



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 30, 2020 through June 5, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	White Rot	<i>Polyporus squamosus</i>	Sauk
Barberry (Unspecified)	Root Rot	<i>Pythium</i> sp., <i>Fusarium</i> sp., <i>Cylindrocarpon</i> sp.	Racine
Boxwood	Fusarium Canker Volutella Canker	<i>Fusarium</i> sp. <i>Volutella</i> sp.	Waukesha Dane, Waukesha
Buckthorn (Fern Leaf)	Crown Rust	<i>Puccinia coronata</i>	Dane
Buckthorn (Unspecified)	Crown Rust	<i>Puccinia coronata</i>	Eau Claire
Cherry (Ornamental)	Black Knot	<i>Apiosporina morbosa</i>	Rock
Clematis	Fertility/Soil pH Issues	None	Jefferson
Crabapple	Transplant Shock (Suspected)	None	Racine
Dogwood (Red Twig)	Bacterial Blight (Suspected)	<i>Pseudomonas syringae</i>	Dane
Elm (Unspecified)	Anthracnose	<i>Gloeosporium</i> sp.	Rock
Lilac (Unspecified)	Bacterial Blight (Suspected)	<i>Pseudomonas syringae</i>	Dane, Vernon
	Fertility Issues (Suspected)	None	Racine
	Poor Pruning	None	Vernon



BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Maple (Japanese)	Cold Injury (Suspected) Frost Crack	None None	Sheboygan Sheboygan
Maple (Norway)	Frost Crack Girdling Roots (Suspected) Overly Deep Planting Sapsucker Damage	None None None None	Monroe Monroe Monroe Monroe
Maple (Red)	Chlorosis Grade Change Damage (Suspected)	None None	Walworth Walworth
Maple (Unspecified)	Anthracnose (Suspected) Frost Crack Girdling Roots (Suspected) Improper Planting (Wire Baskets Left On) Overly Deep Planting Poor Pruning (Included Bark) Wood Rot (Suspected)	Discula sp. None None None None None Unspecified wood rot fungus	Dane, Waukesha Eau Claire La Crosse Polk Eau Claire, La Crosse Eau Claire Eau Claire
Oak (Unspecified)	Anthracnose (Suspected) Chlorosis Cold Injury (Suspected) Lichens Smooth Patch Tatters	Discula sp. None None None <i>Aleurodiscus oakesii</i> None	Crawford, Winnebago Crawford Sauk Sauk Sauk Crawford
Pachysandra	Volutella Blight	<i>Volutella pachysandricola</i>	Waukesha
Pear (Ornamental)	Winter Injury (Suspected)	None	Dane, Marathon
Plum (Ornamental)	Black Knot	<i>Apiosporina morbosa</i>	Winnebago
Trees (Miscellaneous)	Herbicide Damage	None	Dane



FRUIT CROPS			
Grape	Cold Injury (Suspected)	None	Dane
	Crown Gall (Suspected)	<i>Agrobacterium vitis</i>	Dane
	Fertility Issues (Suspected)	None	Dane
	Tatters	None	Dane
Peach	Peach Leaf Curl	<i>Taphrina deformans</i>	Dane, Rock
Pear	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Wood
Strawberry	Cold Injury (Suspected)	None	Barron
HERBACEOUS ORNAMENTALS			
Lily-of-the-Valley	Ascochyta Leaf Spot (Suspected)	<i>Ascochyta</i> sp.	Dane
Onion (Ornamental)	None – Normal Dormancy (Suspected)	None	Dane
Trillium (White)	Viral Disease (Suspected)	Unspecified plant virus	Marathon
NEEDED WOODY ORNAMENTALS			
Arborvitae	Cytospora Canker	<i>Cytospora</i> sp.	Walworth
	Fungal Canker Disease (Suspected)	Unspecified canker fungus	Waukesha
	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp.	Walworth
False Cypress	Transplant Shock (Suspected)	None	Sauk
Red Cedar (Eastern)	Cedar-Apple Rust	<i>Gymnosporangium juniperi-virginianae</i>	Sauk
Spruce (Unspecified)	Cold Injury (Suspected)	None	Sauk
	Fungal Canker Disease (Suspected)	Unspecified canker fungus	Sauk, Waukesha
	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Sauk
	Transplant Shock (Suspected)	None	Sauk
VEGETABLE CROPS			
Potato	Bacterial Soft Rot	Unspecified soft rot bacteria	Adams
	Bacterial Soft Rot	<i>Pectobacterium atrosepticum</i>	Langlade
	Black Heart	None	Adams



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VEGETABLE CROPS (Continued)			
Potato (Continued)	Black Leg	<i>Pectobacterium atrosepticum</i> , <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i>	Adams
	Dry Rot	<i>Fusarium</i> sp.	Marathon
	Hollow Heart	None	Adams
	Leak (Suspected)	<i>Pythium</i> sp.	Adams
	Pink Eye	None	Marathon
	Pink Rot (Suspected)	<i>Phytophthora erythroseptica</i>	Adams, Marathon
	Tomato Spotted Wilt	<i>Tomato spotted wilt virus</i>	Langlade
Tomato	Bacterial Canker	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Waushara
SPECIALTY CROPS			
Hop	Downy Mildew (Suspected)	<i>Pseudoperonospora humuli</i>	Green
MISCELLANEOUS			
Mushroom ID	Golden Oyster Mushroom (<i>Pleurotus citrinopileatus</i>)	None	Vernon

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".