Cornell University Plant Disease Diagnostic Clinic

Root Damage (Abiotic disorder)

Winter Injury (Abiotic disorder)

Nutrient Imbalance (Abiotic disorder)

Unspecified Pathology (Olpidium sp./spp.)

No Pathogen Found (Identification Analysis)

Crown Rot; Root Rot; Stem Rot (Phytophthora sp./spp.)

Buxus sp./spp.

Buxus sp./spp.

Capsicum annuum

Capsicum annuum

Glycine max

Glycine max

Boxwood

Boxwood

Jalapeno

Jalapeno

Pepper

Soybean

Soybean

Pepper

Diagnostic Review Report

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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 May 31 st through June 6 th , 2016						
Agastache sp./spp.	Giant Hyssop	Giant Hyssop Cucumber Mosaic (CMV) (Cucumovirus Cucumber Mosaic Virus)		1	0	0		
Agastache sp./spp.	Giant Hyssop	Impatiens Necrotic Spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)	0	1	0	0		
Agastache sp./spp.	Giant Hyssop	Nemesia Ring Necrosis Virus (NeRNV) (Tymovirus Nemesia Ring Necrosis Virus)	1	0	1	0		
Betula sp./spp.	Birch	Erineum Galls (Family Eriophyidae)	1	0	0	0		
Betula sp./spp.	Birch	No Pathogen Found (Identification Analysis)	1	0	0	0		
Buxus sp./spp.	Boxwood	Leaf Blight (Volutella buxi)	1	0	0	0		
Buxus sp./spp.	Boxwood	Boxwood Blight; Leaf and Stem Blight (Calonectria pseudonaviculata)	1	1	0	0		
Buxus sp./spp.	Boxwood	Macrophoma Leaf Spot (<i>Macrophoma</i> 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	Diagnostic Neview Neport	Confidence (to genus)			
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Glycine max	Soybean	Salt Damage (Abiotic disorder)		0	0	1	0
Malus sylvestris	Common Apple	Aphids (Plant Lice) (Family Aphididae)		1	0	0	0
Malus sylvestris	Common Apple	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	1	0
Malus sylvestris	Common Apple	Powdery Mildew (<i>Oidium</i> sp./spp.)		1	0	0	0
Malus sylvestris	Common Apple	Rosy Apple Aphid (<i>Dysaphis plantaginea</i>)		0	0	1	0
Malus sylvestris	Common Apple	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0
Mandevilla sp./spp.	Mandevilla	Additional Sample Requested (Identification Analysis)		1	0	0	0
Mandevilla sp./spp.	Mandevilla	Bacterial Wilt (Ralstonia solanacearum)		0	1	0	0
Mandevilla sp./spp.	Mandevilla	Nutritional Pathology (Abiotic disorder)		0	0	1	0
Mandevilla sp./spp.	Mandevilla	Root Rot (Unidentified Agent)		0	0	1	0
Prunus subhirtella	Higan Cherry	Herbicide Injury; Exposure (Abiotic disorder)		0	0	1	0
Solanum tuberosum	Potato	Chilling Injury (Abiotic disorder)		0	0	1	0

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Diagnostic Review Report

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Solanum tuberosum	Potato	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		2	0	0	0
Syringa vulgaris	Common Lilac	Bacterial Blight (<i>Pseudomonas syringae syringae</i>)		0	0	1	0
Taxus sp./spp.	Yew	Root Damage (Abiotic disorder)		0	0	1	0
Taxus sp./spp.	Yew	Unspecified Pathology (<i>Phomopsis</i> sp./spp.)		1	0	0	0
Taxus sp./spp.	Yew	Winter Injury (Abiotic disorder)		0	0	1	0
Turfgrass mixed species	Turfgrass	Anthracnose (Colletotrichum cereale)		1	0	0	0
Turfgrass mixed species	Turfgrass	Dollar Spot (Sclerotinia homeocarpa)		1	0	0	0

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