Cornell University Plant Disease Diagnostic Clinic

Additional sample requested (Identification Analysis)

Root damage (Abiotic disorder)

Tsuga canadensis

Tsuga canadensis

Eastern

Eastern

Hemlock

Hemlock

Diagnostic Review Report

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	Corneii	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 February 27 th through Mar	ch 12 th 2018				
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)		1	0	0	0
Celosia sp./spp.	Cockscomb; Celosia	No pathogen found (Identification Analysis)		1	0	0	0
Celosia sp./spp.	Cockscomb; Celosia	Phytotoxicity (Abiotic disorder)		0	0	1	0
Clerodendrum thomsoniae	Bleeding Glory- Bower	Nutrient imbalance (Abiotic disorder)		0	0	1	0
Clerodendrum thomsoniae	Bleeding Glory- Bower	Oedema; Edema (Abiotic disorder)		1	0	0	0
Cornus florida	Flowering Dogwood	Additional sample requested (Identification Analysis)		1	0	0	0
Cornus florida	Flowering Dogwood	Dogwood anthracnose (Discula destructiva)		0	0	1	0
Malus sp./spp.	Crabapple	Additional sample requested (Identification Analysis)		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.