



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

Brian Hudelson, Sue Lueloff and Ann Joy

The PDDC is now once again accepting physical samples for diagnosis, but due to COVID-19, only with limited hours and limited sample processing capacity. [Click here](#) for the current submission policy. The PDDC is continuing to provide diagnoses through examination of digital photographs. Digital diagnoses have not traditionally been included in the Wisconsin Disease Almanac, because such diagnoses are not verified through lab testing (critical in most situations for a diagnosis to be accurate). However, in an attempt to keep clients as informed as possible, digital diagnoses will be included in the Almanac until normal PDDC operations resume. 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 18, 2020 through July 24, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD LEAFED WOODY ORNAMENTALS</b>			
Birch (White)	<a href="#">Chlorosis</a> Improper Location Septoria Leaf Spot Water Stress (Suspected)	None None <i>Septoria betulae</i> None	Winnebago Winnebago Waukesha Winnebago
Birch (Unspecified)	<a href="#">Chlorosis</a>	None	Oneida, Washington
Chokecherry	<a href="#">Anthracnose</a> Coryneum Blight/Shot-Hole (Suspected)	<i>Gloeosporium</i> sp. <i>Stigmata carophila</i>	Racine Racine
Crabapple	<a href="#">Apple Scab</a> (Suspected) <a href="#">Cedar-Apple Rust</a>  <a href="#">Fire Blight</a> (Suspected) Girdling Roots <a href="#">Gymnosporangium Rust</a>  <a href="#">Lichens</a> Overly Deep Planting	<i>Venturia inaequalis</i> <i>Gymnosporangium juniperi-virginianae</i>  <i>Erwinia amylovora</i> None <i>Gymnosporangium</i> sp.  None None	Dane, Forest Dane  Waukesha Dunn  Dane, Ozaukee, Waukesha  Dunn, Forest Dunn
Dogwood (Unspecified)	<a href="#">Herbicide Damage</a> (Suspected)	None	Lincoln
Elm (Unspecified)	<a href="#">Dutch Elm Disease</a> (Suspected)	<i>Ophiostoma</i> sp.	Green



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Honeylocust	Thyronectria Canker (Suspected)	<i>Thyronectria austroamericana</i>	Washington
Horse-Chestnut	Butt Rot (Suspected) Guignardia Leaf Blotch (Suspected)	<i>Ganoderma</i> sp. <i>Guignardia aesculi</i>	Milwaukee Milwaukee
Lilac (Unspecified)	<a href="#">Powdery Mildew</a> Septoria Leaf Spot (Suspected)	<i>Oidium</i> sp. <i>Septoria</i> sp.	La Crosse Dane, La Crosse
Magnolia	Cold Injury (Suspected)	None	Dane
Maple (Korean)	<a href="#">Verticillium Wilt</a> (Suspected)	<i>Verticillium</i> sp.	Dane
Maple (Sugar)	Frost Crack Girdling Roots (Suspected) Overly Deep Planting Wood Rot (Suspected)	None None None Unspecified wood rot fungus	Rusk Rusk Rusk Rusk
Maple (Unspecified)	<a href="#">Anthracnose</a> <a href="#">Anthracnose</a> (Suspected) Cytospora Canker Girdling Roots Sphaeropsis Canker	<i>Discula</i> sp. <i>Discula</i> sp. <i>Cytospora</i> sp. None <i>Sphaeropsis</i> sp.	Waukesha Brown Marathon Rock Marathon
Ninebark ('Diablo')	<a href="#">Powdery Mildew</a>	<i>Oidium</i> sp.	Waukesha
Oak (Bur)	<a href="#">Anthracnose</a> (Suspected)	<i>Discula</i> sp.	Vernon
Oak (Pin)	<a href="#">Chlorosis</a>	None	Dane
Oak (Red)	<a href="#">Anthracnose</a> (Suspected)	<i>Discula</i> sp.	Dane
Oak (White)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
Oak (Unspecified)	<a href="#">Anthracnose</a> (Suspected) <a href="#">Chlorosis</a> <a href="#">Chlorosis</a> (Suspected) <a href="#">Oak Wilt</a> Water Stress (Suspected)	<i>Discula</i> sp. None None <i>Bretziella fagacearum</i> None	Dane Outagamie, Winnebago Racine Adams Marshall (SD)
Rose	<a href="#">Black Spot</a> (Suspected)	<i>Marssonina rosae</i>	La Crosse
Sumac	<a href="#">Verticillium Wilt</a> (Suspected)	<i>Verticillium</i> sp.	Waukesha



