



UW-Madison/Extension Plant Disease Diagnostic Clinic (PDDC) Update

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The PDDC receives samples of many plant and soil samples from around the state. The following diseases/disorders have been identified at the PDDC from September 20, 2014 through September 26, 2014.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAVED WOODY ORNAMENTALS			
Basswood	Anthracnose	<i>Asteroma</i> sp.	Sheboygan
Boxwood	Volutella Blight	<i>Volutella</i> sp.	Dane
Crabapple	Root Rot	<i>Pythium</i> sp., <i>Fusarium</i> sp.	Milwaukee
Hickory	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Sauk
Oak (Black)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Marathon
Oak (Bur)	Anthracnose	<i>Discula</i> sp.	Dane
	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Dane
Oak (Red)	Cylindrosporium Leaf Spot	<i>Cylindrosporium</i> sp.	Barron Richland
	Oak Wilt	<i>Ceratocystis fagacearum</i>	
Oak (Unspecified)	Oak Wilt	<i>Ceratocystis fagacearum</i>	Juneau, Polk
FIELD CROPS			
Soybean	Cercospora Leaf Blight	<i>Cercospora kikuchii</i>	Sheboygan
	Root Rot	<i>Rhizoctonia solani</i> , <i>Pythium</i> sp., <i>Fusarium</i> sp.	Sheboygan
	Sudden Death Syndrome	<i>Fusarium virguliforme</i>	Dodge
FRUIT CROPS			
Currant	Gloeosporidiella Leaf Spot	<i>Gloeosporidiella</i> sp.	Milwaukee
Pear	Pear Scab	<i>Venturia pirina</i>	Portage
Strawberry	Root/Crown Rot	<i>Rhizoctonia solani</i>	Dunn
HERBACEOUS ORNAMENTALS			
Bishop's Weed	Anthracnose	<i>Colletotrichum</i> sp.	McHenry (IL)
	Septoria Leaf Spot	<i>Septoria</i> sp.	McHenry (IL)
Brunnera	Root/Crown Rot	<i>Pythium</i> sp., <i>Rhizoctonia solani</i>	McHenry (IL)
Catchfly	Foliar Nematodes	<i>Aphelenchoides</i> sp.	McHenry (IL)
Hellebore	Root/Crown Rot	<i>Pythium</i> sp., <i>Fusarium</i> sp.	McHenry (IL)
Kale (Ornamental)	Black Rot	<i>Xanthomonas campestris</i>	Dane
Ligularia	Foliar Nematodes	<i>Aphelenchoides</i> sp.	McHenry (IL)
Lily-of-the-Valley	Ascochyta Leaf Spot	<i>Ascochyta</i> sp.	McHenry (IL)
Pulmonaria	Foliar Nematodes	<i>Aphelenchoides</i> sp.	McHenry (IL)
Toad Lily	Foliar Nematodes	<i>Aphelenchoides</i> sp.	McHenry (IL)

Wisconsin Disease Almanac



NEEDED WOODY ORNAMENTALS			
Pine (Austrian)	Diplodia Shoot Blight and Canker	Diplodia pinea	Milwaukee
Spruce (Black Hills)	Phomopsis Canker	Phomopsis sp.	Door
Spruce (Norway)	Cytospora Canker	Leucocytophora kunzei	Dane
Spruce (Unspecified)	Cytospora Canker	Leucocytophora kunzei	Dane
	Phomopsis Canker	Phomopsis sp.	Dane
	Rhizosphaera Needle Cast	Rhizosphaera kalkhoffii	Dane
SPECIALITY CROPS			
Hops	Downy Mildew	Pseudoperonospora humuli	Dodge
VEGETABLES			
Cabbage	Black Rot	Xanthomonas campestris	Brown
Cucumber	Cercospora Leaf Spot	Cercospora sp.	Milwaukee
	Downy Mildew	Pseudoperonospora cubensis	Milwaukee
Kale	Black Rot	Xanthomonas campestris	Brown
Pumpkin	Angular Leaf Spot	Pseudomonas syringae pv. lachrymans	Wood
	Powdery Mildew	Oidium sp.	Wood
SOIL			
Soybean Soil	Soybean Cyst	Heterodera glycines	Eau Claire, Ozaukee, Sheboygan, Trempealeau, Washington

For additional information on plant diseases and their control, visit the PDCC website at pdcc.wisc.edu.