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

rubrum

**Diagnostic Review Report** 

Confidence

Host		Diagnosis		(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 September 3 <sup>rd</sup> through September 16 <sup>th</sup> 2019				
Allium sativum	Garlic	Stem and bulb nematode ( <i>Ditylenchus dipsaci</i> )	1	6	0	0
Arabidopsis sp./spp.	Rockcress	Crown and root rot (Pathogen complex)	0	1	0	0
Arabidopsis sp./spp.	Rockcress	Nutrient imbalance (Abiotic disorder)	0	0	1	0
Arabidopsis sp./spp.	Rockcress	Unspecified pathology ( <i>Botrytis</i> sp./spp.)	1	0	0	0
Cannabis sativa	Hemp	Fusarium wilt (Fusarium oxysporum)	1	0	0	0
Cannabis sativa	Hemp	Leaf spot ( <i>Bipolaris</i> sp./spp.)	1	0	0	0
Cucurbita pepo	Yellow Squash	Bacterial soft rot (Unidentified Bacterium)	0	0	1	0
Cucurbita pepo	Yellow Squash	Cucurbit gummy stem blight (Stagonosporopsis curcubitacearum)	1	0	0	0
Cucurbita pepo	Yellow Squash	Fusarium fruit rot ( <i>Fusarium</i> sp./spp.)	1	0	0	0
Epimedium rubrum	Red Barrenwort	Anthracnose (Colletotrichum sp./spp.)	1	0	0	0
Epimedium rubrum	Red Barrenwort	Insect damage (Unidentified Insect)	1	0	0	0
Epimedium	Red Barrenwort	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0

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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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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	
Ilex verticillata	Winterberry	Additional sample requested (Identification Analysis)		1	0	0	0	
Ilex verticillata	Winterberry	No pathogen found (Identification Analysis)		1	0	0	0	
Ilex verticillata	Winterberry	Root damage (Abiotic disorder)		0	0	1	0	
Juglans nigra	Black Walnut	Black walnut petiole gall mite (Eriophyes caulis)		0	0	1	0	
Juglans nigra	Black Walnut	Walnut anthracnose (Gnomonia leptostyla)		1	0	0	0	
Ligustrum sp./spp.	Privet	Additional sample requested (Identification Analysis)		1	0	0	0	
Ligustrum sp./spp.	Privet	Armillaria root rot ( <i>Armillaria</i> sp./spp.)		1	0	0	0	
Ligustrum sp./spp.	Privet	Dieback; Canker; Twig blight ( <i>Botryosphaeria</i> sp./spp.)		1	0	0	0	
Ligustrum sp./spp.	Privet	Root damage (Abiotic disorder)		0	0	1	0	
Lycopersicon esculentum	Tomato	Fusarium wilt (Fusarium oxysporum)		1	0	0	0	
Morus alba	White Mulberry	Bacterial wetwood; Slime flux (Various Pathogens)		0	0	1	0	
Morus alba	White Mulberry	Mycosphaerella leaf spot ( <i>Phloeospora maculans</i> )		1	0	0	0	
Phaseolus vulgaris	Dry Bean	Bacterial blight (Xanthomonas sp./spp.)		2	0	0	0	
Phaseolus vulgaris	Dry Bean	Bacterial leaf blight ( <i>Pseudomonas</i> sp./spp.)		2	0	0	0	
Phaseolus vulgaris	Dry Bean	Potyvirus Group (Potyvirus Group)		1	0	0	0	

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Picea abies nidiformis	Bird's Nest spruce	Cytospora canker; Dieback (Cytospora sp./spp.)		0	0	1	0
Picea abies nidiformis	Bird's Nest spruce	Root damage (Abiotic disorder)		0	0	1	0
Picea abies nidiformis	Bird's Nest spruce	Wood boring insect damage (Unidentified Wood Boring Insect)		1	0	0	0
Picea pungens	Blue Spruce	Root damage (Abiotic disorder)		0	0	1	0
Picea pungens	Blue Spruce	Stigmina needle blight (Stigmina lautii)		1	0	0	0
Picea pungens	Blue Spruce	Unspecified pathology ( <i>Rhizosphaera</i> sp./spp.)		1	0	0	0
Prunus armeniaca	Apricot	Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)		1	0	0	0
Quercus rubra	Northern Red oak	Insect damage (Unidentified Insect)		1	0	0	0
Quercus rubra	Northern Red oak	Leaf spot (Marssonina sp./spp.)		0	0	1	0
Rhododendron catawbiense	Native Rhododendron	Crown and root rot ( <i>Phytophthora</i> sp./spp.)		1	0	0	0
Rhododendron catawbiense	Native Rhododendron	High soil moisture (Abiotic disorder)		0	0	1	0

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Rhododendron viscosum	Swamp Azalea	Leaf and flower gall ( <i>Exobasidium</i> sp./spp.)		0	0	0
Syringa vulgaris	Common Lilac	Blight (Ascochyta syringae)		0	0	0
Syringa vulgaris	Common Lilac	Septoria leaf spot ( <i>Septoria</i> sp./spp.)	1	0	0	0

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