Onion Downy Mildew (Peronospora destructor)

Thrips Damage (Unidentified Thrips)

Allium sp./spp.

Allium sp./spp.

Allium; Onions;

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leeks; garlic

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	Cornell	University Plant Disease Diagnostic Clinic	Diagnostic Review Report				
Host		Diagnosis			denc e enus)		
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 12 th through Augus	t 18 ^t , 2014				
Abies fraseri	Fraser Fir	Crown and Root Rot (<i>Phytophthora</i> sp./spp.)		0	1	0	0
Abies fraseri	Fraser Fir	High Soil Moisture (Abiotic disorder)		0	0	1	0
Allium sativum	Garlic	Bulb Mite (Rhizoglyphus sp./spp.)		2	0	0	0
Allium sativum	Garlic	Canker (Alternaria (Embellisia) embellisia (alli))		1	0	0	0
Allium sativum	Garlic	Onion Maggot (<i>Delia antiqua</i>)		0	0	2	0
Allium sativum	Garlic	Stem and Bulb Nematode (<i>Ditylenchus dipsaci</i>)		0	1	0	0
Allium sativum	Garlic	Unspecified Pathology (Fusarium sp./spp.)		1	0	0	0
Allium sativum	Garlic	White Rot (Stromatinia (Sclerotium) cepivora (cepivorum))		2	0	0	0

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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.

Diagnostic Review Report

Host		Host Diagnosis		Confidence (to genus)			
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Allium sp./spp.	Allium; Onions; leeks; garlic	Onion Purple (Brown) Blotch (Alternaria porri)		1	0	0	0
Amelanchier alnifolia	Saskatoon Serviceberry	High Soil Moisture (Abiotic disorder)		0	0	1	0
Amelanchier alnifolia	Saskatoon Serviceberry	Insect Damage (Unidentified Insect)		1	0	0	0
Amelanchier alnifolia	Saskatoon Serviceberry	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0
Buxus sp./spp.	Boxwood	Boxwood Blight; Leaf and Stem Blight (Calonectria (ana. Cylindrocladium) pseudonaviculata (pseudonaviculatum))		1	1	0	0
Buxus sp./spp.	Boxwood	Boxwood Leafminer (Monarthropalpus flavus (buxi))		0	0	2	0
Buxus sp./spp.	Boxwood	Fusarium Canker (<i>Fusarium</i> sp./spp.)		1	0	0	0
Buxus sp./spp.	Boxwood	Macrophoma Blight; Dieback (<i>Macrophoma</i> sp./spp.)		1	0	0	0
Buxus sp./spp.	Boxwood	Volutella Leaf Blight; Dieback (Volutella sp./spp.)		1	0	0	0
Capsicum sp./spp.	Pepper	White Mold (Stem Rot) (Sclerotinia sclerotiorum)		1	0	0	0
Chrysanthemum sp./spp. hybrids	Chrysanthemum	No Pathogen Found (Identification Analysis)		1	0	0	0

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Chrysanthemum sp./spp. hybrids	Chrysanthemum	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0	
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Nutrient Imbalance (Abiotic disorder)	Nutrient Imbalance (Abiotic disorder)		0	1	0	
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Oedema; Edema (Abiotic disorder)		1	0	0	0	
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Additional Sample Requested (Identification Analysis)		1	0	0	0	
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Cultural/Environmental Problem (Abiotic disorder)		0	0	1	0	
Chrysanthemum sp./spp. hybrids	Chrysanthemum	Root Damage (Abiotic disorder)		0	0	1	0	
Cucumis sativus	Cucumber	Alternaria Leaf Spot (<i>Alternaria</i> sp./spp.)		1	0	0	0	
Cucumis sativus	Cucumber	Bacterial Spot (Xanthomonas cucurbitae (campestris) (pv. cucurbitae))		1	0	0	0	
Fagus sp./spp.	Beech	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0	
Fagus sp./spp.	Beech	Root Damage (Abiotic disorder)		0	0	1	0	
Fagus sylvatica	Fastigate	Moisture Stress (Abiotic disorder)		0	0	1	0	

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	European beech					
Fagus sylvatica	Fastigate European beech	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Juniperus sp./spp.	Juniper	High Soil Moisture (Abiotic disorder)	0	0	2	0
Juniperus sp./spp.	Juniper	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Juniperus sp./spp.	Juniper	Root Damage (Abiotic disorder)	0	0	1	0
Lycopersicon sp./spp.	Tomato	Late Blight (Phytophthora infestans)	2	0	0	0
Lycopersicon sp./spp.	Tomato	Early Blight; Leaf Spot (Alternaria solani)	1	0	0	0
Lycopersicon sp./spp.	Tomato	White Mold (Stem Rot) (Sclerotinia sclerotiorum)	1	0	0	0
Picea pungens	Blue Spruce	Cytospora Canker; Dieback (<i>Cytospora</i> sp./spp.)	0	0	2	0
Picea pungens	Blue Spruce	Stigmina Needle Blight (<i>Stigmina lautii</i>)	1	0	0	0
Picea pungens	Blue Spruce	Unspecified Pathology (<i>Rhizosphaera</i> sp./spp.)	1	0	0	0
Populus sp./spp. hybrids	Poplar (hybrids)	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		0	0	0

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Populus sp./spp. hybrids	Poplar (hybrids)	r (hybrids) Unidentified Insect (Unidentified Insect)		1	0	0	0
Populus sp./spp. hybrids	Poplar (hybrids)	Unknown Abiotic Disorder (Abiotic disorder)		0	0	1	0
Quercus falcata	Red Oak	Leaf Spot (<i>Tubakia dryina</i>)		1	0	0	0
Quercus sp./spp.	Oak	Oak Wilt (Ceratocystis (Chalara) fagacearum (quercina))		0	2	0	0
Quercus sp./spp. white	White Oaks	Bacterial Wetwood; Slime Flux (Various Pathogens)		0	0	1	0
Quercus sp./spp. white	White Oaks	Crown Rot; Root Rot; Stem Rot (<i>Phytophthora</i> sp./spp.)		0	1	0	0
Taxodium sp./spp.	Baldcypress	Moisture Stress (Abiotic disorder)		0	0	1	0
Taxodium sp./spp.	Baldcypress	Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)		1	0	0	0
Turfgrass mixed species	Turfgrass	Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)		2	1	0	0
Turfgrass mixed species	Turfgrass	Turfgrass Necrotic Ring Spot (Ophiosphaerella (Leptosphaeria) korrae)		0	1	0	0

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Turfgrass mixed species	Turfgrass	Weevils (Family Curculionidae)		1	0	0	0
Ulmus americana	American Elm	Bark Beetles; Ambrosia Beetles (Family Scolytidae)		0	0	1	0
Ulmus americana	American Elm	Dutch Elm Disease (Ophiostoma sp./spp.)		0	1	0	0

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