



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 6, 2020 through June 12, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Aspen	Venturia Shoot Blight	<i>Venturia</i> sp.	Eau Claire
Boxwood	Fusarium Canker Volutella Canker	<i>Fusarium</i> sp. <i>Volutella</i> sp.	Waukesha Waukesha
Buckthorn (Glossy)	Crown Rust Fungal Leaf Spot (Suspected)	<i>Puccinia coronata</i> Unspecified Leaf Spot Fungus	Eau Claire, Waukesha Brown
Cherry (Weeping)	Frost Crack Improper Planting	None None	Sauk Sauk
Crabapple	Apple Scab Fertility Issues (Suspected) Fire Blight (Suspected) Gymnosporangium Rust Herbicide Damage (Suspected) Sooty Mold	<i>Venturia inaequalis</i> None <i>Erwinia amylovora</i> <i>Gymnosporangium</i> sp. None Miscellaneous sooty mold fungi	Dane, Waukesha Racine Brown, Racine Waukesha Racine Brown
Elderberry (Unspecified)	Elderberry Rust Verticillium Wilt (Suspected)	<i>Puccinia sambuci</i> <i>Verticillium</i> sp.	Dane, Milwaukee Jefferson

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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Elm (Unspecified)	Sapsucker Damage	None	Jefferson
Hickory (Unspecified)	Anthracnose (Suspected)	<i>Gloeosporium</i> sp.	Dane
Hydrangea	Bacterial Leaf Spot (Suspected)	<i>Xanthomonas</i> sp.	Dane
Ivy (English)	Cold Injury (Suspected)	None	Unknown
Katsura	Grade Change Damage	None	Dodge
Lilac (Unspecified)	Bacterial Blight (Suspected)	<i>Pseudomonas syringae</i>	Dane
	Cold Injury	None	Dane
	Gray Mold/Botrytis Blight (Suspected)	<i>Botrytis cinerea</i>	Dane
	Improper Pruning	None	Dane
	Root/Crown Rot	<i>Phytophthora</i> sp.	Milwaukee
Linden (Unspecified)	Inappropriate Planting Site	None	Dane
Maple ('Autumn Blaze')	Anthracnose (Suspected)	<i>Discula</i> sp.	Ozaukee
	Frost Crack	None	Ozaukee
	Girdling Roots (Suspected)	None	Ozaukee
	Improper Planting	None	Ozaukee
	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Ozaukee
Maple (Silver)	Anthracnose (Suspected)	<i>Discula</i> sp.	Waukesha
	Chlorosis	None	
Maple (Unspecified)	Anthracnose (Suspected)	<i>Discula</i> sp.	Dane, Portage, Racine, Washington
	Grade Change Damage (Suspected)	None	La Crosse
	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Chippewa, Outagamie
Oak (Pin)	Chlorosis	None	Dodge
Oak (Unspecified)	Phomopsis Gall	<i>Phomopsis</i> sp.	Vilas
	Tatters	None	Green Lake
Pear (Ornamental)	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Sauk
Rhododendron	Phytophthora Root/Crown Rot (Suspected)	<i>Phytophthora</i> sp.	Dane



