Cornell University Plant Disease Diagnostic Clinic

Cucurbit Bacterial Wilt (Erwinia tracheiphila)

Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)

Insect Damage (Unidentified Insect)

Nutrient Imbalance (Abiotic disorder)

Cucurbita sp./spp.

Cucurbita sp./spp.

Cucurbita sp./spp.

Cucurbita sp./spp.

Squash

Squash

Squash

Squash

Diagnostic Review Report

1 0

0 0

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2

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1

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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 August 9 th through August 15 th , 2016						
Allium cepa	Onion	Stemphylium Leaf Blight (Stemphylium vesicarium)	1	0	0	0		
Allium sativum	Garlic	Stem and Bulb Nematode (Ditylenchus dipsaci)	1	4	0	0		
Buxus sempervirens	Common Boxwood	Boxwood Blight; Leaf and Stem Blight (Calonectria pseudonaviculata)	3	0	0	0		
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Chemical; Environmental Injury (Abiotic disorder)	0	0	1	0		
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Genetic Disorders (Abiotic disorder)	0	0	1	0		
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Impatiens Necrotic Spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)	0	1	0	0		
Chrysanthemum sp./spp. hybrids	Chrysanthemum	No Pathogen Found (Identification Analysis)	1	0	0	0		
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Oedema; Edema (Abiotic disorder)	1	0	0	0		
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Potyvirus Group (<i>Potyvirus</i> sp./spp.)	0	1	0	0		
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Tomato Spotted Wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	0	1	0	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.

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Cucurbita sp./spp.	Squash	Referred to Specialist (Identification Analysis)	1		0	0	0	
Edgeworthia sp./spp.	Paperbush	Additional Sample Requested (Identification Analysis)	1		0	0	0	
Edgeworthia sp./spp.	Paperbush	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1		0	0	0	
Lavandula sp./spp.	Lavender	Crown Rot; Root Rot; Stem Rot (<i>Phytophthora</i> sp./spp.)	1		0	0	0	
Lavandula sp./spp.	Lavender	Stem and Crown Rot (<i>Phytophthora nicotianae</i>)	0)	0	1	0	
Nicotiana sp./spp.	Nicotiana	Referred to Specialist (Identification Analysis)	1		0	0	0	
Nicotiana sp./spp.	Nicotiana	Unknown Abiotic Disorder (Abiotic disorder)	0)	0	1	0	
Picea glauca	White Spruce	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1		0	0	0	
Picea glauca	White Spruce	Unknown Abiotic Disorder (Abiotic disorder)	0	,	0	1	0	
Quercus rubra	Northern Red oak	Oak Twig Canker and Dieback (Botryosphaeria quercuum)	1		0	0	0	
Quercus rubra	Northern Red oak	Scale Insects (Order homoptera)	1		0	0	0	
Rhododendron sp./spp.	Rhododendron	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	2		0	0	0	
Rhododendron sp./spp.	Rhododendron	Unknown Abiotic Disorder (Abiotic disorder)	0)	0	2	0	
Rubus sp./spp.	Raspberry	Dagger Nematodes (Xiphinema sp./spp.)	1		0	0	0	
Syringa sp./spp.	Lilac	Moisture Stress (Abiotic disorder)	0	1	0	1	0	
Syringa sp./spp.	Lilac	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1		0	0	0	

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<i>Syringa</i> sp./spp.	Lilac	Nutrient Imbalance (Abiotic disorder)	0	0	1	0		
Tilia cordata	Small-leaved European linden	Additional Sample Requested (Identification Analysis)	1	0	0	0		
Tilia cordata	Small-leaved European linden	Drainage Problem (Abiotic disorder)	0	0	1	0		
Woody ornamentals mixed species	Woody Ornamentals	Herbicide Injury; Exposure (Abiotic disorder)	0	0	1	0		
Woody ornamentals mixed species	Woody Ornamentals	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0		

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