



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 June 27, 2020 through July 3, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD LEAFED WOODY ORNAMENTALS</b>			
Boxwood	Fusarium Canker Volutella Canker	<i>Fusarium</i> sp. <i>Volutella</i> sp.	Waukesha Milwaukee, Waukesha
Cherry (Black)	Coryneum Blight/Shot-Hole (Suspected)	<i>Stigmina carpophila</i>	Dane
Crabapple	<a href="#">Apple Scab</a> <a href="#">Apple Scab</a> (Suspected) <a href="#">Cedar-Apple Rust</a> <a href="#">Fire Blight</a> (Suspected) <a href="#">Gymnosporangium Rust</a> (Suspected)	<i>Venturia inaequalis</i> <i>Venturia inaequalis</i> <i>Gymnosporangium juniper-virginianae</i> <i>Erwinia amylovora</i> <i>Gymnosporangium</i> sp.	Milwaukee Waukesha Milwaukee Marathon Waukesha
Dogwood (Pagoda)	Improper Siting (Suspected) Water Stress (Suspected)	None None	Price Price
Elderberry	Elderberry Rust <a href="#">Verticillium Wilt</a> (Suspected)	<i>Puccinia sambuci</i> <i>Verticillium</i> sp.	Sheboygan Dane
Forsythia	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Door
Ginkgo	Scorch Transplant Shock (Suspected)	Undetermined None	Racine Ozaukee



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Ginkgo	Winter Injury (Suspected)	None	Ozaukee
Hawthorn	<a href="#">Anthracnose</a> (Suspected) <a href="#">Gymnosporangium Rust</a>	<i>Gloeosporium</i> sp. <i>Gymnosporangium</i> sp.	Racine Racine
Hibiscus	<a href="#">Crown Rot</a> Winter Injury (Suspected)	<i>Fusarium</i> sp. None	Dane Dane
Honeylocust	Girdling Roots (Suspected) Thyronectria Canker	None <i>Thyronectria austroamericana</i>	Waukesha Waukesha
Honeysuckle (Vine)	<a href="#">Herbicide Damage</a> (Suspected)	None	Portage
Lilac	Lilac Leaf Chlorosis (Suspected)	<i>Lilac leaf chlorosis virus</i>	Brown
Maple (Unspecified)	<a href="#">Anthracnose</a> (Suspected)  Canker Disease Fertility/Soil pH Issues (Suspected) Frost Crack Girdling Root (Suspected)  Heart Rot Overly Deep Planting  Overly Deep Planting (Suspected) Scorch Sunburn (Suspected) <a href="#">Tatters</a> <a href="#">Verticillium Wilt</a> (Suspected) <a href="#">Xylaria Root Rot/</a> <a href="#">Dead Man's Fingers</a>	<i>Discula</i> sp.  Unspecified canker fungus None None None  Unspecified heart rot fungus None None None None None <i>Verticillium</i> sp. <i>Xylaria</i> sp.	Marathon, Rock Sauk Sauk Grant Grant, Ozaukee, Sauk, Winnebago, Unknown (MN) Grant Ozaukee, Sauk, Unknown (MN) Grant Unknown (MN) Winnebago Grant Marathon Ozaukee



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Maple (Silver)	<a href="#">Anthracnose</a> (Suspected)	<i>Discula</i> sp.	Door, Rock
Oak (Bur)	<a href="#">Anthracnose</a> (Suspected) <a href="#">Herbicide Damage</a> (Suspected)	<i>Discula</i> sp. None	Waukesha Fond du Lac
Oak (Red)	<a href="#">Oak Wilt</a>	<i>Bretziella fagacearum</i>	Green
Oak (White)	Smooth Patch (Suspected)	<i>Aleurodiscus oakesii</i>	Walworth
Oak (Unspecified)	<a href="#">Anthracnose</a> (Suspected) <a href="#">Chlorosis</a>  Heart Rot  <a href="#">Oak Wilt</a> (Suspected) <a href="#">Tatters</a>	<i>Discula</i> sp. None  Unspecified heart rot fungus  <i>Bretziella fagacearum</i> None	Dunn Dunn, Door, Grant, Outagamie Grant Outagamie Dunn
Pear (Ornamental)	Girdling Roots (Suspected) Overly Deep Planting (Suspected)	None None	Ozaukee Ozaukee
Serviceberry	Fertility Issues (Suspected) <a href="#">Powdery Mildew</a>	None <i>Podosphaera clandestine</i>	Waukesha Waukesha
FIELD CROPS			
Barley	Net Blotch	<i>Drechslera teres</i>	Dane
Corn	Eyespot (Suspected) Seedling Blight	<i>Kabatiella zaeae</i> <i>Fusarium</i> sp.	Dane Lafayette
Oats	Head Blight	<i>Bipolaris sorokiniana</i> , <i>Drechslera avenacea</i>	Dane
Soybean	Herbicide Damage	None	Sauk
FRUIT CROPS			
Apple	Canker Disease <a href="#">Gymnosporangium Rust</a> <a href="#">Lichens</a>	Unspecified canker fungus <i>Gymnosporangium</i> sp. None	Dunn Monroe Shawano
Cherry	Prunus Necrotic Ringspot (Suspected)	<i>Prunus necrotic ringspot</i> <i>virus</i>	Marathon
Grape	<a href="#">Downy Mildew</a> (Suspected) Fertility Issues (Suspected)	<i>Plasmopara viticola</i> None	Ozaukee Ozaukee



