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

#### **Diagnostic Review Report**

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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	
		Time Period Report for July 31st through August 6th 2018					
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	1	0	0	0	
Cucumis sativa	Cucumber	Cucurbit downy mildew (Pseudoperonospora cubensis)	1	0	0	0	
Glycine max	Soybean	Fusarium wilt (Fusarium oxysporum)	1	0	1	0	
Glycine max	Soybean	Soybean stem canker ( <i>Diaporthe phaseolorum</i> )	1	0	0	0	
Malus sp./spp.	Crabapple	Fire blight ( <i>Erwinia amylovora</i> )	0	1	0	0	
Malus sp./spp.	Crabapple	Planting too deep (Abiotic disorder)	0	0	1	0	
Malus sp./spp.	Crabapple	Wood rot; White rot (Irpex lacteus)	0	0	1	0	
Ocimum basilicum	Sweet Basil	Downy mildew (Peronospora belbahrii)	1	0	0	0	
Picea sp./spp.	Spruce	Mechanical damage (Abiotic disorder)	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.

Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)

Curvularia blight; Leaf spot (*Curvularia* sp./spp.)

Heat and water stress (Abiotic disorder)

Picea sp./spp.

Poa; Agrostis

annua sp./spp.

Poa; Agrostis

annua sp./spp.

Spruce

Mix Annual

bluegrass; bentgrass

Mix Annual

bluegrass; bentgrass

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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Poa ; Agrostis annua sp./spp.	Mix Annual Leptosphaerulina leaf blight ( <i>Leptosphaerulina australis</i> ) bluegrass; bentgrass		1	0	0	0	
Poa ; Agrostis annua sp./spp.	Mix Annual bluegrass; bentgrass	Stunt nematodes ( <i>Tylenchorhynchus</i> sp./spp.)		1	0	0	0
Syringa sp./spp.	Lilac	Alternaria leaf spot ( <i>Alternaria</i> sp./spp.)		1	0	0	0
Syringa sp./spp.	Lilac	Nutrient imbalance (Abiotic disorder)		0	0	1	0
Syringa sp./spp.	Lilac	Powdery mildew ( <i>Oidium</i> sp./spp.)		1	0	0	0
Taxus sp./spp.	Yew	Crown rot; Root rot; Stem rot ( <i>Phytophthora</i> sp./spp.)		0	1	0	0
Taxus sp./spp.	Yew	High soil moisture (Abiotic disorder)		0	0	1	0
Taxus sp./spp.	Yew	Scale insects (Order Homoptera)		0	0	1	0
Taxus sp./spp.	Yew	Sooty mold (Unidentified Fungus)		1	0	0	0
Turfgrass mixed species	Turfgrass	Curvularia blight; Leaf spot ( <i>Curvularia</i> sp./spp.)		1	0	0	0
Turfgrass mixed species	Turfgrass	Dense thatch layer (Abiotic disorder)		1	0	0	0
Turfgrass mixed species	Turfgrass	Drainage problem (Abiotic disorder)		0	0	1	0

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Turfgrass mixed species	Turfgrass	High soil moisture (Abiotic disorder)	0	0	1	0		
Ulmus sp./spp.	Elm	Dutch elm disease ( <i>Ophiostoma</i> sp./spp.)	0	1	0	0		

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