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FIELD CROPS			
Corn	Fungal Leaf Spot (Suspected)	Unspecified leaf spot fungus	Lafayette
	Water Stress (Suspected)	None	Lafayette
Soybean	Cercospora Leaf Blight	<i>Cercospora kikuchii</i>	Jefferson
FORAGE CROPS			
Alfalfa	Aphanomyces Root Rot	<i>Aphanomyces euteiches</i>	Sauk
	Charcoal Rot	<i>Macrophomina phaseolina</i>	Sauk
	Fusarium Root/Crown Rot	<i>Fusarium oxysporum</i>	Sauk
	Phytophthora Root Rot	<i>Phytophthora</i> sp.	Sauk
FRUIT CROPS			
Apple (Unspecified)	Cedar-Apple Rust	<i>Gymnosporangium juniperi-virginianae</i>	Lafayette
	Fire Blight	<i>Erwinia amylovora</i>	Pierce
	Frogeye Leaf Spot	<i>Botryosphaeria obtusa</i>	Ozaukee
	Nectria Canker	<i>Tubercularia</i> sp./ <i>Nectria</i> sp.	Pierce
	Russetting	None	Waushara
	Water Stress (Suspected)	None	McHenry (IL)
Apricot	Prunus Necrotic Ringspot (Suspected)	<i>Prunus necrotic ringspot virus</i>	Dane
Cherry	Bacterial Canker (Suspected)	<i>Pseudomonas syringae</i>	Milwaukee
HERBACEOUS ORNAMENTALS			
Aster (Unspecified)	Aster Rust	Unidentified rust fungus	Dane
Dahlia	Phyllosticta Leaf Spot/ Blight	<i>Phyllosticta</i> sp.	Dane
Hosta	Southern Blight	<i>Sclerotium rolfsii</i>	Dane
Sunflower	White Mold (Suspected)	<i>Sclerotinia sclerotiorum</i>	Dane
HOUSEPLANTS			
Pothos	Bacterial Leaf Spot (Suspected)	<i>Pseudomonas cichorii</i>	Racine
NEEDED WOODY ORNAMENTALS			
Juniper	Phomopsis Tip Blight (Suspected)	<i>Phomopsis juniperovora</i>	Racine



NEEDED WOODY ORNAMENTALS (Continued)			
Pine (Austrian)	Diplodia Shoot Blight and Canker (Suspected)	<i>Diplodia</i> sp.	Brown, Dane
	Dothistroma Needle Blight (Suspected)	<i>Dothistroma pini</i>	Brown
Pine (Red)	Diplodia Shoot Blight and Canker (Suspected)	<i>Diplodia</i> sp.	Dane
Pine (White)	Girdling Roots (Suspected)	None	Racine
	Improper Planting (Suspected)	None	Racine
	Overly Deep Planting	None	Racine
	Sapsucker Damage	None	Milwaukee
Spruce (Black Hills)	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Waukesha
Spruce (Unspecified)	Cytospora Canker (Suspected)	<i>Cytospora kunzei</i>	Eau Claire
VEGETABLE CROPS			
Cabbage	Yellows	<i>Fusarium oxysporum</i>	Price
Cucumber	Cottony Leak	<i>Pythium</i> sp.	Adams
Onion	Purple Blotch	<i>Alternaria porri</i>	Marquette
	Stemphylium Leaf Blight	<i>Stemphylium</i> sp.	Marquette
Parsley	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungus/water mold	Crawford
Pepper	Bacterial Spot (Suspected)	<i>Xanthomonas</i> sp.	Dane
Potato	Black Leg	<i>Dickeya dianthicola</i> , <i>Pectobacterium parmentieri</i>	Waushara
Squash (Unspecified)	Heat Stress (Suspected)	None	Waukesha
Tomato	Early Blight (Suspected)	<i>Alternaria solani</i>	Washington
	Septoria Leaf Spot (Suspected)	<i>Septoria lycopersici</i>	Dane, Milwaukee, Washington
	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Zucchini (Unspecified)	Root Rot	<i>Fusarium</i> sp.	Waushara
	Virus Disease (Suspected)	Unidentified virus	Waushara

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SPECIALTY CROPS			
Hemp (Industrial)	<a href="#">Downy Mildew</a> (Suspected)	<i>Pseudoperonospora</i> sp.	Shawano
MISCELLANEOUS			
Mushroom ID	Puffball	None	Eau Claire

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".