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	Confirmed	Not Detected	Suspected	Inconclusive		

Time Period Report for September 13 th through September 18 th , 2016							
Aesculus parviflora	Bottlebrush Buckeye	Moisture stress (Abiotic disorder)	0	0	1	0	
Allium sativum	Garlic	Canker (Alternaria (Embellisia) embellisia (alli))	1	0	0	0	
Allium sativum	Garlic	Corm and bulb rot (<i>Penicillium</i> sp./spp.)	1	0	0	0	
Allium sativum	Garlic	Fusarium dry rot; Bulb rot (<i>Fusarium</i> sp./spp.)	4	0	0	0	
Allium sativum	Garlic	Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)	0	4	0	0	
Cornus sp./spp.	Dogwood	Dogwood anthracnose (<i>Discula destructiva</i>)	0	1	0	0	
Cornus sp./spp.	Dogwood	Planting too deep (Abiotic disorder)	0	0	1	0	
Cornus sp./spp.	Dogwood	Unspecified pathology (<i>Phomopsis</i> sp./spp.)	1	0	0	0	
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Plant parasitic nematodes (Unspecified Genera)	0	1	0	0	
Glycine max	Soybean	Charcoal rot (Macrophomina phaseolina)	1	0	0	0	
Glycine max	Soybean	Unspecified pathology (Fusarium sp./spp.)	1	0	0	0	
Glycine max	Soybean	Soybean stem canker (<i>Diaporthe phaseolorum</i>)	1	0	0	0	
Glycine max	Soybean	Moisture stress (Abiotic disorder)	0	0	1	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		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		
<i>Ilex</i> sp./spp.	Holly	Anthracnose; Twig dieback (Colletotrichum sp./spp.)	1	0	0	0		
Medicago sativa	Alfalfa	Alfalfa rust (<i>Uromyces striatus</i>)	1	0	0	0		
Medicago sativa	Alfalfa	Spider mites (Family Tetranychidae)	1	0	0	0		
Moss	Mosses/ Bryophytes	Cultural/environmental problem (Abiotic disorder)		0	1	0		
Persicaria virginiana	Jumpseed/ Virginia Knotweed	Insect damage (Unidentified Insect)	0	0	1	0		
Persicaria virginiana	Jumpseed/ Virginia Knotweed	No pathogen found (Identification Analysis)		0	0	0		
Phlox stolonifera	Creeping Phlox	Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	0	0	1	0		
Phlox stolonifera	Creeping Phlox	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0		
Quercus alba	White Oak	Wood rot fungus (Trametes pubescens)	1	0	0	0		
Ribes sp./spp.	Currant	Currant borer (Synanthedon tipuliformis)	0	0	1	0		
Ribes sp./spp.	Currant	Ribes anthracnose (<i>Drepanopeziza (Pseudopeziza) ribis</i>)	0	0	1	0		
Ribes sp./spp.	Currant	Unspecified pathology (Colletotrichum sp./spp.)	1	0	0	0		

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Ribes sp./spp.	Gooseberry	Ribes anthracnose (<i>Drepanopeziza (Pseudopeziza) ribis</i>)		1	0	0	0	
Ribes sp./spp.	Gooseberry	Unspecified pathology (Colletotrichum sp./spp.)		1	0	0	0	
Rubus sp./spp.	Raspberry	Leaf spot (<i>Sphaerulina rubi</i>)		1	0	0	0	
Thuja sp./spp.	Arborvitae	Pestalotiopsis needle blight; Tip blight (Pestalotiopsis sp./spp.)		1	0	0	0	
Thuja sp./spp.	Arborvitae	Root damage (Abiotic disorder)		0	0	1	0	
Tsuga sp./spp.	Hemlock	Root damage (Abiotic disorder)		0	0	1	0	
Tsuga sp./spp.	Hemlock	Unspecified pathology (<i>Phomopsis</i> sp./spp.)		1	0	0	0	
Turfgrass mixed species	Turfgrass	Magnaporthe summer patch (Magnaporthiopsis poae)		1	0	0	0	
Zea mays	Field Corn	Northern corn leaf spot (<i>Bipolaris zeicola</i>)		1	0	0	0	

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