



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 13, 2020 through June 19, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD LEAFED WOODY ORNAMENTALS</b>			
Aspen	Venturia Leaf Blight (Suspected)	<i>Venturia</i> sp.	St. Croix
Birch (River)	Mouse Ear/Nickel Deficiency (Suspected)	None	Waukesha, Washington
Birch (Unspecified)	Canker Disease (Suspected)	Unspecified canker fungus	Dane
	Improper Watering (Suspected)	None	Oneida
	Transplant Shock (Suspected)	None	Oneida
Boxwood	Fusarium Canker (Suspected)	<i>Fusarium</i> sp.	Marathon
	Volutella Canker (Suspected)	<i>Volutella</i> sp.	Marathon
	Winter Burn	None	Marathon
Buckthorn (Glossy)	Crown Rust	<i>Puccinia coronata</i>	Racine
Buckthorn (Unspecified)	Botryosphaeria Canker	<i>Botryosphaeria</i> sp.	Waukesha
	Crown Rust	<i>Puccinia coronata</i>	Waukesha
Chokeberry	Canker Disease (Suspected)	Unspecified canker fungus	La Crosse
Crabapple (Weeping)	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Waukesha



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# Wisconsin Horticulture Update

BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Crabapple	Apple Scab	<i>Venturia inaequalis</i>	Racine
	Apple Scab (Suspected)	<i>Venturia inaequalis</i>	Dane
	Chlorosis	None	Racine
	Fertility Issues (Suspected)	None	Racine
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Dane, Racine
	Herbicide Damage	None	Racine
Dogwood (Pagoda)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Rock
Dogwood (Red Osier)	Canker Disease (Suspected)	Unspecified canker fungus	La Crosse
Elderberry	Elderberry Rust	<i>Puccinia sambuci</i>	Dane
	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Elm (Unspecified)	Dutch Elm Disease (Suspected)	<i>Ophiostoma</i> sp.	Juneau
	Elm Leaf Blister (Suspected)	<i>Taphrina ulmi</i>	Winnebago
Honeylocust	Thyronectria Canker	<i>Thyronectria austroamericana</i>	Dane
Honeysuckle (Shrub)	Squirrel Damage (Suspected)	None	Waukesha
Honeysuckle (Vine)	Virus or Phytoplasma Disease (Suspected)	Unspecified virus or phytoplasma	Shawano
Lilac	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Waukesha
Magnolia	Chlorosis	None	Dane
Maple ('Autumn Blaze')	Anthracoze (Suspected)	<i>Discula</i> sp.	Waukesha
Maple (Korean)	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Maple (Norway)	Tatters	None	Winnebago
Maple (Red)	Anthracoze (Suspected)	<i>Discula</i> sp.	Eau Claire
	Chlorosis	None	Eau Claire
Maple (Unspecified)	Anthracoze (Suspected)	<i>Discula</i> sp.	Washington
	Chlorosis	None	Washington



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<b>BROAD LEAFED WOODY ORNAMENTALS (Continued)</b>			
Maple (Unspecified)	Herbicide Damage (Suspected)	None	Dane
	Purple-Bordered Leaf Spot (Suspected)	<i>Phyllosticta minima</i>	Eau Claire
	Sunburn (Suspected)	None	La Crosse
Oak (Pin)	Chlorosis	None	Rock
Oak (Swamp White)	Anthrachnose (Suspected)	<i>Discula</i> sp.	Washington
Oak (White)	Anthrachnose (Suspected)	<i>Discula</i> sp.	Dane
	Chlorosis	None	Dane
Oak (Unspecified)	Chlorosis	None	Brown
Pear (Ornamental)	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Waukesha
<i>Prunus</i> (Unspecified)	Black Knot	<i>Apiosporina morbosa</i>	Green
Redbud (Unspecified)	Herbicide Damage (Suspected)	None	Sauk
Willow (Unspecified)	Canker Disease (Suspected)	Unspecified canker fungus	Waukesha
<b>FRUIT CROPS</b>			
Apple	Chemical Burn (Suspected)	None	La Crosse
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Dane
	Root/Crown Rot (Suspected)	Unidentified root rot fungi/water molds	Marinette
Cherry	Bacterial Canker (Suspected)	<i>Pseudomonas syringae</i>	Sauk
Fig (Common)	Fig Mosaic (Suspected)	<i>Fig mosaic virus</i>	Milwaukee
Gooseberry	Gloeosporidiella Leaf Spot (Suspected)	<i>Gloeosporidiella</i> sp.	Lafayette
Raspberry (Black)	Orange Rust	<i>Gymnoconia peckiana</i>	Vilas
<b>HERBACEROUS ORNAMENTALS</b>			
Astilbe	Tobacco Rattle (Suspected)	<i>Tobacco rattle virus</i>	Dane
Coneflower	Viral or Phytoplasma Disease (Suspected)	Unspecified virus or phytoplasma	Manitowoc
Daisy (Shasta)	Viral or Phytoplasma Disease (Suspected)	Unspecified virus or phytoplasma	Manitowoc



