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 November 12th through November 26th 2019						
Allium cepa	Onion	Stem and bulb nematode (*Ditylenchus dipsaci*)	0	1	0	0
Allium sativum	Garlic	Blue mold rot (*Penicillium* sp./spp.)	1	0	0	0
Allium sativum	Garlic	Bulb mite (*Rhizoglyphus* sp./spp.)	1	0	0	0
Allium sativum	Garlic	Canker (*Alternaria embellisia*)	1	0	0	0
Allium sativum	Garlic	Eriophyid mites (Family Eriophyidae)	1	0	0	0
Allium sativum	Garlic	Fusarium dry rot; Bulb rot (*Fusarium* sp./spp.)	1	0	0	0
Buxus sp./spp.	Boxwood	Moisture stress (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Root damage (Abiotic disorder)	1	0	1	0
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (*Volutella* sp./spp.)	2	0	0	0
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (*Calonectria pseudonaviculata*)	0	1	0	0
Lactuca sp./spp.	Lettuce	Mold; Mildew (*Penicillium* sp./spp.)	3	0	0	0
Lactuca sp./spp.	Lettuce	Mold; Mildew (*Trichoderma* sp./spp.)	2	0	0	0
Lactuca sp./spp.	Lettuce	Unspecified pathology (*Mucor* sp./spp.)	3	0	0	0
Malus sp./spp.	Crabapple	High soil moisture (Abiotic disorder)	0	0	1	0
Malus sp./spp.	Crabapple	Root damage (Abiotic disorder)	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.

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Mentha spicata	Spearmint	No pathogen found (Identification Analysis)	1	0	0	0
Mentha spicata	Spearmint	Nutrient imbalance (Abiotic disorder)	0	0	1	0
Ocimum basilicum	Sweet Basil	Nutritional deficiency (Abiotic disorder)	0	0	6	0
Ocimum basilicum	Sweet Basil	Rhizoctonia root rot (*Rhizoctonia* sp./spp.)	4	0	0	0
Ocimum basilicum	Sweet Basil	Mold; Mildew (*Trichoderma* sp./spp.)	1	0	0	0
Ocimum basilicum	Sweet Basil	Unspecified pathology (*Rhizoctonia* sp./spp.)	0	1	0	0
Ophiopogon japonicus	Mondograss; Dwarf lily turf	Root-knot nematodes (*Meloidogyne* sp./spp.)	1	0	0	0
Ophiopogon japonicus	Mondograss; Dwarf lily turf	Scale insects (Order Homoptera)	1	0	0	0
Ophiopogon japonicus	Mondograss; Dwarf lily turf	Unspecified pathology (*Colletotrichum* sp./spp.)	1	0	0	0
Ophiopogon japonicus	Mondograss; Dwarf lily turf	Unspecified pathology (*Rhizoctonia* sp./spp.)	1	0	0	0
Quercus palustris	Pin Oak	Bacterial leaf scorch (*Xylella fastidiosa*)	1	0	0	0
Quercus palustris	Pin Oak	Powdery mildew (*Oidium* sp./spp.)	1	0	0	0
Quercus palustris	Pin Oak	Spider mites (Family Tetranychidae)	1	0	0	0

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