Cornell University Plant Disease Diagnostic Clinic

Nutrient Imbalance (Abiotic disorder)

Euphorbia

pulcherrima

Poinsettia

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	
		Time Period Report for November 2 nd through November 9 th , 2015					
Abies concolor	White Fir	Fir-fern Rust (<i>Uredinopsis mirabilis</i>)		0	1	0	
Abies concolor	White Fir	Mechanical Damage (Abiotic disorder)	0	0	1	0	
Buxus sp./spp.	Boxwood	Boxwood Blight; Leaf and Stem Blight (Calonectria pseudonaviculata)	0	1	0	0	
Buxus sp./spp.	Boxwood	Crown Rot; Root Rot; Stem Rot (<i>Phytophthora</i> sp./spp.)	0	0	2	0	
Buxus sp./spp.	Boxwood	Dagger Nematodes (Xiphinema sp./spp.)	1	0	0	0	
Buxus sp./spp.	Boxwood	Lesion Nematodes (Pratylenchus sp./spp.)		0	0	0	
Buxus sp./spp.	Boxwood	Stubby-root Nematodes (Trichodorids) (<i>Trichodorus</i> sp./spp.)		0	0	0	
Cyclamen sp./spp.	Cyclamen	Impatiens Necrotic Spot (Impatiens Necrotic Spot Virus (INSV))	0	1	0	0	
Cyclamen sp./spp.	Cyclamen	No Pathogen Found (Identification Analysis)	1	0	0	0	
Cyclamen sp./spp.	Cyclamen	Thrips Damage (Unidentified Thrips)	1	0	0	0	
Cyclamen sp./spp.	Cyclamen	Tomato Spotted Wilt (Tomato Spotted Wilt Virus (TSWV))	0	1	0	0	
Euphorbia pulcherrima	Poinsettia	No Pathogen Found (Identification Analysis)	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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Diagnostic Review Report

Hos		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
Picea pungens Blue Spruce Rhizosphaera Needle Cast (Rhizosphaera sp./spp.)		0	1	0	0		
Picea pungens	Blue Spruce	Stigmina Needle Blight (<i>Stigmina lautii</i>)		1	0	0	0
Picea pungens	Blue Spruce	Weir's Cushion Rust (Chrysomyxa weirii)		0	0	1	0
Picea sp./spp.	Spruce	Scale Insects (Order homoptera)		1	0	0	0
Picea sp./spp.	Spruce	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0
Picea sp./spp.	Spruce	Unspecified Pathology (<i>Rhizosphaera</i> sp./spp.)		1	0	0	0
Picea sp./spp.	Spruce	Unspecified Pathology (<i>Stigmina</i> sp./spp.)		1	0	0	0
Pinus flexilis	Limber Pine	Scale Insects (Order homoptera)		1	0	0	0
Pinus flexilis	Limber Pine	Sooty Mold (Unidentified Fungus)		1	0	0	0
Pinus flexilis	Limber Pine	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0
Pinus strobus	Eastern White pine	Adelgid (<i>Adelges</i> sp./spp.)		0	0	1	0
Pinus strobus	Eastern White pine	Eriophyid Mites (Family Eriophyidae)		0	0	1	0
Pinus strobus	Eastern White pine	No Pathogen Found (Identification Analysis)		1	0	0	0

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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	
Pinus strobus	Eastern White pine	Unidentified Insect (Unidentified Insect)		1	0	0	0	
Pinus strobus	Eastern White pine	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0	
Pinus sylvestris	Scots Pine	Additional Sample Requested (Identification Analysis)		1	0	0	0	
Pinus sylvestris	Scots Pine	Diplodia Tip Blight; Canker (<i>Diplodia sapinea</i>)		1	0	0	0	
Pinus sylvestris	Scots Pine	Pine Wilt Nematode (Pinewood) (Bursaphelenchus xylophilus)		0	1	0	0	
Rhododendron sp./spp.	Azalea; Rhododendron	No Pathogen Found (Identification Analysis)		1	0	0	0	
Rhododendron sp./spp.	Azalea; Rhododendron	Thrips Damage (Unidentified Thrips)		0	0	1	0	
Zea mays	Corn	Ear Rot (<i>Cladosporium</i> sp./spp.)		1	0	0	0	
Zea mays	Corn	Fusarium Ear Rot (<i>Fusarium</i> sp./spp.)		1	0	0	0	
Zea mays	Corn	Trichoderma Ear Rot (<i>Trichoderma viride</i>)		1	0	0	0	

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