

Host		Diagnosis	Confidence (to genus)			
Scientific Name	Common Name		Confirmed	Not Detected	Suspected	Inconclusive
		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				

Time Period Report for September 19th through October 2nd, 2017

Scientific Name	Common Name	Diagnosis	Confirmed	Not Detected	Suspected	Inconclusive
<i>Acer saccharum</i>	Sugar Maple	Bacterial wetwood; Slime flux (Various Pathogens)	0	0	1	0
<i>Acer saccharum</i>	Sugar Maple	Phytophthora canker (<i>Phytophthora</i> sp./spp.)	0	1	0	0
<i>Acer</i> sp./spp.	Maple	Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	0	1	0	0
<i>Acer</i> sp./spp.	Maple	Leaf scorch (Abiotic disorder)	0	0	1	0
<i>Allium sativum</i>	Garlic	Insect damage (Unidentified Insect)	1	0	0	0
<i>Allium sativum</i>	Garlic	Eriophyid mites (Family Eriophyidae)	2	0	0	0
<i>Allium sativum</i>	Garlic	Physiological responses (Abiotic disorder)	0	0	1	0
<i>Allium sativum</i>	Garlic	Bulb mite (<i>Rhizoglyphus</i> sp./spp.)	2	0	0	0
<i>Allium sativum</i>	Garlic	Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)	0	14	0	0
<i>Allium sativum</i>	Garlic	Skin blotch (<i>Alternaria embellisia</i>)	1	0	0	0
<i>Allium sativum</i>	Garlic	Fusarium dry rot; Bulb rot (<i>Fusarium</i> sp./spp.)	1	0	1	0
<i>Allium sativum</i>	Garlic	Garlic Botrytis rot (<i>Botrytis porri</i>)	2	0	0	0
<i>Amelanchier</i> sp./spp.	Serviceberry	Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	0	1	0	0
<i>Amelanchier</i> sp./spp.	Serviceberry	Leaf scorch (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.

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	Confidence (to genus)			
Scientific Name	Common Name		Confirmed	Not Detected	Suspected	Inconclusive
<i>Brassica oleracea acephala</i>	Kale	Pythium root rot (<i>Pythium aphanidermatum</i>)	2	0	0	0
<i>Brassica oleracea acephala</i>	Kale	White mold (<i>Sclerotinia</i> sp./spp.)	1	0	0	0
<i>Buxus</i> sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (<i>Calonectria pseudonaviculata</i>)	3	0	0	0
<i>Fragaria x ananassa</i>	Commercial Strawberry; garden strawberry	Strawberry black root rot complex (Various Fungi)	0	0	1	0
<i>Fragaria x ananassa</i>	Commercial Strawberry; garden strawberry	Verticillium wilt (<i>Verticillium</i> sp./spp.)	0	1	0	0
<i>Glycine max</i>	Soybean	Nutrient imbalance (Abiotic disorder)	0	0	1	0
<i>Glycine max</i>	Soybean	Soybean stem canker (<i>Diaporthe phaseolorum</i>)	0	0	1	0
<i>Glycine max</i>	Soybean	Soybean sudden death syndrome (<i>Fusarium virguliforme</i>)	0	1	0	0
<i>Hemerocallis</i> sp./spp. hybrids	Daylily	Daylily rust (<i>Puccinia hemerocallidis</i>)	3	0	0	0
<i>Kalmia latifolia</i>	Mountain Laurel	Armillaria root rot; Butt rot (<i>Armillaria</i> sp./spp.)	0	1	0	0
<i>Kalmia latifolia</i>	Mountain Laurel	Crown and root rot (<i>Phytophthora</i> sp./spp.)	0	1	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	Confidence (to genus)			
Scientific Name	Common Name		Confirmed	Not Detected	Suspected	Inconclusive
		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				
<i>Kalmia latifolia</i>	Mountain Laurel	Planting too deep (Abiotic disorder)	0	0	1	0
<i>Ligustrum ovalifolium</i>	California Privet	Root damage (Abiotic disorder)	0	0	1	0
<i>Lycopersicon esculentum</i>	Tomato	Late blight (<i>Phytophthora infestans</i>)	1	0	0	0
<i>Malus domestica</i>	Domestic Apple	Leaf spot (<i>Marssonina</i> sp./spp.)	1	0	0	0
Mustards (Family brassicaceae)	Mustards	Pythium damping off (<i>Pythium</i> sp./spp.)	1	0	0	0
<i>Narcissus</i> sp./spp.	Narcissus	Black mold (<i>Aspergillus niger</i>)	1	0	0	0
<i>Narcissus</i> sp./spp.	Narcissus	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
<i>Pieris japonica</i>	Japanese Andromeda	Armillaria root rot; Butt rot (<i>Armillaria</i> sp./spp.)	0	1	0	0
<i>Pieris japonica</i>	Japanese Andromeda	Crown and root rot (<i>Phytophthora</i> sp./spp.)	0	1	0	0
<i>Pieris japonica</i>	Japanese Andromeda	Planting too deep (Abiotic disorder)	0	0	1	0
<i>Prunus</i> sp./spp.	Cherry	Leaf blight and spot; Shothole (<i>Blumeriella jaapii</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.

Host		Diagnosis	Confidence (to genus)			
Scientific Name	Common Name		Confirmed	Not Detected	Suspected	Inconclusive
		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				
<i>Pyrus communis</i>	Pear	Entomosporium leaf spot; Fruit spot (<i>Diplocarpon</i> sp./spp.)	2	0	0	0
<i>Pyrus communis</i>	Pear	Rust (<i>Gymnosporangium</i> sp./spp.)	1	0	0	0
<i>Quercus coccinea</i>	Scarlet Oak	Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	0	2	0	0
<i>Quercus coccinea</i>	Scarlet Oak	Moisture stress (Abiotic disorder)	0	0	2	0
<i>Quercus coccinea</i>	Scarlet Oak	Transplant shock; Stress (Abiotic disorder)	0	0	2	0
<i>Quercus rubra</i>	Northern Red oak	Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	0	2	0	0
<i>Quercus rubra</i>	Northern Red oak	Moisture stress (Abiotic disorder)	0	0	1	0
<i>Quercus rubra</i>	Northern Red oak	Transplant shock; Stress (Abiotic disorder)	0	0	1	0
<i>Quercus rubra</i>	Northern Red oak	Undetermined injury (Identification Analysis)	0	0	1	0
<i>Ribes nigrodivaricatum</i>	Jostaberry	White pine blister rust (<i>Cronartium ribicola</i>)	1	0	0	0
<i>Ribes</i> sp./spp.	Currant; Gooseberry	White pine blister rust (<i>Cronartium ribicola</i>)	1	0	0	0
<i>Ribes uva-crispa</i>	European Gooseberry	White pine blister rust (<i>Cronartium ribicola</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.

Host		Diagnosis	Confidence (to genus)			
Scientific Name	Common Name		Confirmed	Not Detected	Suspected	Inconclusive
		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				
<i>Ulmus sp./spp.</i>	Elm	Additional sample requested (Identification Analysis)	1	0	0	0
<i>Ulmus sp./spp.</i>	Elm	Dutch elm disease (<i>Ophiostoma sp./spp.</i>)	0	1	0	0
<i>Vaccinium sp./spp.</i>	Blueberry	Leaf rust (<i>Naohidemyces vaccinii</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.