Cornell University Plant Disease Diagnostic Clinic

Unspecified pathology (*Phyllosticta* sp.)

Hedera helix

English Ivy

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 February 7 th through February 20 th 2017						
Brassica oleracea acephala	Kale	Low pH; Nutrient imbalance (Abiotic disorder)	0	0	1	0		
Brassica oleracea acephala	Kale	Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0		
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	0	1	0	0		
Buxus sp./spp.	Boxwood	Boxwood mite (Eurytetranychus buxi)	0	0	1	0		
Buxus sp./spp.	Boxwood	Boxwood psyllid (<i>Psylla buxi</i>)	0	0	1	0		
Buxus sp./spp.	Boxwood	Macrophoma leaf spot (Macrophoma sp./spp.)	1	0	0	0		
Buxus sp./spp.	Boxwood	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0		
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (Volutella sp./spp.)	1	0	0	0		
Hedera helix	English Ivy	Bacterial leaf spot (Xanthomonas campestris)	0	0	1	0		
Hedera helix	English Ivy	Oedema; Edema (Abiotic disorder)	1	0	0	0		
Hedera helix	English Ivy	Unspecified pathology (Alternaria sp./spp.)	1	0	0	0		
Hedera helix	English Ivy	Unspecified pathology (Colletotrichum 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.

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Humulus lupulus	Hops	Hop downy mildew (Pseudoperonospora humuli)		0	1	0	0	
Humulus lupulus	Hops	Insect damage (Unidentified Insect)		1	0	0	0	
Humulus lupulus	Hops	Spider mites (Family Tetranychidae)		1	0	0	0	
Humulus lupulus	Hops	Unknown abiotic disorder (Abiotic disorder)		0	0	1	0	
Hydrangea macrophylla	Bigleaf Hydrangea	Calcium deficiency (Abiotic disorder)		1	0	0	0	
Hydrangea macrophylla	Bigleaf Hydrangea	No pathogen found (Identification Analysis)		1	0	0	0	
Hydrangea macrophylla	Bigleaf Hydrangea	Oedema; Edema (Abiotic disorder)		1	0	0	0	
Hydrangea macrophylla	Bigleaf Hydrangea	Unknown abiotic disorder (Abiotic disorder)		0	0	1	0	
Picea sp./spp.	Spruce (ornamental)	Chemical; Environmental injury (Abiotic disorder)		0	0	1	0	
Picea sp./spp.	Spruce (ornamental)	Moisture stress (Abiotic disorder)		0	0	1	0	
Picea sp./spp.	Spruce (ornamental)	Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	

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Quercus phellos	Willow Oak	Wood rot fungus; Dryadeus root rot (Inonotus dryadeus)		1	0	0	0	
Solanum lycopersicum	Tomato	Tobacco mosaic (TMV) (Tobamovirus Tobacco Mosaic Virus)		0	1	0	0	
Solanum lycopersicum	Tomato	Chemical injury (Abiotic disorder)		0	0	1	0	
Solanum lycopersicum	Tomato	Powdery mildew (<i>Oidium</i> sp./spp.)		1	0	0	0	
Viburnum sp./spp.	Viburnum	No pathogen found (Identification Analysis)		0	0	0	0	
Viburnum sp./spp.	Viburnum	Unknown abiotic disorder (Abiotic disorder)		0	0	1	0	

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