Boxwood

Buxus sp./spp.

Diagnostic Review Report

Host		Host		Diagnosis			i denc 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 August 1 st through August 7 th , 2017						
Abies fraseri	Fraser Fir	Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0		
Abies fraseri	Fraser Fir	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0		
Acer negundo	Boxelder	Insufficient sample (Identification Analysis)	2	0	0	0		
Acer negundo	Boxelder	Anthracnose (Colletotrichum gloeosporioides)	1	0	0	0		
Acer negundo	Boxelder	Potato leafhopper (<i>Empoasca fabae</i>)	0	0	1	0		
Acer palmatum	Japanese Maple	Additional sample requested (Identification Analysis)	1	0	0	0		
Acer palmatum	Japanese Maple	Valsa canker (<i>Valsa</i> sp./spp.)	1	0	0	0		
Acer palmatum	Japanese Maple	Wood decay fungus (Unidentified Fungus)	1	0	0	0		
Allium sativum	Garlic	Stem and bulb nematode (<i>Ditylenchus dipsaci</i>)	0	1	0	0		
Allium sativum	Garlic	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0		
Amelanchier sp./spp.	Serviceberry	Fire blight (<i>Erwinia amylovora</i>)	0	1	0	0		
Amelanchier sp./spp.	Serviceberry	Cedar-quince rust (Gymnosporangium clavipes)	1	0	0	0		
Buxus sp./spp.	Boxwood	Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	1	8	0	0		

Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)

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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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Buxus sp./spp.	Boxwood	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Boxwood mite (Eurytetranychus buxi)	3	0	1	0
Buxus sp./spp.	Boxwood	Colletotrichum stem decay (Colletotrichum sp./spp.)	3	0	0	0
Buxus sp./spp.	Boxwood	Insect damage (Unidentified Insect)	1	0	0	0
Buxus sp./spp.	Boxwood	Macrophoma leaf spot (<i>Macrophoma</i> sp./spp.)	6	0	0	0
Buxus sp./spp.	Boxwood	Oedema; Edema (Abiotic disorder)	0	0	1	0
Buxus sp./spp.	Boxwood	Root damage (Abiotic disorder)	0	0	3	0
Buxus sp./spp.	Boxwood	Transplant shock; Stress (Abiotic disorder)	0	0	5	0
Buxus sp./spp.	Boxwood	Volutella leaf blight; Dieback (Volutella sp./spp.)	6	0	0	0
Catalpa sp./spp.	Catalpa	Additional sample requested (Identification Analysis)	1	0	0	0
Catalpa sp./spp.	Catalpa	Verticillium wilt (Verticillium sp./spp.)	0	0	1	0
Chrysanthemum sp./spp. hybrids	Chrysanthemu m	Fusarium wilt (Fusarium oxysporum f.sp. chrysanthemi)	0	0	1	0
Chrysanthemum sp./spp. hybrids	Chrysanthemu m	Impatiens necrotic spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)	0	1	0	0
Chrysanthemum sp./spp. hybrids	Chrysanthemu m	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	0	1	0	0

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Chrysanthemum sp./spp. hybrids	Chrysanthemu m	Unknown abiotic disorder (Abiotic disorder)		0	0	1	0
Cucurbita sp./spp.	Pumpkin	Additional sample requested (Identification Analysis)		1	0	0	0
Cucurbita sp./spp.	Pumpkin	Cucurbit bacterial wilt (Erwinia tracheiphila)		0	0	1	0
Dahlia sp./spp.	Dahlia	Bacterial soft rot (Unidentified Bacterium)		1	0	0	0
Dahlia sp./spp.	Dahlia	High soil moisture (Abiotic disorder)		0	0	1	0
Dahlia sp./spp.	Dahlia	Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)		1	0	0	0
Eruca sativa	Arugula	No pathogen found (Identification Analysis)		1	0	0	0
Eruca sativa	Arugula	Nutrient imbalance (Abiotic disorder)		0	0	1	0
Eruca sativa	Arugula	Refer'd to private testing lab (Identification Analysis)		1	0	0	0
Ilex crenata	Japanese Holly	Additional sample requested (Identification Analysis)		1	0	0	0
Ilex crenata	Japanese Holly	Root damage (Abiotic disorder)		1	0	1	0
Ilex crenata	Japanese Holly	Scale insects (Order Homoptera)		1	0	0	0
Ilex crenata	Japanese Holly	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspe	cif.)	1	0	0	0
Lavandula sp./spp.	Lavender	Black root rot (Thielaviopsis basicola)		0	1	0	0
Lavandula sp./spp.	Lavender	Crown rot; Root rot; Stem rot (<i>Phytophthora</i> sp./spp.)		0	1	0	0

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Lavandula sp./spp.	Lavender	High soil moisture (Abiotic disorder)	0	0	1	0				
Lycopersicon esculentum	Tomato	Late blight (<i>Phytophthora infestans</i>)	0	1	0	0				
Lycopersicon esculentum	Tomato	Potyvirus Group (<i>Potyvirus</i> sp./spp.)	0	1	0	0				
Lycopersicon esculentum	Tomato	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	0	1	0	0				
Lycopersicon esculentum	Tomato	Unspecified pathology (Alternaria sp./spp.)	1	0	0	0				
Maackia amurensis	Amur Maackia	Root damage (Abiotic disorder)	0	0	1	0				
Maackia amurensis	Amur Maackia	Unspecified pathology (<i>Cytospora</i> sp./spp.)	1	0	0	0				
Maackia amurensis	Amur Maackia	Unspecified pathology (<i>Phomopsis</i> sp./spp.)	1	0	0	0				
Malus sp./spp.	Crabapple	Frogeye leaf spot; Black rot (Botryosphaeria obtusa)	1	0	0	0				
Malus sp./spp.	Crabapple	Apple scab (Venturia inaequalis)	1	0	0	0				
Malus sp./spp.	Crabapple	Insect damage (Unidentified Insect)	1	0	0	0				
Malus sylvestris	Common Apple	Insect damage (Unidentified Insect)	1	0	0	0				

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Malus sylvestris	Common Apple	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Malus sylvestris	Common Apple	Rust (<i>Gymnosporangium</i> sp./spp.)	1	0	0	0
Malus sylvestris	Common Apple	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Prunus persica	Peach	Insufficient sample (Identification Analysis)	1	0	0	0
Prunus persica nectarina	Nectarine	Brown rot (<i>Monilia</i> sp./spp.)	1	0	0	0
Prunus sp./spp.	Cherry	Insect damage (Unidentified Insect)	1	0	0	0
Prunus sp./spp.	Cherry	Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Prunus sp./spp.	Cherry	Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Rhododendron sp./spp.	Azalea; Rhododendron	Additional sample requested (Identification Analysis)	1	0	0	0
Rhododendron sp./spp.	Azalea; Rhododendron	No pathogen found (Identification Analysis)	1	0	0	0
Rhus aromatica	Fragrant Sumac	Additional sample requested (Identification Analysis)	1	0	0	0
Rhus aromatica	Fragrant Sumac	Powdery mildew (<i>Oidium</i> sp./spp.)	1	0	0	0
Rhus aromatica	Fragrant Sumac	Root damage (Abiotic disorder)	0	0	1	0
Rubus sp./spp.	Raspberry	Spot anthracnose (Elsinoe veneta)	1	0	0	0

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Solanum tuberosum	Potato	Late blight (Phytophthora infestans)	1	0	0	0		
Syringa vulgaris	Common Lilac	Blight (Ascochyta syringae)	1	0	0	0		

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