



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 20, 2020 through June 26, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Ash Rust	<i>Puccinia sparganioides</i>	Dane
Aspen (Unspecified)	Venturia Shoot Blight Venturia Shoot Blight (Suspected)	<i>Venturia populina</i> <i>Venturia</i> sp.	Washington Waukesha
Birch (Unspecified)	Fertility Issues (Suspected) Water Stress (Suspected)	None None	Dane Dane
Birch (River)	Root Rot	<i>Phytophthora</i> sp., <i>Fusarium</i> sp.	Waukesha
Boxwood	Leaf Spot/Blight Fusarium Canker Volutella Canker Winter Burn (Suspected)	Unspecified leaf spot/blight fungus <i>Fusarium</i> sp. <i>Volutella</i> sp. None	Dane Milwaukee, Ozaukee Milwaukee, Ozaukee Walworth
Catalpa	Tatters Verticillium Wilt (Suspected)	None <i>Verticillium</i> sp.	Calumet Calumet
Clematis	Phomopsis Canker	<i>Phomopsis</i> sp.	Crawford
Crabapple	Apple Scab (Suspected) Black Rot (Suspected)	<i>Venturia inaequalis</i> <i>Botryosphaeria obtusa</i>	Dane, Walworth Walworth



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Wisconsin Horticulture Update

BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Crabapple	Fire Blight (Suspected) Frogeye Leaf Spot Gymnosporangium Rust	<i>Erwinia amylovora</i> <i>Botryosphaera obtusa</i> <i>Gymnosporangium</i> sp.	Walworth Racine Dane, Walworth
Dogwood (Pagoda)	Heat Stress (Suspected) Improper Location Septoria Leaf Spot (Suspected)	None None <i>Septoria</i> sp.	Portage Portage Portage
Dogwood (Unspecified)	Herbicide Damage (Suspected) Phytoplasma Disease (Suspected)	None Unspecified phytoplasma	Winnebago Wood
Elderberry	Elderberry Rust	<i>Puccinia sambuci</i>	Adams, La Crosse, Monroe
Elm (Unspecified)	Anthracnose (Suspected)	<i>Gloeosporium</i> sp.	Walworht
Hickory (Unspecified)	Downy Leaf Spot Squirrel Damage (Suspected)	<i>Microstroma juglandis</i> None	Dane Dane
Honeylocust	Frost Crack Ganoderma Butt Rot (Suspected) Girdling Roots (Suspected) Overly Deep Planting Root/Crown Rot	None <i>Ganoderma</i> sp None None <i>Phytophthora</i> sp., <i>Fusarium</i> sp.	Trempealeau Waukesha Trempealeau Trempealeau Outagamie
Hornbeam	Canker Disease (Suspected)	Unspecified canker fungus	Dane
Hydrangea	Herbicide Damage (Suspected)	None	Waukesha
Lilac (Dwarf Korean)	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Wood
Lilac (Unspecified)	Tatters	None	Barron
Linden (Unspecified)	Girdling Roots (Suspected)	None	La Crosse



BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Maple (Unspecified)	Anthracnose (Suspected)	<i>Discula</i> sp.	Milwaukee, Portage, Shawano, Washington
	Canker Disease (Suspected)	Unspecified canker fungus	Unknown (MN)
	Chlorosis	None	Milwaukee
	Frost Crack	None	Rock, Washington (MN)
	Girdling Roots (Suspected)	None	Portage, Rock
	Overly Deep Planting	None	Portage, Rock
	Purple-Bordered Leaf Spot (Suspected)	<i>Phyllosticta minima</i>	Shawano
Sunburn	None	Taylor	
Mountain-Ash	Root/Crown Rot (Suspected)	Unspecified root rot fungi/water molds	Price
Mulberry (Weeping)	Herbicide Damage (Suspected)	None	Jefferson
Oak (Red)	Chlorosis	None	Crawford
Oak (Unspecified)	Anthracnose (Suspected)	<i>Discula</i> sp.	Crawford, Dane
	Bacterial Wetwood	Miscellaneous bacteria	Rock
	Chlorosis	None	Crawford, Milwaukee
	Oak Wilt (Suspected)	<i>Bretziella fagacearum</i>	Crawford, Langland
	Tatters	None	Pierce
	Tubakia Leaf Spot (Suspected)	<i>Tubakia dryina</i>	Crawford
Wind Damage (Suspected)	None	Fond du Lac	
<i>Prunus</i> (Unspecified)	Black Knot	<i>Apiosporina morbosa</i>	Walworth
Rose	Chemical Burn (Suspected)	None	Dane
Serviceberry	Fertility Issues (Suspected)	None	Waukesha



