



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

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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 4, 2020 through July 10, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD LEAFED WOODY ORNAMENTALS</b>			
Birch (White)	<a href="#">Chlorosis</a>	None	Dane
Boxwood	Fusarium Canker Volutella Canker	<i>Fusarium</i> sp. <i>Volutella</i> sp.	Waukesha Waukesha
Buckeye (Bottlebrush)	<a href="#">Chlorosis</a>	None	Waukesha
Catalpa	Wind Damage (Suspected)	None	Winnebago
Crabapple	<a href="#">Apple Scab</a> <a href="#">Apple Scab</a> (Suspected) <a href="#">Fire Blight</a> <a href="#">Fire Blight</a> (Suspected) <a href="#">Gymnosporangium Rust</a>	<i>Venturia inaequalis</i> <i>Venturia inaequalis</i> <i>Erwinia amylovora</i> <i>Erwinia amylovora</i> <i>Gymnosporangium</i> sp.	Waukesha Portage Sauk Racine Dane
Dogwood (Pagoda)	Fertility Issues (Suspected)	None	Brown
Hawthorn	<a href="#">Cedar-Quince Rust</a> Phomopsis Leaf Blight	<i>Gymnosporangium clavipes</i> <i>Phomopsis</i> sp.	Waukesha Waukesha
Lilac	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Waukesha
Linden	<a href="#">Verticillium Wilt</a> (Suspected)	<i>Verticillium</i> sp.	Brown
Magnolia	<a href="#">Sooty Mold</a>	Miscellaneous sooty mold fungi	Dane



BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Maple (Freeman)	Bacterial Wetwood (Suspected)	Miscellaneous bacteria	Pierce
	Sun Scald (Suspected)	None	Pierce
Maple (Japanese)	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
	Transplant Shock (Suspected)	None	Dane
Maple (Silver)	Anthracnose (Suspected)	<i>Discula</i> sp.	Door, St. Croix
	Tar Spot	<i>Rhytisma americana</i>	Waukesha
	Water Stress (Suspected)	None	Portage
Maple (Unspecified)	Canker Disease	Unspecified canker fungus	Calumet
	Frost Crack	None	Calumet
	Girdling Roots (Suspected)	None	Calumet, Dane
	Overly Deep Planting	None	Calumet, Dane
	Wood Rot (Suspected)	Unspecified wood rot fungus	Calumet
Oak (Bur)	Oak Leaf Blister	<i>Taphrina caerulescens</i>	Waukesha
Oak (Red)	Oak Wilt	<i>Bretziella fagacearum</i>	Dane
Oak (Unspecified)	Anthracnose	<i>Discula</i> sp.	Dane
	Anthracnose (Suspected)	<i>Discula</i> sp.	Waukesha, Waupaca
	Chlorosis	None	Waukesha
	Oak Leaf Blister	<i>Taphrina caerulescens</i>	Dane
	Oak Leaf Blister (Suspected)	<i>Taphrina caerulescens</i>	Brown
	Oak Wilt (Suspected)	<i>Bretziella fagacearum</i>	Brown
	Phyllosticta Leaf Spot	<i>Phyllosticta</i> sp.	Dane
	Tatters	None	Columbia, Dane
	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Dane
Tubakia Leaf Spot (Suspected)	<i>Tubakia dryina</i>	Waukesha	
Pear (Ornamental)	Fungal Leaf Spot (Suspected)	Unspecified leaf spot fungus	Brown
	Girdling Roots (Suspected)	None	Dane
	Overly Deep Planting	None	Dane



