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		
		Time Period Report for October 20 th through November 2 nd 2020						
Abies concolor	White Fir	Canker (Unidentified Agent)	1	0	0	0		
Abies concolor	White Fir	Root damage (Abiotic disorder)	0	0	1	0		
Acer saccharinum	Silver Maple	Additional sample requested (Identification Analysis)		0	0	0		
Acer saccharinum	Silver Maple	Verticillium wilt (<i>Verticillium</i> sp./spp.)		1	0	0		
Acer saccharinum	Silver Maple	Wound canker (Abiotic disorder)		0	1	0		
Acer saccharum	Sugar Maple	Additional sample requested (Identification Analysis)		0	0	0		
Acer saccharum	Sugar Maple	Verticillium wilt (<i>Verticillium</i> sp./spp.)	0	1	0	0		
Acer saccharum	Sugar Maple	Wound canker (Abiotic disorder)	0	0	1	0		
Allium sativum	Garlic	Fusarium dry rot; Bulb rot (<i>Fusarium</i> sp./spp.)	1	0	0	0		
Allium sativum	Garlic	Skin blotch (<i>Alternaria embellisia</i>)	1	0	0	0		
Allium sativum	Garlic	Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)	1	0	0	0		
Aster novae- angliae	New England aster	High soil moisture (Abiotic disorder)		0	1	0		
Aster novae- angliae	New England aster	Unspecified pathology (<i>Fusarium</i> sp./spp.)	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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Aster novae- angliae	New England aster	Unspecified pathology (<i>Rhizoctonia</i> sp./spp.)		1	0	0	0
Brassica oleracea acephala	Kale	Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)		1	0	0	0
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)		1	0	0	0
Euphorbia pulcherrima	Poinsettia	Oedema; Edema (Abiotic disorder)		1	0	0	0
Euphorbia pulcherrima	Poinsettia	Wound canker (Abiotic disorder)		0	0	1	0
Fagus sp./spp.	Beech	Bacterial leaf scorch (Xylella fastidiosa)		0	1	0	0
Malus domestica	Domestic Apple	Bitter pit (Abiotic disorder)		0	0	1	0
Malus domestica	Domestic Apple	Flyspeck (Schizothyrium pomi)		1	0	0	0
Ocimum basilicum	Sweet Basil	Rhizoctonia stem and root rot (Rhizoctonia sp./spp.)		1	0	0	0
Ocimum basilicum	Sweet Basil	Unspecified pathology (<i>Rhizoctonia</i> sp./spp.)		4	4	0	0
Ocimum basilicum	Sweet Basil	No pathogen found (Identification Analysis)		1	0	0	0
Ocimum basilicum	Sweet Basil	Nutrient imbalance (Abiotic disorder)		0	0	1	0
Philodendron sp./spp.	Philodendron	Potyvirus Group (Potyvirus Group)		0	1	0	0

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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	
Picea pungens	Blue Spruce	Rhizosphaera needle cast (<i>Rhizosphaera</i> sp./spp.)		1	0	0	0	
Picea pungens	Blue Spruce	Stigmina needle blight (<i>Stigmina lautii</i>)		1	0	0	0	
Picea pungens fastigiata	Colorado Blue spruce	Stigmina needle blight (<i>Stigmina lautii</i>)		1	0	0	0	
Picea pungens fastigiata	Colorado Blue spruce	Unknown abiotic disorder (Abiotic disorder)		0	0	1	0	
Picea pungens fastigiata	Colorado Blue spruce	Unspecified pathology (<i>Rhizosphaera</i> sp./spp.)		1	0	0	0	
Quercus alba	White Oak	Wood rot fungus; Sheep's head (Grifola frondosa)		1	0	0	0	
Quercus palustris	Pin Oak	Additional sample requested (Identification Analysis)		1	0	0	0	
Quercus palustris	Pin Oak	Trunk rot (Laetiporus sulphureus)		0	0	1	0	
Quercus rubra	Northern Red oak	Bacterial leaf scorch (Xylella fastidiosa)		0	1	0	0	
Quercus rubra	Northern Red oak	Leaf scorch (Abiotic disorder)		0	0	1	0	
Rhus copallinum	Winged Sumac	Additional sample requested (Identification Analysis)		1	0	0	0	
Rhus copallinum	Winged Sumac	Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)		0	0	1	0	
Rhus copallinum	Winged Sumac	Verticillium wilt (<i>Verticillium</i> sp./spp.)		0	1	0	0	

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Rosa carolina	Pasture Rose	Black spot (Rose) (Diplocarpon rosae)		1	0	0	0	
Rosa carolina	Pasture Rose	Powdery mildew (<i>Podosphaera pannosa</i>)		1	0	0	0	
Rosa rugosa	Rugosa Rose	Black spot (Rose) (<i>Diplocarpon rosae</i>)		1	0	0	0	
Rosa rugosa	Rugosa Rose	Nutrient imbalance (Abiotic disorder)		0	0	1	0	
Salvia guaranitica	Blue Anise sage	Moisture stress (Abiotic disorder)		0	0	1	0	
Salvia guaranitica	Blue Anise sage	Root-knot nematodes (<i>Meloidogyne</i> sp./spp.)		1	0	0	0	
Solanum tuberosum	Potato	Bacterial soft rot (Unidentified Bacterium)		1	0	0	0	
Solanum tuberosum	Potato	Fusarium rot (<i>Fusarium solani</i>)		1	0	0	0	
Solanum tuberosum	Potato	Hollow heart (Abiotic disorder)		1	0	0	0	
Solanum tuberosum	Potato	Insect damage (Unidentified Insect)		1	0	0	0	
Ulmus rubra	Slippery (forest) elm	Additional sample requested (Identification Analysis)		3	0	0	0	
Ulmus rubra	Slippery (forest) elm	Dutch elm disease (<i>Ophiostoma</i> sp./spp.)		0	3	0	0	

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	Cornell	University Plant Disease Diagnostic Clinic	Diagnostic Review Report				
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Ulmus rubra	Slippery (forest) elm	Elms yellows; Elm phloem necrosis (Candidatus Phytoplasma ulmi)		0	0	3	0

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