## **Cornell University Plant Disease Diagnostic Clinic**

No Pathogen Found (Identification Analysis)

Nutrient Imbalance (Abiotic disorder)

Lycopersicon

Lycopersicon

Oryza sativa

sp./spp.

sp./spp.

Tomato

Tomato

Rice

## **Diagnostic Review Report**

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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 April 12 <sup>th</sup> through April 18 <sup>th</sup> , 2016				
Agrostis stolonifera	Creeping Bentgrass	Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Agrostis stolonifera	Creeping Bentgrass	No Pathogen Found (Identification Analysis)	1	0	0	1
Allium cepa	Onion	Onion Downy Mildew (Peronospora destructor)	0	1	0	0
Allium cepa	Onion	Thrips Damage (Unidentified Thrips)	0	0	1	0
Cichorium intybus	Chicory	Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
Cichorium intybus	Chicory	Unspecified Pathology (Olpidium sp./spp.)	0	1	0	0
Lycopersicon esculentum	Tomato	No Pathogen Found (Identification Analysis)	1	0	0	1
Lycopersicon esculentum	Tomato	Unknown Abiotic Disorder (Abiotic disorder)	0	0	3	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 Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)

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**

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		
Oryza sativa	Rice	Nutrient Imbalance (Abiotic disorder)	0	0	1	0		
Pachysandra sp./spp.	Pachysandra	Alfalfa Mosaic (Alfalfa Mosaic Virus (AMV))	0	0	1	0		
Pachysandra sp./spp.	Pachysandra	Boxwood Blight; Leaf and Stem Blight (Calonectria pseudonaviculata)	0	1	0	0		
Pachysandra sp./spp.	Pachysandra	Scale Insects (Order homoptera)	1	0	0	1		
Pachysandra sp./spp.	Pachysandra	Volutella Canker; Leaf Blight ( <i>Pseudonectria (</i> ana. <i>Volutella) pachysandricola (pachysandrae</i> ))	1	0	0	1		
Petunia sp./spp.	Surfinia	Genetic Disorders (Abiotic disorder)	0	0	1	0		
Petunia sp./spp.	Surfinia	Tobacco Mosaic (Tobacco Mosaic Virus (TMV)	0	1	0	0		
Picea sp./spp.	Spruce	Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0		
Picea sp./spp.	Spruce	High Soil Moisture (Abiotic disorder)	0	0	2	0		
Picea sp./spp.	Spruce	Nutrient Imbalance (Abiotic disorder)	0	0	2	0		
Picea sp./spp.	Spruce	Weir's Cushion Rust (Chrysomyxa weirii)	1	0	0	1		

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.

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