Diagnostic Review Report

Host	Diagnosis		lence enus)	
Scientific Name Common I	hence this section does not represent the total number of samples	onfirme t Detect	Suspected	Inconclusive

Time Period Report for September24 th through September 30 th , 2013							
Allium sp./spp.	Allium; Onions; leeks; garlic	Stem and Bulb Nematode (<i>Ditylenchus dipsac</i> i)	0	3	0	0	
Euphorbia pulcherrima	Poinsettia	Fusarium Stem Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0	
Euphorbia pulcherrima	Poinsettia	Wound Canker (Abiotic disorder)	0	0	1	0	
Fragaria sp./spp.	Strawberry	Anthracnose Basal Rot; Crown Rot (Colletotrichum sp./spp.)	0	0	1	0	
Fragaria sp./spp.	Strawberry	Powdery Mildew (Oidium sp./spp.)	2	0	0	0	
Fraxinus pennsylvanica lanceolata	Green Ash	Verticillium Wilt (<i>Verticillium</i> sp./spp.)	0	1	0	0	
Lycopersicon sp./spp.	Tomato	Unspecified Pathology (Alternaria sp./spp.)	1	0	0	0	
Lycopersicon sp./spp.	Tomato	Insect Damage (Unidentified Insect)	0	0	1	0	
Lycopersicon sp./spp.	Tomato	Powdery Mildew (Unidentified Fungus)	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.

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.

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	
Lycopersicon sp./spp.	Tomato	Spider Mites (Family Tetranychidae)		1	0	0	0	
Lycopersicon sp./spp.	Tomato	No Pathogen Found (Identification Analysis)		1	0	0	0	
Lycopersicon sp./spp.	Tomato	Verticillium Wilt (<i>Verticillium</i> sp./spp.)		0	2	0	0	
Malus domestica	Domestic Apple	Crown Gall (<i>Agrobacterium</i> sp./spp.)		0	0	2	0	
Malus domestica	Domestic Apple	Phytophthora Crown: Root and/or Stem Rot (<i>Phytophthora</i> sp./spp.)		0	2	0	0	
Picea pungens	Blue Spruce	High Soil Moisture (Abiotic disorder)		0	0	2	0	
Picea pungens	Blue Spruce	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		2	0	0	0	
Picea pungens	Blue Spruce	Nutrient Imbalance (Abiotic disorder)		0	0	2	0	
Pinus sp./spp.	Pine	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Pinus sp./spp.	Pine	Pine Wilt Nematode (Pinewood) (Bursaphelenchus xylophilus)		0	1	0	0	
Pinus sp./spp.	Pine	Root Damage (Abiotic disorder)		0	0	1	0	
Pinus strobus	Eastern White pine	High Soil Moisture (Abiotic disorder)		0	0	2	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.

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	
Pinus strobus	Eastern White pine	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Pinus strobus	Eastern White pine	Root Damage (Abiotic disorder)		0	0	1	0	
Pinus sylvestris	Scotch Pine	Brown Spot ; Needle Blight (<i>Mycosphaerella dearnessii</i>)		1	0	0	0	
Pinus sylvestris	Scotch Pine	Diplodia Tip Blight; Canker (Sphaeropsis (Diplodia) sapinea (pinea))		1	0	0	0	
Pinus sylvestris	Scotch Pine	Wood Boring Insect Damage (Unidentified Wood Boring Insect)		0	0	1	0	
Pinus taeda	Loblolly Pine	Genetic Disorders (Abiotic disorder)		0	0	1	0	
Pinus taeda	Loblolly Pine	Additional Sample Requested (Identification Analysis)		1	0	0	0	
Pinus taeda	Loblolly Pine	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Pinus taeda	Loblolly Pine	Scale Insects (Order homoptera)		1	0	0	0	
Quercus palustris	Pin Oak	Bacterial Leaf Scorch (BLS) (Xylella fastidiosa (BLS))		1	0	0	0	
Quercus sp./spp. red	Red Oaks	Bacterial Leaf Scorch (BLS) (Xylella fastidiosa (BLS))		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.

- 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.

Diagnostic Review Report

Host		Diagnosis			:e)		
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
Quercus velutina	Black Oak	Additional Sample Requested (Identification Analysis)		1	0	0	0
Quercus velutina	Black Oak	Phytophthora Canker (<i>Phytophthora</i> sp./spp.)	ytophthora Canker (<i>Phytophthora</i> sp./spp.)		1	0	0
Tagetes sp./spp.	Marigold	Alternaria Leaf Blight (<i>Alternaria</i> sp./spp.)	Alternaria Leaf Blight (<i>Alternaria</i> sp./spp.)		0	0	0
Tagetes sp./spp.	Marigold	Fusarium Stem Rot (<i>Fusarium</i> sp./spp.)		1	0	0	0
Thuja sp./spp.	Arborvitae	High Soil Moisture (Abiotic disorder)		0	0	1	0
<i>Thuja</i> sp./spp.	Arborvitae	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0
Thuja sp./spp.	Arborvitae	Root Damage (Abiotic disorder)		0	0	1	0
Turfgrass mixed species	Turfgrass	Anthracnose; Colletotrichum Leaf Spot (Colletotrichum sp./spp.)		1	0	0	0
Turfgrass mixed species	Turfgrass	High Soil Moisture (Abiotic disorder)		0	0	1	0
Turfgrass mixed species	Turfgrass	Red Thread (Laetisaria fuciformis)		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.

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.