## Cornell University Plant Disease Diagnostic Clinic

#### **Diagnostic Review Report**

Host		Diagnosis			dence enus)	
Scientific Name	Common Name	ence this section does not represent the total number of samples		Not Detected (to gent)		Inconclusive
		Time Period Penart for August 30th through September 5th 2016				

		Time Period Report for August 30 <sup>th</sup> through September 5 <sup>th</sup> , 2016				
Abies nordmanniana	Nordmann Fir	Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Abies nordmanniana	Nordmann Fir	Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Acer palmatum	Japanese Maple	Freeze; Frost; Cold damage (Abiotic disorder)	0	0	1	0
Acer palmatum	Japanese Maple	No pathogen found (Identification Analysis)	1	0	0	0
Asparagus officinalis	Asparagus	Insect damage (Unidentified Insect)	0	0	1	0
Asparagus officinalis	Asparagus	Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Chionanthus retusus	Chinese Fringetree	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Chionanthus retusus	Chinese Fringetree	Unspecified pathology (Colletotrichum sp./spp.)	1	0	0	0
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Fusarium stem; Root rot ( <i>Fusarium</i> sp./spp.)	0	1	0	0
Chrysanthemum sp./spp. hybrids	Chrysanthemum	High soluble salt (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.

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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		Not Detected	Suspected	Inconclusive		
Cotoneaster sp./spp.	Cotoneaster	Referred to specialist (Identification Analysis)		0	0	0		
Cotoneaster sp./spp.	Cotoneaster	Wood boring insect damage (Unidentified Wood Boring Insect)		0	0	0		
Delphinium spp	Larkspur	Bacterial stem rot ( <i>Erwinia carotovora carotovora</i> )		0	1	0		
Delphinium spp	Larkspur	Insect damage (Unidentified Insect)		0	0	1		
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Crown and root rot ( <i>Phytophthora</i> sp./spp.)		2	0	0		
Fragaria x ananassa	Commercial Strawberry; garden strawberry	Strawberry black root rot complex (Various Fungi)		0	0	0		
Glycine max	Soybean	Charcoal rot ( <i>Macrophomina</i> sp./spp.)		1	0	0		
Glycine max	Soybean	Fusarium stem rot ( <i>Fusarium</i> sp./spp.)		0	0	0		
Glycine max	Soybean	Soybean cyst nematode (SCN) (Heterodera glycines)		1	0	0		
Glycine max	Soybean	Soybean stem canker (Diaporthe phaseolorum)		0	1	0		
Lycopersicon esculentum	Tomato	Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	0		

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Lycopersicon		0	0	1	0		
Picea abies	Norway Spruce	Spruce needle cast (Lirula macrospora)		0	0	2	0
Prunus sp./spp.	Stone Fruits	Coryneum blight (Shot hole) (Wilsonomyces (Stigmina) carpophilus (carpophila))		0	0	1	0
Prunus sp./spp.	Stone Fruits	Unspecified pathology (Alternaria sp./spp.)		1	0	0	0
Viburnum sp./spp.	Viburnum	Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0
Viburnum sp./spp.	Viburnum	Root damage (Abiotic disorder)		0	0	1	0
Viburnum x burkwoodii	Burkwood Viburnum	Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0
Viburnum x burkwoodii	Burkwood Viburnum	Root damage (Abiotic disorder)		0	0	1	0
Viola sp./spp.	Violas (violet; pansy)	Myrothecium stem rot ( <i>Myrothecium</i> sp./spp.)		1	0	0	0
Zea mays	Sweet Corn	Corn high plains (HPV) (Emaravirus High Plains Virus)		0	1	0	0
Zea mays	Sweet Corn	Maize dwarf mosaic (MDMV) (Potyvirus Maize Dwarf Mosaic Virus A; B)		0	1	0	0
Zea mays	Sweet Corn	Wheat curl mite (Aceria tosichella)		0	0	1	0
Zea mays	Sweet Corn	Wheat streak mosaic (Wheat Streak Mosaic Virus (WSMV))		0	1	0	0

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