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FRUIT CROPS			
Apple	Apple Scab (Suspected)	<i>Venturia inaequalis</i>	Monroe
	Bacterial Wetwood	Miscellaneous bacteria	Sauk
	Fertility Issues (Suspected)	None	Price
	Frost Crack	None	Sauk
	Graft Union Failure	None	Ozaukee
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	La Crosse
	Root/Crown Rot (Suspected)	<i>Pythium</i> sp., <i>Fusarium</i> sp.	Dane
Overly Deep Planting	None	Sauk	
Cherry	Cherry Leaf Spot (Suspected)	<i>Blumeriella jaapii</i>	Rock
	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Brown
Peach	Peach Leaf Curl	<i>Taphrina deformans</i>	Dane
Pear	Frost Crack	None	Vernon
	Wood Rot (Suspected)	Unspecified rot fungus	Vernon
Raspberry (Black)	Root Rot (Suspected)	Unspecified root rot fungi/water molds	Richland
HERBACEROUS ORNAMENTALS			
Geranium (Perennial)	Bacterial Blight (Suspected)	<i>Xanthomonas</i> sp.	Sheboygan
Goldenrod	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Dane
	Virus Disease (Suspected)	Unspecified virus	Dane
Peony	Cold Injury (Suspected)	None	St. Croix
	Tobacco Rattle (Suspected)	<i>Tobacco rattle virus</i>	Oneida
NEEDED WOODY ORNAMENTALS			
Arborvitae	Phomopsis Canker	<i>Phomopsis</i> sp.	Waukesha
	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp.	Waukesha
Juniper	Canker Disease (Suspected)	Unspecified canker fungus	Waukesha
	Winter Injury/Winter Burn (Suspected)	None	Waukesha
Pine (Austrian)	Dothistroma Needle Blight (Suspected)	<i>Dothistroma pini</i>	Walworth



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NEEDED WOODY ORNAMENTALS			
Spruce (Serbian)	Canker Disease (Suspected)	Unspecified canker fungus	Walworth
Spruce (Unspecified)	Canker Disease (Suspected)	Unspecified canker fungus	Winnebago
	Cold Injury	None	Jefferson
	Cytospora Canker (Suspected)	<i>Cytospora kunzei</i>	Jefferson
	Phomopsis Needle Blight/ Canker (Suspected)	<i>Phomopsis</i> sp.	Unknown (CO)
	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Dane, Winnebago
VEGETABLE CROPS			
Cucumber	Anthracoze (Suspected)	<i>Colletotrichum orbiculare</i>	Brown
Potato	Black Leg	<i>Dickeya dianthicola</i>	Dane
Tomato	Herbicide Damage (Suspected)	None	Milwaukee, Winnebago, Wood
	Virus Disease (Suspected)	Unspecified virus	Door, Milwaukee
MISCELLANEOUS			
Fungus ID	King Stropharia (<i>Stropharia rugosoannulata</i>)	None	Langlad
	<i>Neurospora</i> sp. (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, follow the clinic on Facebook and Twitter @UWPDDC or email pddc@wisc.edu to subscribe to the PDDC listserv "UWPDDCLearn".