

## UW-Madison/Extension Plant Disease Diagnostic Clinic (PDDC) Update

Brian Hudelson, Sue Lueloff, John Lake and Ann Joy

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 11, 2018 through August 17, 2018.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD LEAFED WOODY ORNAMENTALS</b>			
Boxwood	Fusarium Canker Volutella Blight/Canker	<i>Fusarium</i> sp. <i>Volutella</i> sp.	Dane Dane
Cotoneaster	Diplodia Leaf Spot	<i>Diplodia</i> sp.	Bayfield
Crabapple (Sargent)	Diplodia Canker Phomopsis Canker	<i>Diplodia</i> sp. <i>Phomopsis</i> sp.	Milwaukee Milwaukee
Elm (American)	Septoria Leaf Spot	<i>Septoria</i> sp.	Bayfield
Hickory	Downy Leaf Spot	<i>Microstroma juglandis</i>	Dane
Maple (Red)	Anthracnose Chlorosis	<i>Discula</i> sp. None	Dane Dane
Oak (Unspecified)	Oak Wilt	<i>Bretziella fagacearum</i>	Washburn
<b>FIELD CROPS</b>			
Soybean	Fusarium Root Rot Phytophthora Root and Stem Rot Pythium Root Rot	<i>Fusarium</i> sp. <i>Phytophthora</i> sp. <i>Pythium</i> sp.	Chippewa Chippewa Chippewa
<b>FRUIT CROPS</b>			
Apple (Unspecified)	Sooty Mold	Unspecified Sooty Mold Fungus	Ozaukee
Apple (Cortland)	Apple Scab	<i>Venturia inaequalis</i>	Green
Apple (Golden Delicious)	Cedar-Apple Rust	<i>Gymnosporangium juniperi-virginianae</i>	Green
Apple (Honeycrisp)	Honeycrisp Leaf Chlorosis	None	Green
Apple (Honeygold)	Necrotic Leaf Blotch	None	Green
Peach	Bacterial Canker	<i>Pseudomonas syringae</i>	Fond du Lac

# Wisconsin Disease Almanac

<b>HERBACEOUS ORNAMENTALS</b>			
Aster (Calico)	Anthracnose <i>Root Rot</i>	<i>Colletotrichum</i> sp. <i>Fusarium</i> sp.	Rock Rock
Aster (Heath)	<i>Root Rot</i>	<i>Rhizoctonia</i> sp.	Rock
Aster (Sky-Blue)	<i>Root Rot</i>	<i>Rhizoctonia</i> sp.	Rock
Black-Eyed Susan (Maya)	<i>Aster Yellows</i>	<i>Aster Yellows phytoplasma</i>	Mchenry (IL)
Golden Rod (Showy)	<i>Root Rot</i>	<i>Rhizoctonia</i> sp.	Rock
St. John's Wort (Giant)	<i>Root Rot</i>	<i>Rhizoctonia</i> sp.	Rock
Petunia	<i>Gray Mold/Botrytis Blight</i>	<i>Botrytis cinerea</i>	Dane
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	<i>Cytospora Canker</i> <i>Phyllosticta Needle Blight</i>	<i>Cytospora</i> sp. <i>Phyllosticta</i> sp.	Washburn Washburn
Fir (Balsam)	<i>Cytospora Canker</i> <i>Rhizosphaera Needle Cast</i> <i>Root Rot</i>	<i>Cytospora</i> sp. <i>Rhizosphaera</i> sp. <i>Fusarium</i> sp.	Barron, Vilas Barron, Vilas Marinette
Fir (Canaan)	<i>Phomopsis Canker</i> <i>Root Rot</i>	<i>Phomopsis</i> sp. <i>Fusarium</i> sp.	Marinette Marinette
Fir (Fraser)	<i>Root Rot</i>	<i>Fusarium</i> sp.	Marinette
Fir (Unspecified)	<i>Rhizosphaera Needle Cast</i>	<i>Rhizosphaera</i> sp.	Bayfield
Pine (Austrian)	<i>Diplodia Shoot Blight and Canker</i>	<i>Diplodia</i> sp.	Dane
Pine (White)	<i>Diplodia Canker</i>	<i>Diplodia</i> sp.	Dane
Spruce (Black Hills)	<i>Cytospora Canker</i> <i>Rhizosphaera Needle Cast</i>	<i>Leucocytospora kunzei</i> <i>Rhizosphaera kalkhoffii</i>	Dane Dane
<b>VEGETABLE CROPS</b>			
Beet	<i>Cercospora Leaf Spot</i>	<i>Cercospora</i> sp.	Crawford
Brussels Sprouts	<i>Black Rot</i>	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Vernon
	<i>Black Speck</i>	None	Vernon
Carrot	<i>Alternaria Leaf Blight</i>	<i>Alternaria dauci</i>	Crawford
Crucifer (Unidentified)	<i>Black Rot</i>	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Marathon
Cucumber	<i>Ascochyta Leaf Spot</i>	<i>Ascochyta</i> sp.	Crawford

<b>VEGETABLE CROPS (Continued)</b>			
Eggplant	<a href="#">Verticillium Wilt</a>	<u>Verticillium</u> sp.	Crawford
Potato	<a href="#">Early Blight</a> <a href="#">Late Blight</a>	<u>Alternaria solani</u> <u>Phytophthora infestans</u>	Portage Adams
Snap Beans	Aphanomyces Root Rot Pythium Root Rot	<u>Aphanomyces euteiches</u> <u>Pythium</u> sp.	Waushara Waushara
Squash (Yellow)	<a href="#">Blossom End Rot</a> Pythium Cottony Leak	None <u>Pythium</u> sp.	Waushara Waushara
Tomato	<a href="#">Septoria Leaf Spot</a>	<u>Septoria lycopersici</u>	Green Lake
<b>SPECIALTY CROPS</b>			
Hop (Southern Cross)	Fusarium Canker	<u>Fusarium</u> sp.	Dodge
Hop (Tahoma)	Phoma Wilt	<u>Phoma</u> sp.	Dodge
Hop (Unspecified)	Phoma Wilt	<u>Phoma</u> sp.	Portage
Tobacco (Unspecified)	Weather Fleck	None	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.