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

**Diagnostic Review Report** 

	Connen	Oniversity i lant Disease Diagnostic Chine	Diagnostic Neview Neport				
Host		Diagnosis			9		
Scientific Name	Common Name	nence this section does not represent the total number of samples		Confirmed	Not Detected	Suspected	Inconclusive
Time Period Report for October 21 <sup>st</sup> through November 3 <sup>rd</sup> 2014							

Time Period Report for October 21 <sup>st</sup> through November 3 <sup>rd</sup> ,2014						
Acer palmatum	Japanese Maple Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0
Acer palmatum	Japanese Maple	Root Damage (Abiotic disorder)		0	1	0
Acer rubrum	Red Maple	Insufficient Sample (Identification Analysis)	1	0	0	0
Allium sativum	Garlic	Stem and Bulb Nematode ( <i>Ditylenchus dipsaci</i> )	0	5	0	0
Buxus sp./spp.	Boxwood	Boxwood Mite (Eurytetranychus buxi)	0	0	1	0
Buxus sp./spp.	Boxwood	Crown Rot; Root Rot; Stem Rot ( <i>Phytophthora</i> sp./spp.)	0	1	0	0
Buxus sp./spp.	Boxwood	Moisture Stress (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Root Damage (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Volutella Leaf Blight; Dieback (Volutella sp./spp.)	2	0	0	0
Buxus sp./spp.	Boxwood	Boxwood Blight; Leaf and Stem Blight (Calonectria (ana. Cylindrocladium) pseudonaviculata (pseudonaviculatum))	0	3	0	0
Buxus sp./spp.	Boxwood	Oedema; Edema Abiotic disorder	0	0	1	0
Hamamelis sp./spp.	Witch Hazel	Gracillariid Leafminer ( <i>Camerari</i> a sp./spp.)	0	0	1	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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**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	
Kalmia latifolia	Mountain laurel	Moisture Stress (Abiotic disorder)		0	0	1	0	
Lactuca sativa	Lettuce	Downy Mildew (Lettuce) ( <i>Bremia lactucae</i> )		1	0	0	0	
Picea sp./spp.	Spruce	Root Damage (Abiotic disorder)		0	0	1	0	
Picea sp./spp.	Spruce	Spider Mite Injury (Unidentified Spider Mite)		0	0	1	0	
Quercus rubra	Northern Red oak	Bacterial Wetwood; Slime Flux (Various Pathogens)		0	0	2	0	
Quercus rubra	Northern Red oak	Beech Sooty Mold (Scorias spongiosa)		0	0	1	0	
Rhododendron sp./spp.	Rhododendron	Nutrient Imbalance (Abiotic disorder)		0	0	1	0	
Rhododendron sp./spp.	Rhododendron	Phyllosticta Leaf Spot ( <i>Phyllosticta</i> sp./spp.)		1	0	0	0	
Syringa sp./spp.	Lilac	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Syringa sp./spp.	Lilac	Root Damage (Abiotic disorder)		0	0	1	0	
Thuja sp./spp.	Arborvitae	Fall Needle Drop (Abiotic disorder)		0	0	2	0	
Thuja sp./spp.	Arborvitae	High Soil Moisture (Abiotic disorder)		0	0	2	0	

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<i>Thuja</i> sp./spp.	Arborvitae	Needle Dieback ( <i>Phyllosticta</i> sp./spp.)		1	0	0	0
Thuja sp./spp.	Arborvitae	Pestalotiopsis Needle Blight; Tip Blight ( <i>Pestalotiopsis</i> sp./spp.)		1	0	0	0
Turfgrass mixed species	Turfgrass	Annual Ryegrass; Italian Ryegrass (Lolium perenne multiflorum)		1	0	0	0

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