Common Apple

Nicotiana

Fire Blight (*Erwinia amylovora*)

Cucumber Mosaic (Cucumber Mosaic Virus (CMV))

Malus sylvestris

Nicotiana

benthamiana

#### **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 14 <sup>th</sup> through March 28 <sup>th</sup> , 2016				
Buxus sempervirens	Common Boxwood	Additional Sample Requested (Identification Analysis)	1	0	0	0
Buxus sempervirens	Common Boxwood	Volutella Leaf Blight; Dieback (Volutella sp./spp.)	1	0	0	0
Cryptomeria japonica	Japanese Cedar	No Pathogen Found (Identification Analysis)	1	0	0	0
Cryptomeria japonica	Japanese Cedar	No Pest Found (Identification Analysis)	1	0	0	0
Cryptomeria japonica	Japanese Cedar	Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
Dianthus sp./spp.	Pinks	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Dianthus sp./spp.	Pinks	Salt Damage (Abiotic disorder)	0	0	1	0
Malus sylvestris	Common Apple	Additional Sample Requested (Identification Analysis)	1	0	0	0
Malus sylvestris	Common Apple	Apple Black Rot ( <i>Diplodia seriata</i> )	1	0	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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Nicotiana benthamiana	Nicotiana	Potyvirus Group (Potyvirus Group)	0	1	0	0		
Nicotiana benthamiana	Nicotiana	Tobacco Mosaic (Tobacco Mosaic Virus (TMV))	0	1	0	0		
Ocimum basilicum	Basil	Downy Mildew (Peronospora belbahrii)	0	1	0	0		
Ocimum basilicum	Basil	Thrips Damage (Unidentified Thrips)	1	0	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Arabis Mosaic (Arabis Mosaic Virus (ARMV))	0	2	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Cucumber Mosaic (Cucumber Mosaic Virus (CMV))	0	2	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Impatiens Necrotic Spot (Impatiens Necrotic Spot Virus (INSV))	0	2	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Pelargonium Flower Break (Pelargonium Flower Break Virus (PFBV))	2	0	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Pelargonium Zonate Spot (Pelargonium Zonate Spot Virus (PZSV))	0	2	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Potyvirus Group (Potyvirus Group)	0	2	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Tobacco Mosaic (Tobacco Mosaic Virus (TMV))	0	2	0	0		

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Pelargonium sp./spp.	Geranium (cultivated)	Tobacco Ringspot (Tobacco Ringspot Virus (TRSV))	0	2	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Tomato Ringspot (Tomato Ringspot Virus (ToRSV))	0	2	0	0		
Pelargonium sp./spp.	Geranium (cultivated)	Tomato Spotted Wilt (Tomato Spotted Wilt Virus (TSWV))	0	2	0	0		
Picea pungens glauca	Kosters Blue spruce	No Pathogen Found (Identification Analysis)	1	0	0	0		
Picea pungens glauca	Kosters Blue spruce	Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0		
Pinus strobus	Eastern White pine	Additional Sample Requested (Identification Analysis)	1	0	0	0		
Pinus strobus	Eastern White pine	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0		
Pinus taeda	Loblolly Pine	Pitch Canker (Gibberella (Fusarium) sp./spp.)	0	0	3	0		
Pinus taeda	Loblolly Pine	Tip Blight ( <i>Diplodia</i> sp./spp.)	0	2	0	0		
Pinus taeda	Loblolly Pine	Wood Boring Beetles (Order coleoptera)	2	0	0	0		
Setaria viridis	Green Foxtail	No Pathogen Found (Identification Analysis)	1	0	0	0		
Setaria viridis	Green Foxtail	Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0		

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Spinacia oleracea	Spinach	Spinach Leaf Spot (Davidiella (Cladosporium) variabile)	1	0	0	0	
Ternstroemia gymnanthera	Japanese Cleyera	Cercospora Leaf Spot (Cercospora sp./spp.)	1	0	0	0	

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