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Redbud	<a href="#">Nectria Canker</a>	<i>Nectria</i> sp.	Dane
Serviceberry	Fertility Issues (Suspected)	None	Dane
Spirea	Chemical Damage (Suspected)	None	Waukesha
	Phyllosticta Leaf Spot	<i>Phyllosticta</i> sp.	Waukesha
FIELD CROPS			
Corn	Seedling Blight	<i>Fusarium graminearum</i>	Chippewa
Soybean	Fusarium Root Rot	<i>Fusarium graminearum</i> , <i>Fusarium oxysporum</i>	Kewaunee
	<a href="#">Phytophthora Root And Stem Rot</a>	<i>Phytophthora</i> sp.	Kewaunee
	<a href="#">Phytophthora Root And Stem Rot (Suspected)</a>	<i>Phytophthora</i> sp.	Grant
FORAGE CROPS			
Alfalfa	<a href="#">Aphanomyces Root Rot</a>	<i>Aphanomyces euteiches</i>	Lafayette
	Root/Crown Rot	<i>Fusarium oxysporum</i>	Lafayette
FRUIT CROPS			
Apple	<a href="#">Apple Scab (Suspected)</a>	<i>Venturia inaequalis</i>	Green
	<a href="#">Gymnosporangium Rust</a>	<i>Gymnosporangium</i> sp.	Green
	Honeycrisp Leaf Mottle	None	Brown
	<a href="#">Powdery Mildew (Suspected)</a>	<i>Oidium</i> sp.	Winnebago
Apricot	<a href="#">Bacterial Canker (Suspected)</a>	<i>Pseudomonas syringae</i>	Green
Cherry	Cherry Leaf Spot (Suspected)	<i>Blumeriella jaapii</i>	La Crosse, Ozaukee, Sheboygan
	Fertility Issues (Suspected)	None	La Crosse
Grape	Anthracoese (Suspected)	<i>Sphaceloma ampelinum</i>	Winnebago
Peach	<a href="#">Bacterial Canker (Suspected)</a>	<i>Pseudomonas syringae</i>	Green
Raspberry	<a href="#">Gray Mold/Botrytis Blight (Suspected)</a>	<i>Botrytis cinerea</i>	Dane
	Transplant Shock (Suspected)	None	Dane, Monroe
	Water Stress (Suspected)	None	Monroe

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HERBACEOUS ORNAMENTALS			
Hosta	<a href="#">Hosta Virus X</a>	Hosta virus x	Taylor
NEEDED WOODY ORNAMENTALS			
Arborvitae	Excessive Shading (Suspected)	None	Waukesha
	<a href="#">Phyllosticta Needle Blight</a> (Suspected)	<i>Phyllosticta</i> sp	Milwaukee
Fir (White)	<a href="#">Phyllosticta Needle Blight</a>	<i>Phyllosticta</i> sp.	Waukesha
Pine (Scots)	<a href="#">Diplodia Shoot Blight And Canker</a> (Suspected)	<i>Diplodia</i> sp.	Kewaunee
Spruce (Unspecified)	Canker Disease (Suspected)	Unspecified canker fungus	Dane
	<a href="#">Cytospora Canker</a> (Suspected)	<i>Cytospora kunzei</i>	Eau Claire
	Fertility Issues (Suspected)	None	Marathon
	<a href="#">Rhizosphaera Needle Cast</a> (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Eau Claire, Portage
	Transplant Shock (Suspected)	None	Dane
VEGETABLE CROPS			
Cabbage	<a href="#">Damping-Off</a>	<i>Pythium</i> sp.	Marinette
Celery	Anthracnose (Suspected)	<i>Colletotrichum acutatum</i>	Portage
Tomato	Bacterial Canker (Suspected)	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Buffalo, Dane
	<a href="#">Blossom End Rot</a>	None	Buffalo
	<a href="#">Cucumber Mosaic</a>	<i>Cucumber mosaic virus</i>	Dodge
	<a href="#">Herbicide Damage</a> (Suspected)	None	Dodge
	<a href="#">Powdery Mildew</a>	<i>Oidium</i> sp.	Dane
	Tomato Spotted Wilt (Suspected)	<i>Tomato spotted wilt virus</i>	Dane
	Virus Disease	Unspecified plant virus	Milwaukee
<a href="#">Walnut Toxicity</a> (Suspected)	None	Dane	
Zucchini	<a href="#">Bacterial Wilt</a> (Suspected)	<i>Erwinia tracheiphila</i>	Dane

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MISCELLANEOUS			
Tree ID	Boxelder	None	Waukesha
	Maple (Silver)	None	Waukesha
	Mulberry	None	Waukesha

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".