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

Volutella Leaf Blight; Dieback (Volutella sp./spp.)

No Pathogen Found (Identification Analysis)

Nutrient Imbalance (Abiotic disorder)

Buxus sempervirens

'suffruticosa'

Pelargonium x

Pelargonium x

hortorum

hortorum

Edging

Boxwood

Geranium

Geranium

House (zonal)

House (zonal)

**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 March 25 <sup>th</sup> through March	31 <sup>st</sup> , 2014				
Brassica oleracea var. capitata	Cabbage	Downy Mildew (Hyaloperonospora (Peronospora) parasitica)		1	0	0	0
Buxus sp./spp.	Boxwood	Macrophoma Leaf Spot ( <i>Macrophoma</i> sp./spp.)		3	0	0	0
Buxus sempervirens	Common Boxwood	Transplant Shock; Stress (Abiotic disorder)		0	0	3	0
Buxus sempervirens	Common Boxwood	Volutella Leaf Blight; Dieback ( <i>Volutella</i> sp./spp.)		3	0	0	0
Buxus sempervirens 'suffruticosa'	Edging Boxwood	Boxwood Macrophoma Leaf Spot (Dothiorella (Macrophoma) sempere	rirens (candollei))	1	0	0	0
Buxus sempervirens 'suffruticosa'	Edging Boxwood	Unknown Abiotic Disorder (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.

- 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.

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.

## **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		Not Detected	Suspected	Inconclusive	
Plant ID	maple	Red Maple; Soft; Swamp; Scarlet ( <i>Acer rubrum</i> )		0	0	0	
Petunia sp./spp., Impatiens sp.	Petunia & Impatiens	High Soluble Salt (Abiotic disorder)		0	1	0	
Petunia sp./spp.,, Impatiens sp.	Petunia & Impatiens	No Pathogen Found (Identification Analysis)		0	0	0	
Rhododendron sp./spp.	Azalea; Rhododendron	Powdery Mildew (Unidentified Fungus)		0	3	0	
Rhododendron sp./spp.	Azalea; Rhododendron	Winter Injury (Abiotic disorder)		0	3	0	
Lycopersicon esculentum	Tomato	Cucumber Mosaic (Cucumber Mosaic Virus (CMV))		1	0	0	
Lycopersicon esculentum	Tomato	Tobacco Mosaic (Tobacco Mosaic Virus (TMV))		0	0	0	
Mandevilla sp./spp.	Mandevilla	Cultural/Environmental Problem (Abiotic disorder)		0	1	0	
Mandevilla sp./spp.	Mandevilla	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	0	

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