		
Populus tremuloides	Quaking Aspen	Leaf spot (Marssonina sp./spp.)		1	0	0	0	
Populus tremuloides	Quaking Aspen	Sooty mold (Unidentified Fungus)		1	0	0	0	
Rosa carolina	Pasture Rose	Black spot (Rose) (Diplocarpon rosae)		1	0	0	0	
Rosa carolina	Pasture Rose	Spider mites (Family Tetranychidae)		1	0	0	0	
Syringa sp./spp.	Lilac	No pathogen found (Identification Analysis)		1	0	0	0	
Syringa sp./spp.	Lilac	Nutritional deficiency (Abiotic disorder)		0	0	1	0	
Syringa sp./spp.	Lilac	Root damage (Abiotic disorder)		0	0	1	0	
Thuja sp./spp.	Arborvitae	Arborvitae needle blight (<i>Phyllosticta thujae</i>)		1	0	0	0	
Thuja sp./spp.	Arborvitae	Winter injury (Abiotic disorder)		0	0	1	0	
Turfgrass mixed species	Turfgrass	Environmental stress; Problem (Abiotic disorder)		0	0	1	0	
Turfgrass mixed species	Turfgrass	Pythium blight; Cottony blight (<i>Pythium</i> sp./spp.)		1	0	0	0	

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