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Sycamore	Cold Injury (Suspected)	None	Dane
Woody Ornamentals (Miscellaneous)	Herbicide Damage	None	Milwaukee
FRUIT CROPS			
Apple	Frogeye Leaf Spot (Suspected)	<i>Botryosphaeria obtusa</i>	Rock
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Dane, Rock
	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungi/water molds	Dane
Cherry	Bacterial Canker (Suspected)	<i>Pseudomonas syringae</i>	La Crosse, Waupaca
	Bacterial Leaf Spot (Suspected)	<i>Pseudomonas syringae</i>	La Crosse
Grape	Anthracnose (Suspected)	<i>Sphaceloma ampelinum</i>	Chippewa
	Cold Injury (Suspected)	None	Chippewa
Mulberry	Wood Rot	Unspecified wood rot fungus	Grant
Peach (Unspecified)	Bacterial Canker (Suspected)	<i>Pseudomonas syringae</i>	Dane, Sauk
	Cold Injury (Suspected)	None	Sauk
	Peach Leaf Curl	<i>Taphrina deformans</i>	Dane, Waupaca
	Fertility Issues (Suspected)	None	Dane
Raspberry	Spur Blight (Suspected)	<i>Didymella appianata</i>	Dane
Strawberry	Common Leaf Spot	<i>Mycosphaerella fragariae</i>	Monroe
	Phomopsis Leaf Blight (Suspected)	<i>Phomopsis obscurans</i>	Monroe
HERBACEOUS ORNAMENTALS			
Astilbe	Viral Disease (Suspected)	Unspecified plant virus	Brown
Fern (Unspecified)	Fertility Issues (Suspected)	None	Marathon



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HERBACEROUS ORNAMENTALS (Continued)			
Hosta	Alternaria Leaf Spot (Suspected)	<i>Alternaria</i> sp.	Dane
	Heat Stress/Sunburn (Suspected)	None	Marathon, Taylor
	Hosta Virus X (Suspected)	Hosta Virus X	Ozaukee, Taylor
Mayapple	Mayapple Rust	<i>Puccinia podophylli</i>	Walworth
Peony	Gray Mold/Botrytis Blight (Suspected)	<i>Botrytis cinerea</i>	Dane, Milwaukee
Poppy	Gray Mold/Botrytis Blight (Suspected)	<i>Botrytis cinerea</i>	Outagamie
NEEDED WOODY ORNAMENTALS			
Arborvitae	Winter Burn (Suspected)	None	Outagamie
False Cypress (Weeping)	Frost Crack	None	Sauk
	Improper Planting	None	Sauk
Fir (Unspecified)	Winter Burn (Suspected)	None	Waukesha
Juniper	Diplodia Canker	<i>Diplodia</i> sp.	Ozaukee
	Transplant Shock (Suspected)	None	Dane
	Winter Injury/Winter Burn (Suspected)	None	Dane
Pine (Unspecified)	Chlorine Damage (Suspected)	None	Sheboygan
Spruce (White)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Walworth
Spruce (Unspecified)	Improper Planting	None	Waukesha
	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	St. Croix, Waukesha
	Root Rot	Unspecified root rot fungi/water molds	St. Croix
	Spruce Needle Drop (Suspected)	<i>Setomelanomma holmii</i>	St. Croix
Tamarack	Fertility/Soil pH Issues (Suspected)	None	Outagamie
Yew	Herbicide Damage	None	Westchester (NY)



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VEGETABLE CROPS			
Lettuce	Bacterial Leaf Spot (Suspected)	<i>Xanthomonas</i> sp.	Juneau
Pepper	Fertility Issues (Suspected)	None	Portage
Potato	Dry Rot Pink Rot (Suspected)	<i>Fusarium sambucinum</i> <i>Phytophthora erythroseptica</i>	Langlade Langlade
Snapbean	Unspecified Viral Disease (Suspected)	Unspecified plant virus	Juneau
Spinach	Spinach Rust	<i>Puccinia aristidae</i>	Juneau
Tomato	Bacterial Canker (Suspected) Crown Gall (Suspected) Unspecified Virus Disease (Suspected) White Mold (Suspected)	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> <i>Agrobacterium tumefaciens</i> Unspecified plant virus <i>Sclerotinia sclerotorium</i>	Marathon, Washburn Dane Dane, Door Dane
Vegetables (Miscellaneous)	Herbicide Damage	None	Marathon
MISCELLANEOUS			
Fungus ID	Unspecified Jelly Fungus	None	Rock
Plant ID	Horsetails	None	Shawano

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, follow the clinic on Facebook and Twitter @UWPDDC or email pddc@wisc.edu to subscribe to the PDDC listserv "UWPDDCLearn".