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<b>FRUIT CROPS (Continued)</b>			
Pawpaw	Cold Injury (Suspected)	None	Dane
Peach	Bacterial Canker (Suspected)	<i>Pseudomonas syringae</i>	Kenosha
	Peach Leaf Curl	<i>Taphrina deformans</i>	Kenosha
Pear	Pear Scab (Suspected)	<i>Venturia pirina</i>	Dane, Waupaca
Raspberry (Unspecified)	Root/Crown Rot (Suspected)	Unspecified root rot fungi/water molds	Brown
<b>HERBACEROUS ORNAMENTALS</b>			
Borage	Root/Crown Rot (Suspected)	Unspecified root rot fungi/water molds	Columbia
Hosta	Hosta Virus X (Suspected)	<i>Hosta virus X</i>	La Crosse
Lamia	Root/Crown Rot (Suspected)	Unspecified root rot fungi/water molds	Dane
Sunflower	Alternaria Leaf Blight (Suspected)	<i>Alternaria</i> sp.	Marathon
<b>HOUSEPLANTS</b>			
African Violet	Impatiens Necrotic Spot	<i>Impatiens necrotic spot virus</i>	Outagamie
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	Salt Damage (Suspected)	None	Chippewa
False Cypress	Transplant Shock (Suspected)	None	Racine
	Winter Burn (Suspected)	None	Racine
Fir (Concolor)	Excessive Shading	None	Waukesha
	Overcrowding	None	Waukesha
Pine (Scots)	Salt Damage (Suspected)	None	Waukesha
Pine (White)	Canker Disease Nectria Canker (Suspected)	Unspecified canker fungus <i>Nectria</i> sp.	Green Waukesha
Spruce (Black Hills)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Waukesha
Spruce (Blue)	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Jefferson, Marathon
Spruce (Unspecified)	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Dane



<b>NEEDED WOODY ORNAMENTALS (Continued)</b>			
Yew	Pruning Damage (Suspected)	None	Dane
<b>VEGETABLE CROPS</b>			
Cowpea	Virus Disease (Suspected)	Unspecified virus	Unknown (IA)
Cucumber	Anthrachnose (Suspected)	<i>Colletotrichum orbiculare</i>	Richland
Kale	<b>Black Rot</b> (Suspected)	<i>Xanthomonas campestris</i>	Unknown (IA)
Lettuce	Fertility Issues (Suspected)	None	Unknown (IA)
Pepper	Bacterial Spot (Suspected) <b>Herbicide Damage</b> (Suspected)	<i>Xanthomonas</i> sp. None	Dane Brown
Snapbean	Bacterial Brown Spot (Suspected) <b>Herbicide Damage</b> (Suspected) <b>Root Rot</b> (Suspected) Virus Disease	<i>Pseudomonas syringae</i> pv. <i>syringae</i> None Unspecified root rot fungi/water molds Unspecified virus	Unknown (IA) Milwaukee Waukesha Dane
Spinach	<b>Root Rot</b>	<i>Pythium</i> sp.	Fond du Lac
Squash (Butternut)	Angular Leaf Spot (Suspected)	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Dane
Tomato	Fertility Issues (Suspected) Flooding Damage (Suspected) <b>Herbicide Damage</b> (Suspected) Virus Disease (Suspected) Water Stress (Suspected)	None None None Unspecified virus None	Dane, Unknown (IA) Dunn Milwaukee, Unknown (IA) Milwaukee Dane
Vegetables (Misc.)	Fertility Issues (Suspected)	None	Columbia

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".