



Extension

UNIVERSITY OF WISCONSIN-MADISON

## 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 10, 2019 through August 16, 2019.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD LEAFED WOODY ORNAMENTALS</b>			
Basswood	Herbicide Damage Phomopsis Canker Sphaeropsis Canker	None <i>Phomopsis</i> sp. <i>Sphaeropsis</i> sp.	Crow Wing (MN) Crow Wing (Mn) Crow Wing (MN)
Beech	<a href="#">Anthracnose</a>	<i>Gloeosporium</i> sp.	Dane
Boxwood	Fusarium Canker Volutella Canker	<i>Fusarium</i> sp. <i>Volutella</i> sp.	Dane Dane
Cotoneaster	Diplodia Canker Phomopsis Canker	<i>Diplodia</i> sp. <i>Phomopsis</i> sp.	Milwaukee Milwaukee
Crabapple	<a href="#">Apple Scab</a> <a href="#">Cedar-Apple Rust</a>  Cytospora Canker Diplodia Canker Phomopsis Canker	<i>Venturia inaequalis</i> <i>Gymnosporangium juniperi-virginianae</i>  <i>Cytospora</i> sp. <i>Diplodia</i> sp. <i>Phomopsis</i> sp.	Dane, Milwaukee Milwaukee  Dane Milwaukee Dane
Lilac	Phomopsis Canker <a href="#">Powdery Mildew</a> <a href="#">Root Rot</a> Septoria Leaf Spot Wood Rot	<i>Phomopsis</i> sp. <i>Oidium</i> sp. <i>Pythium</i> sp. <i>Septoria</i> sp. Unidentified wood rot fungus	Monroe Vernon Monroe Vernon Vernon
Maple (Silver)	<a href="#">Anthracnose</a>	<i>Discula</i> sp.	Portage
Maple (Unspecified)	Cytospora Canker <a href="#">Anthracnose</a>	<i>Cytospora</i> sp. <i>Discula</i> sp.	Dane Dane
Oak (Bur)	<a href="#">Bur Oak Blight</a>	<i>Tubakia iowensis</i>	Dane
Oak (Northern Pin)	<a href="#">Chlorosis</a>	None	Douglas
Oak (Red)	<a href="#">Chlorosis</a>	None	Washington



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<b>BROAD LEAFED WOODY ORNAMENTALS (Continued)</b>			
Oak (White)	Chlorosis	None	Dane
Oak (Swamp White)	Anthraco nose	<i>Discula</i> sp.	Dane
Oak (Unspecified)	Anthraco nose	<i>Discula</i> sp.	Rock
	Chlorosis	None	Dodge
<b>FRUIT CROPS</b>			
Apple	Apple Scab	<i>Venturia inaequalis</i>	Waukesha
	Cedar-Apple Rust	<i>Gymnosporangium juniperi-virginianae</i>	Waukesha
	Chlorosis	None	Waukesha
	Diplodia Canker	<i>Diplodia</i> sp.	Pierce
	Frogeye Leaf Spot	<i>Botryosphaeria obtusa</i>	Waukesha
Apple	Root Rot	<i>Fusarium oxysporum</i> , <i>Rhizoctonia</i> sp.	Grant
	Cherry (Sweet)	Cherry Leaf Spot	<i>Blumeriella jaapii</i>
Grape	Downy Mildew	<i>Plasmopara viticola</i>	Door
<b>HERBACEOUS ORNAMENTALS</b>			
Lily (Michigan)	Anthraco nose	<i>Colletotrichum</i> sp.	Sauk
	Gray Mold/Botrytis Blight	<i>Botrytis cinerea</i>	Sauk
Milkweed	Unidentified Viral Disease	Unidentified virus	Dane
Sunflower	Septoria Leaf Spot	<i>Septoria</i> sp.	Dane
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp.	Dane
Juniper	Diplodia Canker	<i>Diplodia</i> sp.	Dane
	Phomopsis Tip Blight	<i>Phomopsis juniperovora</i>	Dane
Pine (Austrian)	Diplodia Shoot Blight and Canker	<i>Diplodia</i> sp.	Dane
Pine (Scots)	Diplodia Shoot Blight and Canker	<i>Diplodia</i> sp.	Milwaukee



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<b>NEEDED WOODY ORNAMENTALS (Continued)</b>			
Spruce (Unspecified)	<a href="#">Cytospora Canker</a>	<i>Cytospora kunzei</i>	Door
	Phomopsis Canker	<i>Phomopsis</i> sp.	Door
	<a href="#">Rhizosphaera Needle Cast</a>	<i>Rhizosphaera kalkhoffii</i>	Door, Milwaukee
<b>VEGETABLE CROPS</b>			
Asparagus	Anthracnose	<i>Colletotrichum</i> sp.	Chippewa
Cabbage	<a href="#">Black Rot</a>	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Adams
Cantaloupe	Alternaria Leaf Blight	<i>Alternaria cucumerina</i>	Jackson
Corn (Sweet)	Common Rust	<i>Puccinia sorghi</i>	Lafayette
Cucumber	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Adams
Pepper (Bell)	<a href="#">Blossom End Rot</a>	None	Adams
Potato	<a href="#">Verticillium Wilt</a>	<i>Verticillium</i> sp.	Oneida
Squash (Yellow)	Cottony Leak	<i>Pythium</i> sp.	Waupaca
	Phytophthora Fruit Rot	<i>Phytophthora capsici</i>	Waupaca
Squash (Unspecified)	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Adams
Tomato	<a href="#">Cucumber Mosaic</a>	<i>Cucumber mosaic virus</i>	Dane
	<a href="#">Late Blight</a>	<i>Phytophthora infestans</i>	Vernon
	<a href="#">Septoria Leaf Spot</a>	<i>Septoria lycopersici</i>	Dane
Watermelon	Alternaria Leaf Blight	<i>Alternaria cucumerina</i>	Jackson

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.