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

Unspecified pathology (Rhizoctonia sp./spp.)

Adelgids (Family Adelgidae)

Ocimum basilicum

Pinus sp./spp.

Sweet Basil

Pine

**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		Not Detected	Suspected	Inconclusive	
		Time Period Report for December 17 <sup>th</sup> through December 23 <sup>rd</sup> 2019					
Agrostis sp./spp.	Bentgrass	Insufficient sample (Identification Analysis)	1	0	0	0	
Crassula ovata	Jade Plant	Powdery mildew ( <i>Oidium</i> sp./spp.)	1	0	0	0	
Crassula ovata	Jade Plant	Unidentified virus (Unidentified Virus)	0	0	1	0	
Crassula ovata	Jade Plant	Unspecified pathology (Alternaria sp./spp.)		0	0	0	
Fagus grandifolia	American Beech	Leaf gall nematode ( <i>Litylenchus crenatae</i> )		0	0	0	
Fagus sp./spp.	Beech	Leaf gall nematode ( <i>Litylenchus crenatae</i> )		2	0	0	
Hydrangea macrophylla	Bigleaf Hydrangea	Cucumber mosaic (CMV) (Cucumovirus Cucumber Mosaic Virus)		1	0	0	
Hydrangea macrophylla	Bigleaf Hydrangea	Impatiens necrotic spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)		1	0	0	
Hydrangea macrophylla	Bigleaf Hydrangea	Nutritional deficiency (Abiotic disorder)		0	1	0	
Hydrangea macrophylla	Bigleaf Hydrangea	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	0	1	0	0	
Ocimum basilicum	Sweet Basil	Nutrient imbalance (Abiotic disorder)		0	2	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.

## Cornell University Plant Disease Diagnostic Clinic

**Diagnostic Review Report** 

ost	Diagnosis  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		Confidence (to genus)			
Common Name			Confirmed	Not Detected	Suspected	Inconclusive
Pine Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Pine	Root damage (Abiotic disorder)		0	0	1	0
Tomato	Unspecified pathology ( <i>Botrytis</i> sp./spp.)		1	0	0	0
Tomato	White mold (Stem rot) (Sclerotinia sclerotiorum)		1	0	0	0
Potato	Potato powdery scab (Spongospora subterranea)		0	0	1	0
Potato	Silver scurf (Helminthosporium solani)		0	0	1	0
Elm	Oyster mushroom ( <i>Pleurotus ostreatus</i> )		1	0	0	0
Highbush Blueberry	Insufficient sample (Identification Analysis)		1	0	0	0
	Common Name  Pine Pine Tomato  Tomato  Potato  Potato  Elm  Highbush	Common Name  This section reports samples from all statuses. Each sample may have hence this section does not represent the total number of samples  Pine  Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspect Pine  Root damage (Abiotic disorder)  Tomato  Unspecified pathology (Botrytis sp./spp.)  Tomato  White mold (Stem rot) (Sclerotinia sclerotiorum)  Potato  Potato Potato powdery scab (Spongospora subterranea)  Potato  Silver scurf (Helminthosporium solani)  Elm  Oyster mushroom (Pleurotus ostreatus)  Highbush  Insufficient sample (Identification Analysis)	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  Pine Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)  Pine Root damage (Abiotic disorder)  Tomato Unspecified pathology (Botrytis sp./spp.)  Tomato White mold (Stem rot) (Sclerotinia sclerotiorum)  Potato Potato powdery scab (Spongospora subterranea)  Potato Silver scurf (Helminthosporium solani)  Elm Oyster mushroom (Pleurotus ostreatus)  Highbush Insufficient sample (Identification Analysis)	Diagnosis 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  Pine Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)  Pine Root damage (Abiotic disorder)  Tomato Unspecified pathology (Botrytis sp./spp.)  Tomato White mold (Stem rot) (Sclerotinia sclerotiorum)  Potato Potato powdery scab (Spongospora subterranea)  Potato Silver scurf (Helminthosporium solani)  Elm Oyster mushroom (Pleurotus ostreatus)  Highbush Insufficient sample (Identification Analysis)	Diagnosis 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  Pine Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)  Pine Root damage (Abiotic disorder)  Tomato Unspecified pathology (Botrytis sp./spp.)  Tomato White mold (Stem rot) (Sclerotinia sclerotiorum)  Potato Potato Potato powdery scab (Spongospora subterranea)  Potato Silver scurf (Helminthosporium solani)  Highbush Insufficient sample (Identification Analysis)	Diagnosis 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  Pine Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)  Pine Root damage (Abiotic disorder)  Tomato Unspecified pathology (Botrytis sp./spp.)  Tomato White mold (Stem rot) (Sclerotinia sclerotiorum)  Potato Potato Potato powdery scab (Spongospora subterranea)  O 0 1  Elm Oyster mushroom (Pleurotus ostreatus)  Highbush Insufficient sample (Identification Analysis)

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