Potyvirus Group (*Potyvirus* sp./spp.)

Cucumis sativus

Cucumber

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 June 27 th through July 3 rd , 2017						
Abies sp./spp.	Fir	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0		
Abies sp./spp.	Fir	Root damage (Abiotic disorder)	0	0	1	0		
Abies sp./spp.	Fir	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0		
Acer rubrum	Red Maple	Fertilizer injury (Abiotic disorder)	0	0	1	0		
Acer rubrum	Red Maple	Phyllosticta leaf spot (<i>Phyllosticta</i> sp./spp.)	1	0	0	0		
Acer sp./spp.	Maple	No pathogen found (Identification Analysis)	1	0	0	0		
Acer sp./spp.	Maple	Pesticide toxicity (Abiotic disorder)	0	0	1	0		
Acer sp./spp.	Maple	Spider mites (Family Tetranychidae)	0	0	1	0		
Alnus sp./spp.	Alder	Canker; Coral spot; Blight; Dieback (Nectria cinnabarina)	1	0	0	0		
Alnus sp./spp.	Alder	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0		
Brassica oleracea var. capitata	Cabbage	Physiological responses (Abiotic disorder)	0	0	1	0		
Brassica oleracea var. capitata	Cabbage	Potyvirus Group (<i>Potyvirus</i> sp./spp.)	0	1	0	0		
Cucumis sativus	Cucumber	Nutrient imbalance (Abiotic disorder)	0	0	1	0		

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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.

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	
Cucumis sativus	Cucumis sativus Cucumber Refer'd to private testing lab (Identification Analysis)				0	0	0	
Cucumis sativus	Cucumber	Squash mosaic (SQMV) (Comovirus Squash Mosaic Virus)		0	1	0	0	
Cucumis sativus	Cucumber	Tobacco mosaic (TMV) (Tobamovirus Tobacco Mosaic Virus)		0	1	0	0	
Cucumis sativus	Cucumber	Zucchini yellow mosaic (ZYMV) (Potyvirus Zucchini Yellow Mosaic Virus)		0	1	0	0	
Fagus sp./spp.	Beech	Additional sample requested (Identification Analysis)		1	0	0	0	
Fagus sp./spp.	Beech	Wood decay fungus (Unidentified Fungus)		1	0	0	0	
Fagus sylvatica	European Beech	n Moisture stress (Abiotic disorder)		0	0	1	0	
Fagus sylvatica	European Beech	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Animal damage (Abiotic disorder)		0	0	1	0	
Lycopersicon esculentum	Tomato	Potyvirus Group (<i>Potyvirus</i> sp./spp.)		0	1	0	0	
Malus sp./spp.	Crabapple	Cytospora canker; Dieback (<i>Cytospora</i> sp./spp.)		1	0	0	0	
Malus sp./spp.	Crabapple	Unknown abiotic disorder (Abiotic disorder)		0	0	1	0	

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Diagnostic Review Report

Host		Diagnosis Diagnostic Circle Diagnostic Review Report		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	
Malus sp./spp. Crabapple Winter injury (Abiotic disorder)				0	0	1	0	
Medicago sativa	Alfalfa	Alfalfa snout beetle (Otiorhynchus ligustici)		0	0	1	0	
Medicago sativa	Alfalfa	High soil moisture (Abiotic disorder)		0	0	1	0	
Medicago sativa	Alfalfa	Leptosphaerulina leaf spot (<i>Leptosphaerulina</i> sp./spp.)		1	0	0	0	
Medicago sativa	Alfalfa	Rhizoctonia crown and stem rot (<i>Rhizoctonia solani</i>)		1	0	0	0	
Poa ; agrostis annua and a. spp.	Mix Annual bluegrass; bentgrass	Anthracnose basal rot; Crown rot (Colletotrichum sp./spp.)		1	0	0	0	
Poa ; agrostis annua and a. spp.	Mix Annual bluegrass; bentgrass	Dollar spot (Sclerotinia homeocarpa)		1	0	0	0	
Quercus sp./spp.	Oak	No pathogen found (Identification Analysis)		1	0	0	0	
Quercus sp./spp.	Oak	Pesticide toxicity (Abiotic disorder)		0	0	1	0	
Rosa rugosa	Rugosa Rose	Herbicide injury; Exposure (Abiotic disorder)		0	0	1	0	
Rosa rugosa	Rugosa Rose	Referred to specialist (Identification Analysis)		1	0	0	0	
Rosmarinus officinalis	Rosemary	Moisture stress (Abiotic disorder)		0	0	1	0	

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Diagnostic Review Report

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Rosmarinus officinalis	Rosemary	No pathogen found (Identification Analysis)		1	0	0	0	
Rosmarinus officinalis	Rosemary	Root damage (Abiotic disorder)		1	0	0	0	
Rubus idaeus	Raspberry	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Rubus idaeus	Raspberry	Nutrient imbalance (Abiotic disorder)		0	0	1	0	
Rubus idaeus	Raspberry	Root damage (Abiotic disorder)		0	0	1	0	
Thuja sp./spp.	Arborvitae	Arborvitae needle blight (<i>Phyllosticta thujae</i>)		1	0	0	0	
Thuja sp./spp.	Arborvitae	Dieback; Canker (Seiridium sp./spp.)		1	0	0	0	
Thuja sp./spp.	Arborvitae	Drought stress damage (Abiotic disorder)		0	0	1	0	

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