

## 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 11, 2018 through August 17, 2018.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD LEAFED WOODY ORNAMENTALS</b>			
Boxwood	Fusarium Canker	<i>Fusarium</i> sp.	Dane
	Volutella Blight/Canker	<i>Volutella</i> sp.	Dane
Cotoneaster	Diplodia Leaf Spot	<i>Diplodia</i> sp.	Bayfield
Crabapple (Sargent)	Diplodia Canker	<i>Diplodia</i> sp.	Milwaukee
	Phomopsis Canker	<i>Phomopsis</i> sp.	Milwaukee
Elm (American)	Septoria Leaf Spot	<i>Septoria</i> sp.	Bayfield
Hickory	Downy Leaf Spot	<i>Microstroma juglandis</i>	Dane
Maple (Red)	Anthracnose	<i>Discula</i> sp.	Dane
	Chlorosis	None	Dane
Oak (Unspecified)	Oak Wilt	<i>Bretziella fagacearum</i>	Washburn
<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
<b>HERBACEOUS ORNAMENTALS</b>			
Aster (Calico)	Anthracnose	<i>Colletotrichum</i> sp.	Rock
	Root Rot	<i>Fusarium</i> sp.	Rock
Aster (Heath)	Root Rot	<i>Rhizoctonia</i> sp.	Rock
Aster (Sky-Blue)	Root Rot	<i>Rhizoctonia</i> sp.	Rock

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

VEGETABLE CROPS (Continued)			
Snap Beans	<i>Aphanomyces</i> Root Rot	<i>Aphanomyces euteiches</i>	Waushara
	<i>Pythium</i> Root Rot	<i>Pythium</i> sp.	Waushara
Squash (Yellow)	<i>Blossom End Rot</i>	None	Waushara
	<i>Pythium</i> Cottony Leak	<i>Pythium</i> sp.	Waushara
Tomato	<i>Septoria</i> Leaf Spot	<i>Septoria lycopersici</i>	Green Lake

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.