Cornell University Plant Disease Diagnostic Clinic

Arborvitae Leaf Blight (*Didymascella thujina*)

Thuja sp./spp

Arborvitae

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 July 18 th through July 25					
Allium sativum	Garlic	Stem and Bulb Nematode (<i>Ditylenchus dipsaci</i>)		1	3	0	0
Cedrus deodara	Deodar Cedar	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0
Cedrus deodara	Deodar Cedar	Root Damage (Abiotic disorder)		0	0	1	0
Chrysanthemum sp./spp. hybrids	Chrysanthemu m	Chrysanthemum White Rust (<i>Puccinia horiana</i>)		4	0	0	0
Cucurbita sp./spp.	Squash	Cucurbit Angular Leaf Spot (<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>)		0	0	1	0
Cucurbita sp./spp.	Squash	Unspecified Pathology (<i>Alternaria</i> sp./spp.)		1	0	0	0
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Root-knot Nematodes (<i>Meloidogyne</i> sp./spp.)		1	0	0	0
Lisianthus sp./spp.	Lisianthus	Fungus Gnats (Mycetophilidae fam.)		0	0	1	0
Lisianthus sp./spp.	Lisianthus	Fusarium Crown Rot (<i>Fusarium</i> sp./spp.)		1	0	0	0
Lycopersicon esculentum	Tomato	Septoria Leaf Spot (Septoria lycopersici)		1	0	0	0
Phlox stolonifera	Creeping Phlox	x Stem rot (<i>Pyrenochaeta</i> sp./spp.)		1	0	0	0
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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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<i>Thuja</i> sp./spp	Arborvitae	Arborvitae Leafminer (<i>Argyresthia thuiella</i>)		0	0	1	0
Thuja sp./spp	Arborvitae	Spider Mites (Family Tetranychidae)		1	0	0	0
Turfgrass mixed species	Turfgrass	Anthracnose (Colletotrichum cereale)		2	0	0	0
Turfgrass mixed species	Turfgrass	Curvularia Blight; Leaf Spot (<i>Curvularia</i> sp./spp.)		2	0	0	0
Ulmus americana	American Elm	Dutch Elm Disease (Ophiostoma sp./spp.)		1	0	0	0

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