Cornell University Plant Disease Diagnostic Clinic

Leaf gall nematode (Litylenchus crenatae)

Broad mite (Polyphagotarsonemus latus)

Fagus sp./spp.

Mandevilla

sp./spp.

Beech

Mandevilla

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 March 4 th through March 16 th 2020					
Allium cepa	Onion	Unspecified pathology (<i>Pseudomonas</i> sp./spp.)	1	0	0	0	
Allium schoenoprasum	Chives (seed)	Nutrient imbalance (Abiotic disorder)	0	0	1	0	
Allium schoenoprasum	Chives (seed)	Salt deposit; Efflorescence (Abiotic disorder)		0	1	0	
Allium schoenoprasum	Chives (seed)	Thrips damage (Unidentified Thrips)		0	0	0	
Allium schoenoprasum	Chives (seed)	Unspecified pathology (<i>Fusarium</i> sp./spp.)		0	0	0	
Allium schoenoprasum	Chives (seed)	Unspecified pathology (<i>Plectosporium</i> sp./spp.)		0	0	0	
Allium schoenoprasum	Chives (seed)	Unspecified pathology (Stemphylium sp./spp.)		0	0	0	
Begonia x hiemalis	Rieger Begonia; elatior begonia	Bacterial blight (Xanthomonas sp./spp.)	3	0	0	0	
	1			t		$\overline{}$	

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

		offiversity i fairt bisease biagnostic chine	Diagnostic Neview Neport				
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
Mentha sp./spp.	Mint	Chocolate tube slime mold (Stemonitis sp./spp.)		1	0	0	0
Pinus flexilis	Limber Pine	Pine wilt nematode (Pinewood) (Bursaphelenchus xylophilus)		0	1	0	0
Pinus flexilis	Limber Pine	Sap stain/ wilt (<i>Leptographium</i> sp./spp.)		0	0	1	0
Raphanus sativus	Radish	Alternaria leaf blight (<i>Alternaria</i> sp./spp.)		0	1	0	0
Raphanus sativus	Radish	Moisture stress (Abiotic disorder)		0	0	1	0
Raphanus sativus	Radish	Nutrient imbalance (Abiotic disorder)		0	0	1	0
Raphanus sativus	Radish	Spider mites (Family Tetranychidae)		1	0	0	0
Raphanus sativus	Radish	Thrips damage (Unidentified Thrips)		1	0	0	0
Solanum tuberosum	Potato (seed)	Potato common scab (Streptomyces scabies)		0	0	1	0
Solanum tuberosum	Potato (seed)	Potato powdery scab (Spongospora subterranea)		0	1	0	0
Solanum tuberosum	Potato (seed)	Unspecified pathology (<i>Rhizoctonia</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.