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

Host		t	Diagnosis		Confie (to ge	<b>dence</b> enus)	!
	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 19 <sup>th</sup> through April 25 <sup>th</sup> , 2016				
Abies balsamea	Balsam Fir	Moisture Stress (Abiotic disorder)	0	0	3	0
Abies balsamea	Balsam Fir	No Pathogen Found (Identification Analysis)	1	0	0	0
Abies balsamea	Balsam Fir	Oedema; Edema (Abiotic disorder)	0	0	1	0
Abies balsamea	Balsam Fir	Winter Injury (Abiotic disorder)	0	0	3	0
Allium cepa	Onion	Cladosporium Leaf Spot ( <i>Cladosporium</i> sp./spp.)	2	0	0	0
Allium cepa	Onion	Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	3	0
Allium cepa	Onion	Potyvirus Group (Potyvirus Group)	0	1	0	0
Allium cepa	Onion	Stemphylium Leaf Blight (Stemphylium vesicarium)	2	0	0	0
Allium cepa	Onion	Tobacco Mosaic (Tobacco Mosaic Virus (TMV))	0	1	0	0
Allium cepa	Onion	Tomato Spotted Wilt (Tomato Spotted Wilt Virus (TSWV))	0	1	0	0
Brassica oleracea var. botrytis	Broccoli	Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
Brassica oleracea var. botrytis	Broccoli	Unspecified Pathology ( <i>Olpidium</i> sp./spp.)	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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<i>Buxus</i> sp./spp.	Boxwood	Boxwood Blight; Leaf and Stem Blight (Calonectria pseudonaviculata)	0	1	0	0
Buxus sp./spp.	Boxwood	Root Damage (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Volutella Leaf Blight; Dieback ( <i>Volutella</i> sp./spp.)	1	0	0	0
llex crenata	Japanese Holly	Black Root Rot (Thielaviopsis basicola)	1	0	0	0
llex crenata	Japanese Holly	Moisture Stress (Abiotic disorder)	0	0	1	0
Ocimum basilicum	Sweet Basil	Downy Mildew (Peronospora belbahrii)	0	1	0	0
Ocimum basilicum	Sweet Basil	Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Picea glauca	White Spruce	Moisture Stress (Abiotic disorder)	0	0	1	0
Picea glauca	White Spruce	Winter Injury (Abiotic disorder)	0	0	1	0
Picea pungens	Blue Spruce	Spider Mites (Family Tetranychidae)	1	0	0	0
Picea pungens	Blue Spruce	Weir's Cushion Rust (Chrysomyxa weirii)	1	0	0	0
Picea pungens	Blue Spruce	Winter Injury (Abiotic disorder)	0	0	2	0
Picea pungens	Blue Spruce	Moisture Stress (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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Spinacia oleracea	Spinach	Downy Mildew (Peronospora farinosa)	0	1	0	0
Spinacia oleracea	Spinach	Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
Spinacia oleracea	Spinach	Unspecified Pathology ( <i>Olpidium</i> sp./spp.)	0	1	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.

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