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

Pinus taeda

**Loblolly Pine** 

**Diagnostic Review Report** 

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	Cornell	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 January 8 <sup>th</sup> through January 20 <sup>th</sup> 2020				
Brassica sp./spp.	Cole Crops	Pythium root and/or crown rot ( <i>Pythium</i> sp./spp.)	1	0	0	0
Brassica sp./spp.	Cole Crops	Seed rot; Damping off; Seedling blight ( <i>Pythium</i> sp./spp.)	1	0	0	0
Brassica sp./spp.	Cole Crops	Unidentified bacteria (Unidentified Bacteria)	1	0	0	0
Buxus sempervirens	Common Boxwood	Boxwood leafminer (Monarthropalpus flavus (buxi))	1	0	0	0
Buxus sempervirens	Common Boxwood	Winter injury (Abiotic disorder)	0	0	1	0
Nasturtium officinale	Watercress	Pythium root and/or crown rot (Pythium sp./spp.)	1	0	0	0
Nasturtium officinale	Watercress	Rhizoctonia stem and root rot ( <i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Nasturtium officinale	Watercress	Unidentified bacteria (Unidentified Bacteria)	1	0	0	0
Pinus strobus	Eastern White pine	Pine wilt nematode (Pinewood) (Bursaphelenchus xylophilus)	0	1	0	0
Pinus strobus	Eastern White pine	Root damage (Abiotic disorder)	0	0	1	0
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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.

Pine wilt nematode (Pinewood) (Bursaphelenchus xylophilus)

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** 

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Pinus taeda	Loblolly Pine	Root damage (Abiotic disorder)		0	0	1	0
Pinus taeda	Loblolly Pine	Scale insects (Order Homoptera)		0	0	1	0
Quercus rubra	Northern Red oak	Wood rot fungus; Dryadeus root rot (Inonotus dryadeus)		1	0	0	0

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