



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

Brian Hudelson, Sue Lueloff and Ann Joy

In 2021, the PDDC continues with limited hours and limited sample processing capacity due to COVID-19. [Click here](#) for the PDDC's current submission policy. The PDDC is continuing to provide diagnoses through examination of digital photographs, although in 2021 there will be a **fee** for this service. As in 2020, digital diagnoses will be included in the Wisconsin Disease Almanac. For Almanac entries below, when a digital diagnosis would normally require a lab confirmation, the disease/disorder will be labeled as "suspected". The following diseases/disorders have been identified at the PDDC from July 17, 2021 through July 23, 2021.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD-LEAFED WOODY ORNAMENTALS</b>			
Birch (Japanese White)	Transplant Shock (Suspected)	None	Dane
Birch (River)	<a href="#">Anthracnose</a>	<i>Discula</i> sp.	Washington
	<a href="#">Chlorosis</a>	None	Washington
	Cold Injury (Suspected)	None	Washington
Catalpa	Phyllosticta Leaf Spot	<i>Phyllosticta</i> sp.	Dane
	<a href="#">Verticillium Wilt</a>	<i>Verticillium</i> sp.	Dane
Cotoneaster	Coniothyrium Leaf Spot	<i>Coniothyrium</i> sp.	Dane
Maple (Unspecified)	Girdling Roots (Suspected)	None	Monroe
	Overly Deep Planting	None	Monroe
Oak (Black)	<a href="#">Oak Wilt</a>	<i>Bretziella fagacearum</i>	Marathon
Oak (Bur)	Leaf Blister	<i>Taphrina caerulescens</i>	Dane, Door
	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
	Soil Compaction (Suspected)	None	Price
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
	White Rot	<i>Schizophyllum commune</i>	Price
Oak (Red)	Coryneum Canker	<i>Coryneum</i> sp.	Ozaukee
	<a href="#">Oak Wilt</a>	<i>Bretziella fagacearum</i>	Marathon
Oak (White)	<a href="#">Chlorosis</a>	None	Milwaukee, Waukesha



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<b>BROAD-LEAFED WOODY ORNAMENTALS (Continued)</b>			
Oak (Unspecified)	Anthracnose Chlorosis Monochaetia Leaf Spot Tubakia Leaf Spot	Discula sp. None Monochaetia sp. Tubakia dryina	Milwaukee Milwaukee Milwaukee Milwaukee
<b>FRUIT CROPS</b>			
Apple	Cedar-Apple Rust (Suspected)	Gymnosporangium juniperi-virginianae	St. Croix
Blueberry	Cytospora Canker	Cytospora sp.	Juneau
Currant	Septoria Leaf Spot	Septoria sp.	Buffalo
Elderberry	Rust	Puccinia sambuci	Buffalo
Strawberry	Neopestalotiopsis Crown/Root Rot Phomopsis Leaf Blight	Neopestalotiopsis roasae Phomopsis sp.	Eau Claire Eau Claire
<b>HERBACEOUS ORNAMENTALS</b>			
Big Bluestem	Smut	Anthracoctystis provincialis	Dane
Butterflyweed	Fertility Issues (Suspected)	None	Dane
Cardinal Flower	Cercospora Leaf Spot (Suspected)	Cercospora sp.	Dane
Lavender	Root/Crown Rot	Phytophthora sp., Fusarium sp.	Manitowoc
Milkweed (Common)	Fertility Issues (Suspected)	None	Dane
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	Phyllosticta Needle Blight Root Rot	Phyllosticta sp. Pythium sp., Fusarium sp.	Walworth Walworth
Fir (Concolor)	Phyllosticta Needle Blight	Phyllosticta sp.	Dane
Pine (White)	Diplodia Shoot Blight and Canker	Diplodia sp.	Clark
Spruce (White)	Rhizosphaera Needle Cast Sooty Mold	Rhizosphaera kalkhoffii Miscellaneous sooty mold fungi	Racine Racine

# Wisconsin Horticulture Update



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VEGETABLE CROPS			
Bean (Pole)	Herbicide Damage (Suspected)	None	Dodge
Squash (Unspecified)	Root/Crown Rot	Unspecified root/crown rot pathogens	Dane
	Squash Mosaic (Suspected)	<i>Squash mosaic virus</i>	Dane
Tomato	Herbicide Damage (Suspected)	None	Dane
	Walnut Toxicity (Suspected)	None	Sauk
Watermelon	Syringae Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	Green Lake

To learn more about plant diseases and their control, as well as PDDC educational resources and activities, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu), follow the clinic on Facebook and Twitter @UWPDDC or email [pddc@wisc.edu](mailto:pddc@wisc.edu) to subscribe to the PDDC listserv "UWPDDCLearn".