<b>HERBACEROUS ORNAMENTALS (Continued)</b>			
Geranium (Perennial)	Viral or Phytoplasma Disease (Suspected)	Unspecified virus or phytoplasma	Manitowoc
Hosta	Sunburn	None	Milwaukee
	Winter Injury (Suspected)	None	Shawano
Peony (Unspecified)	Viral or Phytoplasma Disease (Suspected)	Unspecified virus or phytoplasma	Dane, Manitowoc, Shawano
	Winter Injury/Hardiness Issues (Suspected)	None	Dane
<b>HOUSEPLANTS</b>			
Lemon	Environmental Stress (Suspected)	None	Manitowoc
	Fertility Issues (Suspected)	None	Manitowoc
Palm (Unspecified)	Improper Planting	None	Dane
	Transplant Shock (Suspected)	None	Dane
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp.	Dane
	Root/Crown Rot (Suspected)	Unidentified root rot fungi/water molds	Brown
Fir (Balsam)	Rhizosphaera Needle Cast	<i>Rhizosphaera</i> sp.	Jackson
	Shading (Suspected)	None	Jefferson
	Water Stress (Suspected)	None	Jefferson
Fir (Unspecified)	Canker Disease (Suspected)	Unspecified canker fungus	Marathon
Juniper	Transplant Shock (Suspected)	None	Douglas
	Winter Burn (Suspected)	None	Douglas
Spruce (Black Hills)	Lirula Needle Blight	<i>Lirula</i> sp.	Dane
	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Dane
Spruce (Blue)	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Milwaukee
Spruce (White)	Transplant Shock (Suspected)	None	Portage



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<b>NEEDED WOODY ORNAMENTALS (Continued)</b>			
Spruce (Unspecified)	Cold/Heat Injury (Suspected) <a href="#">Rhizosphaera Needle Cast</a> (Suspected)	None <i>Rhizosphaera kalkhoffii</i>	Grant Jefferson, Waukesha
<b>VEGETABLE CROPS</b>			
Brussels Sprouts	Restricted Root Growth <a href="#">Root Rot</a> (Suspected)	None Unspecified root rot fungi/water molds	Walworth Walworth
Carrot (Unspecified)	<a href="#">Damping-Off</a>	<i>Alternaria dauci</i> , <i>Fusarium</i> sp., <i>Pythium</i> sp., <i>Rhizoctonia</i> sp.	Portage
Potato (Unspecified)	Black Leg	<i>Dickeya dianthicola</i>	Oneida
Rhubarb	Virus or Phytoplasma Disease (Suspected)	Unspecified virus or phytoplasma	Shawano
Tomato (Unspecified)	Bacterial Canker  <a href="#">Herbicide Damage</a> (Suspected)  <a href="#">Walnut Toxicity</a> (Suspected)	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>  None  None	Wood Barron, Polk Dane
<b>MISCELLANEOUS</b>			
Fungal ID	Oyster Mushroom ( <i>Pleurotus</i> sp.)	None	Iowa
Slime Mold ID	Chocolate Tube Slime Mold ( <i>Stemonitis</i> sp.)	None	Ozaukee

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".