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		Not Detected	Suspected	Inconclusive		
		Time Period Report for May 11 th through May 24 th , 2021						
Abies grandis Grand Fir Nutritional deficiency (Abiotic disorder)		0	0	1	0			
Abies grandis	Grand Fir	Unspecified pathology (Rhizosphaera sp./spp.)	2	0	0	0		
Abies grandis	Grand Fir	Unspecified pathology (Sclerophoma sp./spp.)	1	0	0	0		
Abies grandis	Grand Fir	Winter injury (Abiotic disorder)	0	0	1	0		
Allium sp./spp.	Allium; Onions; leeks; garlic	Black mold; Mildew (<i>Alternaria alternata</i>)	1	0	0	0		
Allium sp./spp.	Allium; Onions; leeks; garlic	Leaf blotch; Leaf spot (<i>Cladosporium</i> sp./spp.)	1	0	0	0		
Allium sp./spp.	Allium; Onions; leeks; garlic	Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)	0	1	0	0		
Begonia sp./spp.	Begonia	Broad mite (Polyphagotarsonemus latus)	1	0	0	0		
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	0	1	0	0		
Buxus sp./spp.	Boxwood	Environmental stress; Problem (Abiotic disorder)	0	0	1	0		
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (<i>Volutella</i> sp./spp.)	1	0	0	0		
Capsicum sp./spp.	Pepper	Aphis aphids (<i>Aphis</i> sp./spp.)	0	0	1	0		
Capsicum sp./spp.	Pepper	Broad mite (Polyphagotarsonemus latus)	0	1	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.

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		Not Detected	Suspected	Inconclusive		
Capsicum sp./spp.	Pepper	Cucumber mosaic (CMV) (Cucumovirus Cucumber Mosaic Virus)	0	1	0	0		
Capsicum sp./spp.	Pepper	Impatiens necrotic spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)	0	1	0	0		
Capsicum sp./spp.	Pepper	Potyvirus Group (Potyvirus Group)	0	1	0	0		
Capsicum sp./spp.	Pepper	Refer'd to private testing lab (Identification Analysis)	1	0	0	0		
Capsicum sp./spp.	Pepper	Thrips damage (Unidentified Thrips)	0	0	1	0		
Capsicum sp./spp.	Pepper	Tobacco mosaic (TMV) (Tobamovirus Tobacco Mosaic Virus)	0	1	0	0		
Capsicum sp./spp.	Pepper	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	0	1	0	0		
Euonymus sp./spp.	Euonymus	Fungal hyperparasite (Ampelomyces quisqualis)	1	0	0	0		
Euonymus sp./spp.	Euonymus	Powdery mildew (Oidium sp./spp.)	1	0	0	0		
Fagus sp./spp.	Beech	Leaf gall nematode (Litylenchus crenatae)	0	2	0	0		
Malus domestica	Domestic Apple	Bacterial wetwood; Slime flux (Various Pathogens)	0	0	1	0		
Malus domestica	Domestic Apple	Poor pruning practice (Abiotic disorder)	0	0	1	0		
Malus domestica	Domestic Apple	Sooty mold (Unidentified Fungus)	1	0	0	0		
Oenothera speciosa	Pinkladies	Impatiens necrotic spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)		1	0	0		
Oenothera speciosa	Pinkladies	Leaf blight; Leaf spot (<i>Botrytis</i> 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.

Cornell University Plant Disease Diagnostic Clinic

Diagnostic Review Report

	Cornen	offiversity Flant Disease Diagnostic Chilic	Diagnostic Neview Nepolt					
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	
Oenothera speciosa	Pinkladies	Ramularia leaf spot (<i>Ramularia</i> sp./spp.)		0	1	0	0	
Oenothera speciosa	Pinkladies	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)		0	1	0	0	
Picea abies	Norway Spruce	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Picea abies	Norway Spruce	Norway spruce shoot gall midge (<i>Piceacecis abietiperda</i>)		1	0	0	0	
Populus sp./spp. hybrids	Poplar (hybrids)	Environmental stress; Problem (Abiotic disorder)		0	0	3	0	
Populus sp./spp. hybrids	Poplar (hybrids)	Leaf spot (Marssonina sp./spp.)		2	0	0	0	
Populus sp./spp. hybrids	Poplar (hybrids)	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Scabiosa sp./spp.	Pincushion Flower	Refer'd to private testing lab (Identification Analysis)		1	0	0	0	
Thuja sp./spp.	Arborvitae	No pathogen found (Identification Analysis)		1	0	0	0	
Thuja sp./spp.	Arborvitae	Winter injury (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.