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
Time Period Report for June 26th through July 2nd 2018						
Acer platanoides	Norway Maple	Verticillium wilt (*Verticillium* sp./spp.)	0	1	0	0
Beta vulgaris	Garden Beet	Bacterial vascular necrosis; stem rot (*Pectobacterium betavasculorum*)	0	0	1	0
Beta vulgaris	Garden Beet	Fusarium wilt (*Fusarium oxysporum*)	1	0	0	0
Buxus sp./spp.	Boxwood	Root damage (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (*Volutella* sp./spp.)	1	0	0	0
Cercidiphylum japonicum	Katsura Tree	Additional sample requested (Identification Analysis)	1	0	0	0
Cercidiphylum japonicum	Katsura Tree	Verticillium wilt (*Verticillium* sp./spp.)	0	1	0	0
Iris sp./spp.	Iris	Potyvirus Group (*Potyvirus* sp./spp.)	1	0	0	0
Ligustrum ovalifolium	California Privet	Dieback; Canker; Twig blight (*Botryosphaeria* sp./spp.)	1	0	0	0
Ligustrum ovalifolium	California Privet	Wound canker (Abiotic disorder)	0	0	1	0
Lycopersicon esculentum	Tomato	Blossom end rot (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	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
Lycopersicon esculentum	Tomato	Late blight (*Phytophthora infestans*)	0	9	0	0
Malus domestica	Domestic Apple	Necrotic leaf blotch (Abiotic disorder)	0	0	2	0
Picea abies	Norway Spruce	Stigmina needle blight (*Stigmina lautii*)	1	0	0	0
Picea abies	Norway Spruce	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Picea abies	Norway Spruce	Unspecified pathology (*Camarosporium* sp./spp.)	1	0	0	0
Pinus strobus	Eastern White pine	Brown spot; Needle blight (*Mycosphaerella dearnessii*)	7	0	0	0
Pinus strobus	Eastern White pine	Canavirgella needle cast (*Lophophacidium dooksii*)	1	0	0	0
Pinus strobus	Eastern White pine	Lophodermium leaf spot; Needle cast (*Lophodermium* sp./spp.)	4	0	0	0
Pinus strobus	Eastern White pine	Needle blight; Cast (*Bifusella linearis*)	3	0	0	0
Pinus strobus	Eastern White pine	Unspecified pathology (*Lophodermella* sp./spp.)	3	0	0	0
Pinus strobus	Eastern White pine	Unspecified pathology (*Septorioides strobii*)	8	0	0	0
Pyrus calleryana	Callery Pear	Additional sample requested (Identification Analysis)	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	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
Pyrus calleryana	Callery Pear	Fire blight (*Erwinia amylovora*)	0	1	0	0
Sorghum x *drummondii*	Sudangrass	Pythium root dysfunction (*Pythium* sp./spp.)	1	0	0	0
Sorghum x *drummondii*	Sudangrass	Rhizoctonia stem and root rot (*Rhizoctonia* sp./spp.)	1	0	0	0
Tsuga canadensis	Eastern Hemlock	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Tsuga canadensis	Eastern Hemlock	Root 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.

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.