



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 August 8, 2020 through August 14, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Birch (Himalayan)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Sheboygan
Birch (River)	Mouse Ear/Nickel Deficiency (Suspected)	None	Milwaukee
Boxwood	Fusarium Canker (Suspected)	<i>Fusarium</i> sp.	Milwaukee
	Root/Crown Rot (Suspected)	Unspecified rot/crown rot fungi/water molds	Milwaukee
	Volutella Canker (Suspected)	<i>Volutella</i> sp.	Milwaukee
Crabapple	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Dane
	Girdled Trunk	None	Dane
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Dane
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
Elderberry	Transplant Shock (Suspected)	None	Unknown (IL)
	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Unknown (IL)
Hydrangea	Water Stress (Suspected)	None	Brown
Lilac (Unspecified)	Powdery Mildew	<i>Oidium</i> sp.	Eau Claire
	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Dane, Eau Claire, Green, Sauk, St. Croix



BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Linden	Chlorosis Girdling Roots (Suspected) Overly Deep Planting Verticillium Wilt (Suspected)	None None None <i>Verticillium</i> sp.	Brown Brown Brown Brown
Maple (‘Autumn Blaze’)	Frost Crack Girdling Roots (Suspected) Overly Deep Planting	None None None	Marathon Marathon Marathon
Maple (Japanese)	Cold Injury (Suspected)	None	Waukesha
Maple (Japanese/Korean)	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Maple (Norway)	Tar Spot	<i>Rhytisma acerinum</i>	Dane, Walworth
Maple (Sugar)	Steganosporium Canker	<i>Steganosporium</i> sp.	Green
Maple (Unspecified)	Canker Disease Chlorosis Frost Crack Girdling Roots (Suspected) Overly Deep Planting Phytoplasma Disease (Suspected) Verticillium Wilt (Suspected)	Unspecified canker fungus None None None None Unspecified phytoplasma <i>Verticillium</i> sp.	Ozaukee Brown Clark Brown, Clark Brown, Clark Richland Washburn
Mountain-Ash	Lichens	None	Portage
Oak (Pin)	Oak Leaf Blister (Suspected)	<i>Taphrina caerulescens</i>	Jefferson
Oak (Unspecified)	Anthracoise (Suspected) Chlorosis Heart Rot Oak Wilt Oak Wilt (Suspected) Tubakia Leaf Spot	<i>Discula</i> sp. None Unspecified heart rot fungus <i>Bretziella fagacearum</i> <i>Bretziella fagacearum</i> <i>Tubakia dryina</i>	Brown Brown, Ozaukee Dodge Dane Brown Waukesha



BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Oak (Unspecified)	Tubakia Leaf Spot (Suspected)	<i>Tubakia dryina</i>	Brown, Ozaukee
Pear (Ornamental)	Pear Scab (Suspected)	<i>Venturia pirina</i>	Winnebago
Redbud	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane, Unknown (OH)
Serviceberry	Powdery Mildew Water Stress (Suspected)	<i>Oidium</i> sp. None	Dane Dane, Racine
Spirea (Unspecified)	Spirea Stunt (Suspected)	Spirea stunt phytoplasma	Waukesha
Tree (Unspecified)	Wood Rot	<i>Irpex lacteus</i>	Waupaca
FIELD CROPS			
Soybean	Cercospora Leaf Blight Soybean Cyst Nematode	<i>Cercospora kikuchii</i> <i>Heterodera glycines</i>	Grant Dodge
FRUIT CROPS			
Apple	Fire Blight (Suspected) Gymnosporangium Rust	<i>Erwinia amylovora</i> <i>Gymnosporangium</i> sp.	Sheboygan Waukesha
Blueberry	Gloesporium Leaf Spot and Canker	<i>Gloesporium</i> sp.	Green
Grape ('La Crosse')	Downy Mildew Powdery Mildew	<i>Plasmopara viticola</i> <i>Erysiphe necator</i>	Vernon Vernon
Grape ('Petite Perils')	Black Rot	<i>Guignardia bidwellii</i>	Vernon
Grape ('St. Pepin')	Powdery Mildew	<i>Erysiphe necator</i>	Vernon
Grape (Unspecified)	Black Rot (Suspected)	<i>Guignardia bidwellii</i>	Shawano
Plum	Bacterial Leaf Spot/ Bacterial Shot Hole	Unspecified leaf spot bacterium	Marathon
HERBACEOUS ORNAMENTALS			
Hosta	Sunburn (Suspected) Transplant Shock (Suspected) Water Stress (Suspected)	None None None	Eau Claire Eau Claire Eau Claire
Peony (Tree)	Root Rot (Suspected)	Unspecified root rot fungus/water mold	Dane



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NEEDED WOODY ORNAMENTALS			
Arborvitae	Phyllosticta Needle Blight Winter Injury (Suspected)	<i>Phyllosticta</i> sp. None	Brown, Dane Dane
Pine (Red)	Diplodia Shoot Blight And Canker (Suspected)	<i>Diplodia</i> sp.	Dane
Pine (White)	Canker Disease	Unspecified canker fungus	Washington
	Chlorosis (Suspected)	None	Washington
	Girdling Roots (Suspected)	None	Washington
	Improper Planting (Suspected)	None	Washington
	Overly Deep Planting	None	Washington
Spruce (Norway)	Needle Loss From Shading	None	Racine
	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Racine
Spruce (Unspecified)	Drought Stress (Suspected)	None	Waukesha
VEGETABLE CROPS			
Basil	Downy Mildew (Suspected)	<i>Peronospora belbahrii</i>	Dane
	Root Rot	Unspecified root rot fungus/water mold	Dane
Cucumber	Angular Leaf Spot (Suspected)	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Dane
	Anthraxnose (Suspected)	<i>Colletotrichum orbiculare</i>	Barron, Dane
	Bacterial Wilt (Suspected)	<i>Erwinia tracheiphila</i>	Dane
Eggplant	Viral Disease (Suspected)	Unspecified virus	Waukesha
Pepper	Bacterial Spot (Suspected)	<i>Xanthomonas</i> sp.	Price
Snapbean	Crown Gall	<i>Agrobacterium tumefaciens</i>	Waukesha
	Rust	<i>Uromyces appendiculatus</i> var. <i>appendiculatus</i>	Fond Du Lac
Squash (Spaghetti)	Crown Gall	<i>Agrobacterium tumefaciens</i>	Waukesha
	Plectosporium Blight (Suspected)	<i>Plectosphaerella cucumerina</i>	Vernon
Tomato	Blossom End Rot	None	Juneau
	Early Blight	<i>Alternaria solani</i>	Juneau
	Fertility Issues (Suspected)	None	Green Lake, Waukesha

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VEGETABLE CROPS (Continued)			
Tomato	Water Stress (Suspected)	None	Green Lake
MISCELLANEOUS			
Plant ID	Giant Ragweed	None	Dane, Manitowoc

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".