## Cornell University Plant Disease Diagnostic Clinic

**Diagnostic Review Report** 

Host		Diagnosis		Confidence (to genus)			
Scientific Name	Common Name	This section reports samples from all statuses. Each sample may have hence this section does not represent the total number of samples	e one or more diagnosis or identification;	Confirmed	Not Detected	Suspected	Inconclusive

	Time Period Report for June 2 <sup>nd</sup> through June 8 <sup>th</sup> , 2015							
Abies sp./spp.	Fir	Additional Sample Requested (Identification Analysis)	1	0	0			
Abies sp./spp.	Fir	Balsam Twig Aphid ( <i>Mindarus pinicola (abietinus</i> ))	1	0	0	(		
Abies sp./spp.	Fir	No Pathogen Found (Identification Analysis)	1	0	0	(		
Brassica oleracea var. capitata	Cabbage	Cabbage Maggot ( <i>Delia radicum</i> )	0	0	2	(		
Cedrus deodara	Deodar Cedar	Natural Senescence (Abiotic disorder)	0	0	1	(		
Cedrus deodara	Deodar Cedar	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	(		
Lactuca sativa	Lettuce	Cucumber Mosaic (Cucumber Mosaic Virus (CMV))	0	1	0	(		
Lactuca sativa	Lettuce	Leaf Blight; Leaf Spot ( <i>Botrytis</i> sp./spp.)	0	1	0	(		
Lactuca sativa	Lettuce	Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	(		
Malus domestica	Domestic Apple	Crown Rot; Root Rot; Stem Rot ( <i>Phytophthora</i> sp./spp.)	1	0	0	(		
Ocimum americanum	Lemon Basil	Downy Mildew (Peronospora belbahrii)	1	0	0	C		

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.

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.

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.

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

**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	
Ocimum  Lemon Basil  Leaf /Stem/Twig Blight; Rot; Gray Mold (Botrytis cinerea)    americanum					0	0	0	
Ocimum basilicum	Sweet Basil	Downy Mildew (Peronospora belbahrii)		2	1	0	0	
Ocimum basilicum	Sweet Basil	Leaf /Stem/Twig Blight; Rot; Gray Mold (Botrytis cinerea)		2	0	0	0	
Oryza sativa	Rice	Rice Panicle Mite (Steneotarsonemus spinki)		0	0	1	0	
Picea abies	Norway Spruce	Eastern Spruce Gall Adelgid (Adelges abietis)		1	0	0	0	
Picea abies	Norway Spruce	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Picea abies	Norway Spruce	Spruce Bud Scale ( <i>Physokermes</i> sp./spp.)		1	0	0	0	
Picea abies	Norway Spruce	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0	
Picea sp./spp.	Spruce	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Picea sp./spp.	Spruce	Root Damage (Abiotic disorder)		0	0	1	0	
Picea sp./spp.	Spruce	Spruce Bud Scale ( <i>Physokermes</i> sp./spp.)		1	0	0	0	
Pinus strobus	Eastern White pine	Brown Spot ; Needle Blight ( <i>Mycosphaerella dearnessii</i> )		1	0	0	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.

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

**Diagnostic Review Report** 

Host		Diagnosis	Diagnostic Neview Report	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
Prunus laurocerasus	Cherry-laurel Additional Sample Requested (Identification Analysis)			1	0	0	0
Quercus alba	White Oak	Additional Sample Requested (Identification Analysis)		1	0	0	0
Quercus alba	White Oak	High Soil Moisture (Abiotic disorder)		0	0	1	0
Quercus alba	White Oak	Wood Decay Fungus (Unidentified Fungus)		1	0	0	0
Schizophragma hydrangeoides	Japanese Hydrangea vine	Freeze; Frost; Cold Damage (Abiotic disorder)		0	0	1	0
Schizophragma hydrangeoides	Japanese Hydrangea vine	Root Damage (Abiotic disorder)		0	0	1	0
Spinacia oleracea	Spinach	Spinach Leaf Spot (Davidiella (Cladosporium) variabile)		1	0	0	0
Woody ornamentals mixed species	Woody Ornamentals	Additional Sample Requested (Identification Analysis)		1	0	0	0
Woody ornamentals mixed species	Woody Ornamentals	Lichens (Lichenes)		1	0	0	0
Ulmus americana	American Elm	Dutch Elm Disease (Ophiostoma sp./spp.)		3	0	0	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.

- 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.

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.