

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 August 19, 2017 through August 25, 2017.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Verticillium Wilt	<u><i>Verticillium</i> sp.</u>	Dane
Basswood	Cercospora Leaf Spot	<u><i>Cercospora</i> sp.</u>	Dane
Birch (River)	Anthracnose Chlorosis	<u><i>Discula</i> sp.</u> None	Fond du Lac Fond du Lac
Crabapple	Apple Scab	<u><i>Venturia inaequalis</i></u>	Dane
Elm (Unspecified)	Cytospora Canker Sphaeropsis Canker	<u><i>Cytospora</i> sp.</u> <u><i>Sphaeropsis</i> sp.</u>	Dane Dane
Hydrangea	Botrytis Blight/ Gray Mold	<u><i>Botrytis</i> sp.</u>	La Crosse
Maple (Norway)	Sphaeropsis Canker	<u><i>Sphaeropsis</i> sp.</u>	Dane
Maple (Unspecified)	Sphaeropsis Canker Steganosporium Canker	<u><i>Sphaeropsis</i> sp.</u> <u><i>Steganosporium</i> sp.</u>	Dane Monroe
Oak (Bur)	Anthracnose Phomopsis Canker Powdery Mildew Sphaeropsis Canker	<u><i>Discula</i> sp.</u> <u><i>Phomopsis</i> sp.</u> <u><i>Oidium</i> sp.</u> <u><i>Sphaeropsis</i> sp.</u>	Milwaukee, Pierce Pierce Milwaukee, Pierce Pierce
Oak (Red)	Oak Wilt Verticillium Wilt	<u><i>Ceratocystis fagacearum</i></u> <u><i>Verticillium</i> sp.</u>	Waukesha Waukesha
Oak (White)	Phomopsis Canker Powdery Mildew Tubakia Leaf Spot	<u><i>Phomopsis</i> sp.</u> <u><i>Oidium</i> sp.</u> <u><i>Tubakia</i> sp.</u>	Pierce Pierce Pierce
Oak (Unspecified)	Sphaeropsis Canker	<u><i>Sphaeropsis</i> sp.</u>	Brown

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FRUIT CROPS			
Apple	Cedar-apple Rust	<u><i>Gymnosporangium juniper-virginianae</i></u>	Racine
	Cytospora Canker Nectria/Tubercularia Canker	<u><i>Cytospora</i></u> sp. <u><i>Tubercularia</i></u> sp.	Eau Claire Eau Claire
Grape	Black Rot	<u><i>Phyllosticta ampellicida</i></u>	Columbia
Pear	Pear Scab	<u><i>Venturia pirina</i></u>	Eau Claire
HERBACEOUS ORNAMENTALS			
Black-Eyed Susan	Septoria Leaf Spot	<u><i>Septoria</i></u> sp.	Dane
Hosta	Anthracnose	<u><i>Colletotrichum</i></u> sp.	Bayfield
	Sunburn	None	Bayfield
Zinnia	Root Rot	<u><i>Pythium</i></u> sp.	Juneau
NEEDED WOODY ORNAMENTALS			
Arborvitae	Phyllosticta Needle Blight	<u><i>Phyllosticta</i></u> sp.	Racine
Fir (White)	Phyllosticta Needle Blight	<u><i>Phyllosticta</i></u> sp.	Brown
Pine (Mugo)	Diplodia Shoot Blight And Canker	<u><i>Diplodia</i></u> sp.	Lake (IL)
	Phomopsis Tip Blight	<u><i>Phomopsis</i></u> sp.	Lake (IL)
VEGETABLE CROPS			
Bean (Lima)	Bacterial Brown Spot	<u><i>Pseudomonas syringae</i></u> pv. <u><i>syringae</i></u>	Green Lake
Cabbage	Black Rot	<u><i>Xanthomonas campestris</i></u> pv. <u><i>campestris</i></u>	Milwaukee
Eggplant	Verticillium Wilt	<u><i>Verticillium</i></u> sp.	Crawford
Leek	Purple Blotch	<u><i>Alternaria porri</i></u>	Crawford
Onion	Downy Mildew	<u><i>Peronospora destructor</i></u>	Marquette
	Purple Blotch	<u><i>Alternaria porri</i></u>	Marquette
	Stemphylium Leaf Blight	<u><i>Stemphylium</i></u> sp.	Marquette
Pepper	Aerial Pythium	<u><i>Pythium</i></u> sp.	Dane
Snap Beans	Fusarium Root Rot	<u><i>Fusarium</i></u> sp.	Langlade
Squash	Gummy Stem Blight	<u><i>Phoma cucurbitacearum</i></u>	Crawford
	Powdery Mildew	<u><i>Oidium</i></u> sp.	Crawford, Portage

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Tomato	Early Blight Late Blight Septoria Leaf Spot	<u><i>Alternaria solani</i></u> <u><i>Phytophthora infestans</i></u> <u><i>Septoria lycopersici</i></u>	Portage Kenosha Crawford, Portage, Sauk
Turnip	Club Root	<u><i>Plasmodiophora brassicae</i></u>	Crawford
Zucchini	Angular Leaf Spot Fusarium Wilt Powdery Mildew	<u><i>Pseudomonas syringae</i> pv. <i>lachrymans</i></u> <u><i>Fusarium oxysporum</i></u> <u><i>Oidium</i> sp.</u>	Dodge Dodge 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.