



Extension

UNIVERSITY OF WISCONSIN-MADISON

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 14, 2019 through September 20, 2019.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Azalea	Leaf Blight Root/Crown Rot	<i>Phytophthora</i> sp. <i>Phytophthora</i> sp.	Milwaukee Milwaukee
Boxwood	Volutella Canker	<i>Volutella</i> sp.	Brown
Hawthorn	Cedar-Quince Rust Root/Crown Rot	<i>Gymnosporangium clavipes</i> <i>Pythium</i> sp.	Marathon Brown
Hydrangea	Root/Crown Rot	<i>Rhizoctonia</i> sp.	Milwaukee
Magnolia	Herbicide Damage Verticillium Wilt	None <i>Verticillium</i> sp.	Milwaukee Dane
Maple (Norway)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Brown
Maple (Unspecified)	Anthracnose Phomopsis Canker Root/Crown Rot Tar Spot	<i>Discula</i> sp. <i>Phomopsis</i> sp. <i>Pythium</i> sp., <i>Fusarium</i> sp. <i>Rhytisma acerinum</i>	Dane Milwaukee Milwaukee Waukesha
Oak (Bur)	Anthracnose Bur Oak Blight Chlorosis Tubakia Leaf Spot	<i>Discula</i> sp. <i>Tubakia lowensis</i> None <i>Tubakia dryina</i>	Dane, Rock Dane, Green Lake, Trempealeau, Waukesha, Winnebago Rock Dane, Rock, Waukesha, Winnebago
Oak (Red)	Oak Wilt Septoria Leaf Spot Tubakia Leaf Spot	<i>Bretziella fagacearum</i> <i>Septoria</i> sp. <i>Tubakia dryina</i>	Washburn Rock Calumet, Rock



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Wisconsin Disease Almanac

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Oak (White)	Anthracnose Monochaetia Leaf Spot Septoria Leaf Spot Sphaeropsis Canker Tubakia Leaf Spot	<i>Discula</i> sp. <i>Monochaetia</i> sp. <i>Septoria</i> sp. <i>Sphaeropsis</i> sp. <i>Tubakia dryina</i>	Winnebago Kenosha Rock Kenosha Winnebago
Oak (Unspecified)	Chlorosis	None	Winnebago
Spirea	Alternaria Leaf Spot	<i>Alternaria</i> sp.	Dane
Viburnum	Root/Crown Rot	<i>Pythium</i> sp.	Waukesha
FIELD CROPS			
Corn	Cladosporium Ear Rot Common Rust Eyespot Gibberella Ear Rot Gibberella Stalk Rot Gray Leaf Spot Nigrospora Ear Rot Northern Corn Leaf Blight Southern Rust Tar Spot	<i>Cladosporium</i> sp. <i>Puccinia sorghi</i> <i>Kabatiella zae</i> <i>Fusarium graminearum</i> <i>Fusarium graminearum</i> <i>Cercospora</i> sp. <i>Nigrospora</i> sp. <i>Exserohilum turcicum</i> <i>Puccinia polysora</i> <i>Phyllachora maydis</i>	Grant Brown Winnebago Grant Boone (IL) Dane, Winnebago, Boone (IL) Grant Brown Fond du Lac Fond du Lac, Jefferson, Juneau, Walworth, Waukesha, Waupaca
Sorghum Sudangrass	Bipolaris Leaf Spot	<i>Bipolaris</i> sp.	Fond du Lac
Soybean	Brown Stem Rot Cercospora Leaf Blight Phytophthora Root and Stem Rot Sudden Death Syndrome Tobacco Streak	<i>Phialophora gregata</i> <i>Cercospora kikushii</i> <i>Phytophthora</i> sp. <i>Fusarium virguliforme</i> <i>Tobacco streak virus</i>	Monroe, Sauk Dane Monroe Buffalo, Dane, Monroe Jefferson

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PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
FRUIT CROPS			
Cherry	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Raspberry	Septoria Leaf Spot	<i>Septoria</i> sp.	Brown
NEEDED WOODY ORNAMENTALS			
Cedar (Red)	Cedar-Apple Rust	<i>Gymnosporangium juniperi-virginianae</i>	Dane
Fir (Concolor)	Phomopsis Canker	<i>Phomopsis</i> sp.	Door
Fir (Unspecified)	Rhizosphaera Needle Cast	<i>Rhizosphaera</i> sp.	Dane
VEGETABLE CROPS			
Potato	Bacterial Soft Rot	<i>Dickeya dianthicola</i> , <i>Pectobacterium atrosepticum</i>	Langlade
	Early Blight	<i>Alternaria solani</i>	Dame
Snap Bean	Cercospora Leaf Spot/Blotch	<i>Cercospora canescens</i>	Sauk
Squash (Spaghetti)	Xanthomonas Leaf Spot	<i>Xanthomonas</i> sp.	Vernon
Tomato	Cercospora Leaf Mold	<i>Pseudocercospora fuligena</i>	St. Croix
	Early Blight	<i>Alternaria solani</i>	Dane, Portage, St. Croix
	Late Blight	<i>Phytophthora infestans</i>	Green Lake, Portage, Sauk, St. Croix
	Septoria Leaf Spot	<i>Septoria lycopersici</i>	Dane, Green Lake, Portage, St. Croix
SPECIALTY CROPS			
Hemp (Industrial)	Fusarium Flower Rot	<i>Fusarium</i> sp.	Dane

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.