Cornell University Plant Disease Diagnostic Clinic

Cladrastis

kentukea

Kentucky

Yellowwood

Root damage (Abiotic disorder)

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		Not Detected	Suspected	Inconclusive	
		Time Period Report for September 8 th through September 21 st 2020					
Abies balsamea	Balsam Fir	Environmental stress; Problem (Abiotic disorder)	0	0	1	0	
Abies balsamea	Balsam Fir	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0	
Abies balsamea	Balsam Fir	Spider mites (Family Tetranychidae)	0	0	1	0	
Allium sativum	Garlic	Canker (Alternaria embellisia)	1	0	0	0	
Allium sativum	Garlic	Fusarium root; Crown rot (<i>Fusarium</i> sp./spp.)	1	0	0	0	
Allium sativum	Garlic	Garlic Botrytis rot (<i>Botrytis porri</i>)	2	0	0	0	
Allium sativum	Garlic	Insect damage (Unidentified Insect)		0	0	0	
Allium sativum	Garlic	Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)	1	10	0	0	
Allium sativum	Garlic	Unspecified pathology (Alternaria embellisia)		0	0	0	
Cladrastis kentukea	Kentucky Yellowwood	Leaf scorch (Abiotic disorder)		0	3	0	
Cladrastis kentukea	Kentucky Yellowwood	Moisture stress (Abiotic disorder)	0	0	3	0	
Cladrastis kentukea	Kentucky Yellowwood	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	3	0	0	0	

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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.

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.

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Diagnostic Review Report

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Cupressus × leylandii	Leyland Cypress	High soil moisture (Abiotic disorder)		0	0	1	0	
Cupressus × leylandii	Leyland Cypress	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Family cruciferae	Crucifers	Algae (General)		1	0	0	0	
Family cruciferae	Crucifers	No pathogen found (Identification Analysis)		1	0	0	0	
Family cruciferae	Crucifers	Unspecified pathology (Pythium sp./spp.)		2	2	0	0	
Glycine max	Soybean	Charcoal rot (Macrophomina phaseolina)		1	0	0	0	
Glycine max	Soybean	Soybean sudden death syndrome (Fusarium virguliforme)		1	0	0	0	
Gymnocladus dioicus	Kentucky Coffee tree	Moisture stress (Abiotic disorder)		0	0	1	0	
Gymnocladus dioicus	Kentucky Coffee tree	Root damage (Abiotic disorder)		1	0	0	0	
Gymnocladus dioicus	Kentucky Coffee tree	Spider mites (Family Tetranychidae)		1	0	0	0	
Ilex crenata	Japanese Holly	Black root rot (Berkeleyomyces basicola)		1	0	0	0	
Lycopersicon esculentum	Tomato	Black mold; Mildew (Alternaria alternata)		1	0	0	0	

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Lycopersicon esculentum	Tomato	Insect damage (Unidentified Insect)		0	1	0	
Ocimum basilicum	Sweet Basil	No pathogen found (Identification Analysis)		0	0	0	
Ocimum basilicum	Sweet Basil	Unknown abiotic disorder (Abiotic disorder)		0	1	0	
Picea pungens	Blue Spruce	Cytospora canker; Dieback (Cytospora sp./spp.)		0	1	0	
Picea pungens	Blue Spruce	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	0	
Populus sp./spp. hybrids	Poplar (hybrids)	Septoria leaf spot (Septoria sp./spp.)		0	0	0	
Quercus palustris	Pin Oak	Bacterial leaf scorch (Xylella fastidiosa)		1	0	0	
Quercus rubra	Northern Red oak	Bacterial leaf scorch (Xylella fastidiosa)		2	0	0	
Syringa sp./spp.	Lilac	Leafblotch leafminers (Family Gracillariidae)		0	1	0	
Syringa sp./spp.	Lilac	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	0	
Taxodium sp./spp.	Baldcypress (ornamental)	Baldcypress rust mite (<i>Epitrimerus taxodii</i>)		0	1	0	
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Taxodium sp./spp.	Baldcypress (ornamental spp.)	Unspecified pathology (<i>Pestalotiopsis</i> sp./spp.)		0	0	0		
Tilia cordata	Small-leaved European linden	Bacterial leaf scorch (Xylella fastidiosa)		1	0	0		
Tilia cordata	Small-leaved European linden	Scorch (Abiotic disorder)		0	1	0		
Ulmus americana	American Elm	Lace bug (Corythucha sp./spp.)		0	1	0		
Ulmus americana	American Elm	Planting too deep (Abiotic disorder)		0	1	0		

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