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 August 28th through September 10th 2018						
Allium sativum	Garlic	Eriophyid mites (Family Eriophyidae)	1	0	0	0
Allium sativum	Garlic	Stem and bulb nematode (*Ditylenchus dipsaci*)	1	2	0	0
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (*Calonectria pseudonaviculata*)	7	1	0	0
Buxus sp./spp.	Boxwood	Boxwood Volutella blight; Canker (*Volutella buxi*)	1	0	0	0
Buxus sp./spp.	Boxwood	Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Unspecified pathology (*Colletotrichum* sp./spp.)	1	0	0	0
Cotinus sp./spp.	Smoke Tree	Verticillium wilt (*Verticillium* sp./spp.)	1	0	0	0
Cupressus × *leylandii*	Leyland Cypress	Dieback; Canker (*Seiridium* sp./spp.)	1	0	0	0
Cupressus × *leylandii*	Leyland Cypress	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Dahlia sp./spp.	Dahlia	Bacterial rot; Bacterial blight (*Dickeya* sp./spp.)	1	0	0	0
Dahlia sp./spp.	Dahlia	Bacterial wilt (*Ralstonia solanacearum*)	0	1	0	0
Fragaria x *ananassa*	Commercial Strawberry; garden strawberry	Crown and root rot (*Phytophthora* 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	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
Fragaria x *ananassa*	Commercial Strawberry; garden strawberry	Strawberry black root rot complex (Various Fungi)	0	0	1	0
Fragaria x *ananassa*	Commercial Strawberry; garden strawberry	Verticillium wilt (*Verticillium* sp./spp.)	0	1	0	0
Glycine max	Soybean	Anthracnose (*Colletotrichum* sp./spp.)	1	0	0	0
Glycine max	Soybean	Fusarium wilt (*Fusarium oxysporum*)	1	0	0	0
Glycine max	Soybean	Soybean pod and stem blight (*Diaporthe phaseolorum* var. *sojae*)	1	0	0	0
Humulus lupulus	Hops	Additional sample requested (Identification Analysis)	1	0	0	0
Humulus lupulus	Hops	Moisture stress (Abiotic disorder)	0	0	1	0
Humulus lupulus	Hops	Nutrient imbalance (Abiotic disorder)	0	0	1	0
Ilex opaca	American Holly	Additional sample requested (Identification Analysis)	1	0	0	0
Ilex opaca	American Holly	High soil moisture (Abiotic disorder)	0	0	1	0
Ilex opaca	American Holly	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Rhododendron sp./spp.	Rhododendron	Crown rot; Root rot; Stem rot (*Phytophthora* sp./spp.)	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
Rhododendron sp./spp.	Rhododendron	High soil moisture (Abiotic disorder)	0	0	1	0
Syringa reticulata	Japanese Tree lilac	Crown rot; Root rot; Stem rot (*Phytophthora* sp./spp.)	0	1	0	0
Syringa reticulata	Japanese Tree lilac	No pathogen found (Identification Analysis)	1	0	0	0
Syringa reticulata	Japanese Tree lilac	Nutritional deficiency (Abiotic disorder)	0	0	1	0
Syringa reticulata	Japanese Tree lilac	Root damage (Abiotic disorder)	0	0	1	0
Thlaspi arvense	Field Pennycress	Bacterial blight (Unidentified Bacteria)	0	0	1	0
Thuja sp./spp.	Arborvitae	Dieback; Canker (*Seiridium* sp./spp.)	1	0	0	0
Thuja sp./spp.	Arborvitae	High soil moisture (Abiotic disorder)	0	0	1	0
Thuja sp./spp.	Arborvitae	Needle blight (*Phyllosticta* sp./spp.)	1	0	0	0
Thuja sp./spp.	Arborvitae	Unspecified pathology (*Pestalotiopsis* sp./spp.)	1	0	0	0
Triticum aestivum	Winter Wheat	Flag smut of grasses (*Urocystis agropyri)*	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.