



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 May 23, 2020 through May 29, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD LEAFED WOODY ORNAMENTALS</b>			
Crabapple	Cold Injury (suspected)	None	Dane
Dogwood (Flowering)	Cold Injury (suspected)	None	Walworth
Dogwood (Red-Twigged)	Cold Injury (suspected)	None	Eau Claire
Dogwood (Tatarian)	Septoria Leaf Spot (suspected)	<i>Septoria</i> sp.	Kenosha
Honeylocust	Girdling Roots (suspected)	None	Outagamie
	Overly Deep Planting	None	Outagamie
	Thyronectria Canker	<i>Thyronectria austroamericana</i>	Waukesha
Hydrangea	Bacterial Leaf Spot (suspected)	<i>Xanthomonas</i> sp.	Outagamie
Kentucky Coffeetree	Frost Crack	None	Brown
	Fungal Canker (suspected)	Unidentified canker fungus	Brown
Lilac	<a href="#">Bacterial Blight</a> (suspected)	<i>Pseudomonas syringae</i>	Walworth
	Fertility Issues (suspected)	None	Walworth
Maple (Japanese)	Transplant Shock (suspected)	None	Dane
	Winter Injury (suspected)	None	Dane



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# Wisconsin Horticulture Update

<b>BROAD LEAFED WOODY ORNAMENTALS (Continued)</b>			
Maple (Norway)	Frost Crack Wood Rot (suspected)	None Unspecified wood rot fungus	Outagamie Outagamie
Maple (Sugar)	Frost Crack Girdling Roots (suspected) Overly Deep Planting White Rot	None None None <i>Irpex lacteus</i>	Grant Grant Polk Waukesha
Pear (Callery)	<a href="#">Fire Blight</a>	<i>Erwinia amylovora</i>	Waukesha
Rose	Chemical Burn (suspected)	None	Polk
Sumac	<a href="#">Sooty Mold</a>	Miscellaneous sooty mold fungi	Vernon
Wintercreeper	Aerial Roots (normal plant structure)	None	Racine
<b>FRUIT CROPS</b>			
Apple	Wood Rot (suspected)	Unspecified wood rot fungus	Waukesha
Cherry	Cold Injury (suspected)	None	Dane
Grape (Concord)	Anthracoese (suspected)	<i>Sphaceloma ampelinum</i>	Dubuque (IA)
Pear	<a href="#">Scab</a> (suspected)	<i>Venturia</i> sp.	Walworth
Raspberry	<a href="#">Herbicide Injury</a> (suspected)	None	Dane
<b>HERBACEOUS ORNAMENTALS</b>			
Black-Eyed Susan	Septoria Leaf Spot (suspected)	<i>Septoria</i> sp.	Kenosha
Hops (Ornamental)	Fertility Issues (suspected)	None	Green
Hosta	Alternaria Leaf Spot (suspected) Cold Injury (suspected) Sunburn (suspected)	<i>Alternaria</i> sp. None None	Dane Dane Dane
Violet (Unspecified)	Violet Rust	<i>Puccinia violae</i> (suspected)	Dane



NEEDED WOODY ORNAMENTALS			
Arborvitae	Fungal Canker (suspected)	Unspecified fungal canker pathogen	Dane
	Squirrel Damage (suspected)	None	Eau Claire
Fir (Balsam)	Transplant Shock (suspected)	None	Brown
Juniper	Winter Burn/Winter Injury (suspected)	None	La Crosse
Pine (Austrian)	Dothistroma Needle Blight (suspected)	<i>Dothistroma pini</i>	Winnebago
Pine (White)	Chlorosis (suspected)	None	Columbia
	White Pine Blister Rust (suspected)	<i>Cronartium ribicola</i>	Waukesha
Spruce (Unspecified)	Cytospora Canker (suspected)	<i>Cytospora kunzei</i>	Sauk
	Spruce Needle Drop (suspected)	<i>Setomelanomma holmii</i>	Brown
	Transplant Shock (suspected)	None	Brown
VEGETABLE CROPS			
Asparagus	Fungal Leaf/Stem Spot (suspected)	Unspecified fungal pathogen	Lincoln
Cucumber	Sunburn (suspected)	None	Dane
Kale	Unspecified Environment Damage (suspected)	None	Pepin
Lettuce	Fertility/Water pH Issues (suspected)	None	Washington
Pepper	Herbicide Injury	None	Milwaukee
Potato	Tomato Spotted Wilt	<i>Tomato spotted wilt virus</i>	Langlade
Tomatillo	Edema (suspected)	None	Portage
Tomato (Unspecified)	Fertility Issues (suspected)	None	Burnett, Crawford
	Herbicide Injury	None	Milwaukee
	Sun Burn (suspected)	None	Burnette

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".