

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

Brian Hudelson, Sue Lueloff, John Lake and Ann Joy

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 23, 2017 through September 29, 2017.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Boxwood	<i>Fusarium Canker</i> <i>Macrophoma Leaf Spot</i> <i>Volutella Canker</i>	<i>Fusarium</i> sp. <i>Macrophoma</i> sp. <i>Volutella</i> sp.	Milwaukee Milwaukee Milwaukee
Highbush Cranberry	<i>Downy Mildew</i> <i>Powdery Mildew</i>	<i>Plasmopara virburni</i> <i>Microsphaera</i> sp.	Portage Portage
Maple (Unspecified)	<i>Anthrachnose</i> <i>Cytospora Canker</i> <i>Verticillium Wilt</i>	<i>Discula</i> sp. <i>Cytospora</i> sp. <i>Verticillium</i> sp.	Iowa Dane Winnebago
Mountain Ash	<i>Scab</i>	<i>Venturia</i> sp.	Columbia
Oak (Bur)	<i>Bur Oak Blight</i>	<i>Tubakia iowensis</i>	Dane
Oak (White)	<i>Phomopsis Canker</i> <i>Sphaeropsis Canker</i>	<i>Phomopsis</i> sp. <i>Sphaeropsis</i> sp.	Dane Dane
Oak (Unspecified)	<i>Oak Wilt</i>	<i>Ceratocystis fagacearum</i>	Marathon
FIELD CROPS			
Soybean	<i>Anthrachnose</i> <i>Bacterial Blight</i> <i>Brown Spot</i> <i>Charcoal Rot</i> <i>Fusarium Root Rot</i> <i>Phytophthora Root Rot</i> <i>Pod And Stem Blight</i> <i>Pythium Root Rot</i>	<i>Colletotrichum</i> sp. <i>Pseudomonas syringae</i> pv. <i>glycinea</i> <i>Septoria glycines</i> <i>Macrophomina phaseolina</i> <i>Fusarium</i> sp. <i>Phytophthora</i> sp. <i>Phomopsis</i> sp. <i>Pythium</i> sp.	Columbia, Fond du Lac, Winnebago Winnebago Winnebago Walworth Walworth, Winnebago Winnebago Fond du Lac Fond du Lac, Walworth

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FRUIT CROPS			
Apple	<i>Anthracnose</i>	<i>Gloeosporium</i> sp.	Green
	<i>Cedar-Apple Rust</i>	<i>Gymnosporangium juniperi-virginianae</i>	Dane
	<i>Coniothyrium Leaf Spot</i>	<i>Coniothyrium</i> Sp.	Green
Currant	<i>Septoria Leaf Spot/Blight</i>	<i>Septoria</i> sp.	Portage
HERBACEOUS ORNAMENTALS			
Aster	<i>Anthracnose</i>	<i>Colletotrichum</i> sp.	Fond du Lac
	<i>Pythium Root Rot</i>	<i>Pythium</i> sp.	Fond du Lac
<i>Black-eyed Susan (Unspecified)</i>	<i>Minor Root Rot</i>	<i>Pythium</i> sp., <i>Fusarium</i> sp.	McHenry (IL)
<i>Butterfly Weed (Unspecified)</i>	<i>Root/Crown Rot</i>	<i>Fusarium</i> sp.	Rock
<i>Sabbatia</i>	<i>Cercospora Leaf Spot/Blight</i>	<i>Cercospora sabbatiae</i>	Rock
HOUSEPLANTS			
<i>Gardenia</i>	<i>Botrytis Blight/ Gray Mold</i>	<i>Botrytis</i> sp.	Dane
NEEDED WOODY ORNAMENTALS			
<i>Spruce (Blue)</i>	<i>Rhizosphaera Needle Cast</i>	<i>Rhizosphaera kalkhoffii</i>	Dane
<i>Spruce (Unspecified)</i>	<i>Rhizosphaera Needle Cast</i>	<i>Rhizosphaera kalkhoffii</i>	Dane
VEGETABLE CROPS			
Garlic	<i>Fusarium Bulb Rot</i>	<i>Fusarium</i> sp.	Dane
Potato	<i>Black Leg</i>	<i>Dickeya dianthicola</i>	Langlade
	<i>Potato Virus Y (Immunostrip)</i>	<i>Potato virus Y (Necrotic Strain)</i>	Iowa
	<i>Pythium Leak</i>	<i>Pythium</i> sp.	Dane
<i>Squash (Unspecified)</i>	<i>Powdery Mildew</i>	<i>Podosphaera xanthii</i>	Marathon

For additional information on plant diseases and their control, visit the PDDC website at pddc.wisc.edu. Follow the clinic on Facebook and Twitter @UWPDDC.