Cornell University Plant Disease Diagnostic Clinic

Oedema; Edema (Abiotic disorder)

Additional sample requested (Identification Analysis)

No pathogen found (Identification Analysis)

Nutrient imbalance (Abiotic disorder)

Brassica chinensis

Brassica oleracea var. capitata

var. chinensis

Nasturtium

Nasturtium

officinale

officinale

Bok Choy;

chinese cabbage

Cabbage

Watercress

Watercress

Diagnostic Review Report

1 0

1 0

0 0

0

0

1

0

0

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 January 30 th through February 12 th 2018					
Abies sp./spp.	Fir	Prociphilus aphids (<i>Prociphilus</i> sp./spp.)	0	0	1	0	
Abies sp./spp.	Fir	Refer'd to private testing lab (Identification Analysis)	1	0	0	0	
Abies sp./spp.	Fir	Root damage (Abiotic disorder)	1	0	0	0	
Allium cepa	Onion	Bacterial soft rot (Unidentified Bacterium)	1	0	0	0	
Allium cepa	Onion	Onion maggot (<i>Delia antiqua</i>)	0	0	1	0	
Brassica chinensis var. chinensis	Bok Choy; chinese cabbage	No pathogen found (Identification Analysis)	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.

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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	n;	Confirmed	Not Detected	Suspected	Inconclusive	
Nasturtium officinale	Watercress	Unknown abiotic disorder (Abiotic disorder)	0)	0	1	0	
Pinus thunbergiana	Japanese Black pine	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1		0	0	0	
Pinus thunbergiana	Japanese Black pine	Root damage (Abiotic disorder)	0)	0	1	0	
Pinus thunbergiana	Japanese Black pine	Winter injury (Abiotic disorder)	0)	0	1	0	
Platanus x acerifolia	London Planetree	Branch canker; Massaria (Splanchnonema platani)	3	}	0	0	0	
Platanus x acerifolia	London Planetree	Unspecified pathology (Hapalocystis sp./spp.)	3	}	0	0	0	
Solanum tuberosum	Potato	Insect damage (Unidentified Insect)	0)	0	1	0	
Solanum tuberosum	Potato	Potato canker and black scurf (Rhizoctonia solani)	1	•	0	0	0	
Solanum tuberosum	Potato	Potato common scab (Streptomyces scabies)	0)	0	1	0	
Solanum tuberosum	Potato	Potato powdery scab (Spongospora subterranea)	0)	1	0	0	

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Solanum tuberosum	Potato	Potato blackheart (Abiotic disorder)	0	0	1	0		
Solanum tuberosum	Potato	Pythium leak (<i>Pythium ultimum</i>)	0	1	0	0		

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