Cornell University Plant Disease Diagnostic Clinic Diagnostic Review Report

Hos	t	Diagnosis			dence enus)	!
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 September 17 th through September 30 th 2019				
Acer sp./spp.	Maple	High soil moisture (Abiotic disorder)	0	0	1	0
Acer sp./spp.	Maple	Leaf scorch (Abiotic disorder)	0	0	1	0
Allium sativum	Garlic	Blue mold rot (<i>Penicillium</i> sp./spp.)	1	0	0	0
Allium sativum	Garlic	Garlic Botrytis rot (<i>Botrytis porri</i>)	2	0	0	0
Allium sativum	Garlic	Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)	1	10	0	0
Amaranthus tricolor	Joseph's Coat amaranthus	Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Buxus sp./spp.	Boxwood	Crown rot (Unidentified Fungus)	0	0	1	0
Buxus sp./spp.	Boxwood	Excessive mulch (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	0	1	0	0
Buxus sp./spp.	Boxwood	Boxwood leafminer (Monarthropalpus flavus (buxi))	0	0	1	0
Buxus sp./spp.	Boxwood	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Camellia japonica	Common Camellia	Additional sample requested (Identification Analysis)	1	0	0	0
Camellia japonica	Common Camellia	Oedema; Edema (Abiotic disorder)	1	0	0	0

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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.

Cornell University Plant Disease Diagnostic Clinic

Diagnostic Review Report

Hos	t	Diagnosis			dence enus)	2	
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Camellia japonica	Common Camellia	Root damage (Abiotic disorder)	0	0	1	0
Cannabis sativa	Hemp	White mold (Stem rot) (Sclerotinia sclerotiorum)	1	0	0	0
Carex lupulina	Hop Sedge	Root maggots; General (Family Anthomyiidae)	0	0	1	0
Carex lupulina	Hop Sedge	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Carex lupulina	Hop Sedge	Unspecified pathology (Gaeumannomyces sp./spp.)	1	0	0	0
Cladrastis lutea	American Yellowwood	Additional sample requested (Identification Analysis)	1	0	0	0
Cladrastis lutea	American Yellowwood	Verticillium wilt (<i>Verticillium</i> sp./spp.)	0	1	0	0
Cucurbita sp./spp.	Pumpkin	Phytophthora fruit rot (Phytophthora sp./spp.)	0	1	0	0
Cucurbita sp./spp.	Pumpkin	Rhizopus fruit rot (<i>Rhizopus</i> sp./spp.)	1	0	0	0
Dahlia sp./spp.	Dahlia	Broad mite (Polyphagotarsonemus latus)	2	0	0	0
Dahlia sp./spp.	Dahlia	Foliar nematodes (Aphelenchoides sp./spp.)	1	0	0	0
Dahlia sp./spp.	Dahlia	Unidentified bacteria (Unidentified Bacteria)	2	0	0	0
Fragaria x ananassa	Commercial Strawberry;	Fusarium crown rot (<i>Fusarium oxysporum</i>)	1	0	0	0

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Diagnostic Review Report

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	garden strawberry					
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Strawberry black root rot complex (Various Fungi)	1	0	0	0
Fungus Identification	Mulch	Wood rot; White rot (Irpex lacteus)	0	0	1	0
Glycine max	Soybean	Mineral; Elemental toxicity (Abiotic disorder)	0	0	1	0
Glycine max	Soybean	No pathogen found (Identification Analysis)	1	0	0	0
Glycine max	Soybean	Soybean brown stem rot (Cadophora gregata)	1	0	0	0
Humulus lupulus	Hops	Aphids; Plant lice (Family Aphididae)	1	0	0	0
Humulus lupulus	Hops	Root damage (Abiotic disorder)	0	0	1	0
Humulus lupulus	Hops	Spider mites (Family Tetranychidae)	1	0	0	0
Humulus lupulus	Hops	Thrips damage (Unidentified Thrips)	1	0	0	0
Humulus lupulus	Hops	Unidentified virus (Unidentified Virus)	0	0	1	0
Humulus lupulus	Hops	Unspecified pathology (Alternaria sp./spp.)	1	0	0	0

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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	Nutrient imbalance (Abiotic disorder)	0	0	1	0
Lycopersicon esculentum	Tomato	Unspecified pathology (<i>Alternaria</i> sp./spp.)	1	0	0	0
Lycopersicon esculentum	Tomato	Unspecified pathology (<i>Botrytis</i> sp./spp.)	1	0	0	0
Picea sp./spp.	Spruce	Cytospora canker; Dieback (Cytospora sp./spp.)	0	0	1	0
Picea sp./spp.	Spruce	Lightning damage (Abiotic disorder)	0	0	1	0
Picea sp./spp.	Spruce	Wood boring insect damage (Unidentified Wood Boring Insect)	0	0	1	0
Pinus sylvestris	Scots Pine	Diplodia tip blight; Canker (Sphaeropsis sapinea)	1	0	0	0
Pinus sylvestris	Scots Pine	Insect damage (Unidentified Insect)	0	0	1	0
Pinus sylvestris	Scots Pine	Root damage (Abiotic disorder)	0	0	1	0
Quercus macrocarpa	Bur Oak	Oak leaf spot/blight (<i>Tubakia macnabbii</i>)	1	0	0	0
Quercus rubra	Northern Red oak	Secondary fungus (Unidentified Fungus)	0	0	1	0
Quercus rubra	Northern Red oak	Wound canker (Abiotic disorder)	1	0	0	0

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- 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.

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Syringa microphylla	Little Leaf lilac	High soil moisture (Abiotic disorder)	0	0	1	0
Syringa microphylla	Little Leaf lilac	Root damage (Abiotic disorder)	0	0	1	0

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