

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 July 14, 2018 through July 20, 2018.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Crabapple	Fire Blight	<u><i>Erwinia amylovora</i></u>	Washington
Elm (Unspecified)	Dutch Elm Disease	<u><i>Ophiostoma</i> sp.</u>	Dane
	Septoria Leaf Spot	<u><i>Septoria</i> sp.</u>	Bayfield
Hickory (Unspecified)	Downy Leaf Spot	<u><i>Microstroma juglandis</i></u>	Dane
Hydrangea	Root Rot	<u><i>Pythium</i> sp.</u>	Door
Lilac (Japanese Tree)	Verticillium Wilt	<u><i>Verticillium</i> sp.</u>	Racine
Oak (Bur)	Anthracnose	<u><i>Discula</i> sp.</u>	Kewaunee
	Tatters	None	Kewaunee
Oak (White)	Anthracnose	<u><i>Discula</i> sp.</u>	Walworth
	Chlorosis	None	Walworth
	Monochaetia Leaf Spot	<u><i>Monochaetia</i> sp.</u>	Walworth
	Tubakia Leaf Spot	<u><i>Tubakia</i> sp.</u>	Walworth
Smokebush	Phomopsis Canker	<u><i>Phomopsis</i> sp.</u>	Dane
FRUIT CROPS			
Apple	Cedar-Apple Rust	<u><i>Gymnosporangium juniperi-virginianae</i></u>	Dane
Blueberry (High Bush)	Phomopsis Canker	<u><i>Phomopsis</i> sp.</u>	Eau Claire
Grape	Black Rot	<u><i>Phyllosticta ampellicida</i></u>	Waupaca
Strawberry	Root/Crown Rot	<u><i>Pythium</i> sp.</u> , <u><i>Fusarium</i> sp.</u>	Bayfield, Clark
HERBACEOUS ORNAMENTALS			
Black-Eyed Susan	Downy Mildew	<u><i>Plasmopara halstedii</i></u>	Wood
	Septoria Leaf Spot	<u><i>Septoria</i> sp.</u>	Portage

Wisconsin Disease Almanac

HERBACEOUS ORNAMENTALS (Continued)			
Clematis	Fusarium Canker	<i>Fusarium</i> sp.	Dane
	Phoma Canker	<i>Phoma</i> sp.	Dane
Lavendar	Diplodia Canker	<i>Diplodia</i> sp.	Brown
Milkweed	Myrothecium Leaf Spot	<i>Myrothecium</i> sp.	Vernon
	Phoma Stem Canker	<i>Phoma</i> sp.	Vernon
Zinnia	Bacterial Leaf Spot	<i>Xanthomonas</i> sp.	Dane
NEEDED WOODY ORNAMENTALS			
Fir (Balsam)	Cytospora Canker	<i>Cytospora</i> sp.	Portage
Juniper	Diplodia Shoot Blight And Canker	<i>Diplodia</i> sp.	La Crosse
Pine (White)	Cytospora Canker	<i>Cytospora</i> sp.	Dane
Spruce (Blue)	Diplodia Shoot Blight and Canker	<i>Diplodia</i> sp.	Waushara
	Spruce Needle Drop	<i>Setomelanomma holmii</i>	Waushara
Spruce (Unspecified)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Dane
	Stigminta Needle Cast	<i>Stigminta</i> sp.	Dane
VEGETABLE CROPS			
Cantaloupe	Verticillium Wilt	<i>Verticillium</i> sp.	Waushara
Cucumber	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv <i>lachrymans</i>	Portage
Pea	Anthracnose	<i>Colletotrichum</i> sp.	Le Sueur (MN)
	Bacterial Blight	<i>Pseudomonas syringae</i> pv. <i>pisii</i>	Le Sueur (MN)
	Rhizoctonia Root Rot	<i>Rhizoctonia</i> sp.	Le Sueur (MN)
Potato	Black Dot	<i>Colletotrichum coccodes</i>	Dubuque (IA)
	Early Blight	<i>Alternaria solani</i>	Dane
	Verticillium Wilt	<i>Verticillium</i> sp.	Kankakee (IL)
Pumpkin	Fusarium Crown And Foot Rot	<i>Fusarium</i> sp.	Dubuque (IA)
Tomato	Early Blight	<i>Alternaria solani</i>	Dane
	Powdery Mildew	<i>Oidium</i> sp.	Dane
	Septoria Leaf Spot	<i>Septoria lycopersici</i>	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.