Cornell University Plant Disease Diagnostic Clinic

Pepper

Cedar

Cedar

Cedar

Cedar

Capsicum annuum

Cedrus sp./spp.

Cedrus sp./spp.

Cedrus sp./spp.

Cedrus sp./spp.

Diagnostic Review Report

0 1

0 0

0 0

0

1

0

1

0

0

Host		Diagnosis			(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 28 th through June 3 rd 2019					
Bucida buceras	Black Olive	High soil moisture (Abiotic disorder)	0	0	1	0	
Bucida buceras	Black Olive	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0	
Bucida buceras	Black Olive	Root damage (Abiotic disorder)	1	0	0	0	
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	1	0	0	0	
Capsicum annuum	Pepper	Chimera (Abiotic disorder)	0	0	1	0	
Capsicum annuum	Pepper	Cucumber mosaic (CMV) (Cucumovirus Cucumber Mosaic Virus)	0	1	0	0	
Capsicum annuum	Pepper	Impatiens necrotic spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)	0	1	0	0	
Capsicum annuum	Pepper	Potyvirus Group (Potyvirus Group)	0	1	0	0	
Capsicum annuum	Pepper	Tobacco mosaic (TMV) (Tobamovirus Tobacco Mosaic Virus)	0	1	0	0	

Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)

Root damage (Abiotic disorder)

Scale insects (Order Homoptera)

Spider mites (Family Tetranychidae)

Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)

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		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		
Cedrus sp./spp.	Cedar	Winter injury (Abiotic disorder)	0	0	1	0		
Ficus binnendykii	Narrow Leaf fig	High soil moisture (Abiotic disorder)	0	0	1	0		
Ficus binnendykii	Narrow Leaf fig	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0		
Ficus binnendykii	Narrow Leaf fig	Root damage (Abiotic disorder)	1	0	0	0		
Humulus lupulus	Hops	Hop downy mildew (<i>Pseudoperonospora humuli</i>)	1	0	0	0		
Juniperus sp./spp.	Juniper	High soil moisture (Abiotic disorder)	0	0	1	0		
Juniperus sp./spp.	Juniper	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0		
Juniperus sp./spp.	Juniper	Root damage (Abiotic disorder)	0	0	1	0		
Lycopersicon esculentum	Tomato	Additional sample requested (Identification Analysis)	1	0	0	0		
Lycopersicon esculentum	Tomato	Nutritional deficiency (Abiotic disorder)	0	0	1	0		
Picea pungens glauca	Kosters Blue spruce	Cytospora canker; Dieback (<i>Cytospora</i> sp./spp.)	1	0	0	0		
Picea sp./spp.	Spruce	Nutritional deficiency (Abiotic disorder)	0	0	1	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		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		
Picea sp./spp.	Spruce	Root damage (Abiotic disorder)	0	0	1	0		
Picea sp./spp.	Spruce	Stigmina needle blight (<i>Stigmina lautii</i>)	1	0	0	0		
Picea sp./spp.	Spruce	Unspecified pathology (<i>Rhizosphaera</i> sp./spp.)	1	0	0	0		
Picea sp./spp.	Spruce	Weir's cushion rust (<i>Chrysomyxa weirii</i>)	1	0	0	0		
Turfgrass mixed species	Turfgrass	Anthracnose basal rot; Crown rot (Colletotrichum sp./spp.)	1	0	0	0		
Turfgrass mixed species	Turfgrass	Dense thatch layer (Abiotic disorder)	1	0	0	0		
Turfgrass mixed species	Turfgrass	High soil moisture (Abiotic disorder)	0	0	1	0		
Turfgrass mixed species	Turfgrass	Unspecified pathology (<i>Pythium</i> sp./spp.)	1	0	0	0		
Ulmus sp./spp.	Elm	Additional sample requested (Identification Analysis)	3	0	0	0		
Ulmus sp./spp.	Elm	Dutch elm disease (Ophiostoma sp./spp.)	1	3	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.