

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	<i>Erwinia amylovora</i>	Washington
Elm (Unspecified)	Dutch Elm Disease	<i>Ophiostoma</i> sp.	Dane
	Septoria Leaf Spot	<i>Septoria</i> sp.	Bayfield
Hickory (Unspecified)	Downy Leaf Spot	<i>Microstroma juglandis</i>	Dane
Hydrangea	Root Rot	<i>Pythium</i> sp.	Door
Lilac (Japanese Tree)	Verticillium Wilt	<i>Verticillium</i> sp.	Racine
Oak (Bur)	Anthracnose	<i>Discula</i> sp.	Kewaunee
	Tatters	None	Kewaunee
Oak (White)	Anthracnose	<i>Discula</i> sp.	Walworth
	Chlorosis	None	Walworth
	Monochaetia Leaf Spot	<i>Monochaetia</i> sp.	Walworth
	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Walworth
Smokebush	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
FIELD CROPS			
Soybean	Brown Spot	<i>Septoria glycines</i>	Clark
	Fusarium Root Rot	<i>Fusarium</i> sp.	Winnebago
	Phyllosticta Leaf Spot	<i>Phyllosticta sojicola</i>	Clark
	Phytophthora Root And Stem Rot	<i>Phytophthora</i> sp.	Winnebago, Clark
	Pythium Root Rot	<i>Pythium</i> sp.	Clark, Washington, Winnebago
FRUIT CROPS			
Apple	Cedar-Apple Rust	<i>Gymnosporangium juniperi-virginianae</i>	Dane

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FRUIT CROPS (Continued)			
Blueberry (High Bush)	Phomopsis Canker	<i>Phomopsis</i> sp.	Eau Claire
Grape	Black Rot	<i>Phyllosticta ampelicida</i>	Waupaca
Strawberry	Root/Crown Rot	<i>Pythium</i> sp., <i>Fusarium</i> sp.	Bayfield, Clark
HERBACEOUS ORNAMENTALS			
Black-Eyed Susan	Downy Mildew Septoria Leaf Spot	<i>Plasmopara halstedii</i> <i>Septoria</i> sp.	Wood Portage
Clematis	Fusarium Canker Phoma Canker	<i>Fusarium</i> sp. <i>Phoma</i> sp.	Dane Dane
Lavendar	Diplodia Canker	<i>Diplodia</i> sp.	Brown
Milkweed	Myrothecium Leaf Spot Phoma Stem Canker	<i>Myrothecium</i> sp. <i>Phoma</i> sp.	Vernon 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 Spruce Needle Drop	<i>Diplodia</i> sp. <i>Setomelanomma holmii</i>	Waushara Waushara
Spruce (Unspecified)	Rhizosphaera Needle Cast Stigmata Needle Cast	<i>Rhizosphaera kalkhoffii</i> <i>Stigmata</i> sp.	Dane 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	Anthraxose Bacterial Blight Rhizoctonia Root Rot	<i>Colletotrichum</i> sp. <i>Pseudomonas syringae</i> pv. <i>psi</i> <i>Rhizoctonia</i> sp.	Le Sueur (MN) Le Sueur (MN) Le Sueur (MN)

VEGETABLE CROPS (Continued)			
Potato	Black Dot Early Blight Verticillium Wilt	<u>Colletotrichum coccodes</u> <u>Alternaria solani</u> <u>Verticillium sp.</u>	Dubuque (IA) Dane Kankakee (IL)
Pumpkin	Fusarium Crown And Foot Rot	<u>Fusarium sp.</u>	Dubuque (IA)
Tomato	Early Blight Powdery Mildew Septoria Leaf Spot	<u>Alternaria solani</u> <u>Oidium sp.</u> <u>Septoria lycopersici</u>	Dane Dane 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.