

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

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<b>FIELD CROPS</b>			
Corn	Common Rust	<i>Puccinia sorghi</i>	Grant
	Southern Rust	<i>Puccinia polysora</i>	Kenosha
Soybean	Charcoal Rot	<i>Macrophomina phaseolina</i>	Fond du Lac
	Potassium Deficiency	None	Columbia
	Sudden Death Syndrome	<i>Fusarium virguliforme</i>	Fond du Lac
<b>FRUIT CROPS</b>			
Apple	Cedar-apple Rust	<i>Gymnosporangium juniper-virginianae</i>	Racine
	Cytospora Canker	<i>Cytospora</i> sp.	Eau Claire
	Nectria/Tubercularia Canker	<i>Tubercularia</i> sp.	Eau Claire
Grape	Black Rot	<i>Phyllosticta ampellicida</i>	Columbia
Pear	Pear Scab	<i>Venturia pirina</i>	Eau Claire
<b>HERBACEOUS ORNAMENTALS</b>			
Black-Eyed Susan	Septoria Leaf Spot	<i>Septoria</i> sp.	Dane
Hosta	Anthrachnose	<i>Colletotrichum</i> sp.	Bayfield
	Sunburn	None	Bayfield
Zinnia	Root Rot	<i>Pythium</i> sp.	Juneau
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp.	Racine
Fir (White)	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp.	Brown
Pine (Mugo)	Diplodia Shoot Blight And Canker	<i>Diplodia</i> sp.	Lake (IL)
	Phomopsis Tip Blight	<i>Phomopsis</i> sp.	Lake (IL)
<b>VEGETABLE CROPS</b>			
Bean (Lima)	Bacterial Brown Spot	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	Green Lake
Cabbage	Black Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Milwaukee
Eggplant	Verticillium Wilt	<i>Verticillium</i> sp.	Crawford
Leek	Purple Blotch	<i>Alternaria porri</i>	Crawford

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Onion	<a href="#">Downy Mildew</a> <a href="#">Purple Blotch</a> <a href="#">Stemphylium Leaf Blight</a>	<u><i>Peronospora destructor</i></u> <u><i>Alternaria porri</i></u> <u><i>Stemphylium</i> sp.</u>	Marquette Marquette Marquette
Pepper	<a href="#">Aerial Pythium</a>	<u><i>Pythium</i> sp.</u>	Dane
Snap Beans	<a href="#">Fusarium Root Rot</a>	<u><i>Fusarium</i> sp.</u>	Langlade
Squash	<a href="#">Gummy Stem Blight</a> <a href="#">Powdery Mildew</a>	<u><i>Phoma cucurbitacearum</i></u> <u><i>Oidium</i> sp.</u>	Crawford Crawford, Portage
Tomato	<a href="#">Early Blight</a> <a href="#">Late Blight</a> <a href="#">Septoria Leaf Spot</a>	<u><i>Alternaria solani</i></u> <u><i>Phytophthora infestans</i></u> <u><i>Septoria lycopersici</i></u>	Portage Kenosha Crawford, Portage, Sauk
Turnip	<a href="#">Club Root</a>	<u><i>Plasmodiophora brassicae</i></u>	Crawford
Zucchini	<a href="#">Angular Leaf Spot</a>  <a href="#">Fusarium Wilt</a> <a href="#">Powdery Mildew</a>	<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
<b>SPECIALTY CROPS</b>			
Hop	<a href="#">Unidentified Carlavirus Disease</a>	<a href="#">Unidentified carlavirus</a>	Dane

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu). Follow the clinic on Facebook and Twitter @UWPDDC.