



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 15, 2020 through August 21, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Phomopsis Canker Sphaeropsis Canker	<i>Phomopsis</i> sp. <i>Sphaeropsis</i> sp.	Brown Brown
Birch (Asian White)	Black Walnut Toxicity (Suspected)	None	Vernon
Birch (Unspecified)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Dane
Boxwood	Canker Disease (Suspected) Fusarium Canker Volutella Canker Winter Burn/Winter Injury (Suspected)	Unspecified canker fungus <i>Fusarium</i> sp. <i>Volutella</i> sp. None	Washington Dane Dane, Milwaukee Washington
Catalpa	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Waukesha
Crabapple	Phomopsis Canker	<i>Phomopsis</i> sp.	Sheboygan
Honeysuckle (Vine)	Fungal Leaf Spot (Suspected)	Unspecified leaf spot fungus	Marathon
Hydrangea (Climbing)	Leaf Blight (Suspected)	Unspecified leaf blight fungus	Waukesha
Lilac (Unspecified)	Chemical Burn (Suspected) Gray Mold/Botrytis Blight (Suspected)	None <i>Botrytis cinerea</i>	Waukesha Iowa



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Lilac (Unspecified)	<p>Herbicide Damage (Suspected)</p> <p>Septoria Leaf Spot (Suspected)</p> <p>Sun Burn (Suspected)</p> <p>Water Stress (Suspected)</p>	<p>None</p> <p><i>Septoria sp.</i></p> <p>None</p> <p>None</p>	<p>Rock</p> <p>Dane, Iowa, Richland</p> <p>La Crosse</p> <p>Brown</p>
Magnolia	Sooty Mold	Miscellaneous sooty mold fungi	Dane
Maple (Amur)	Verticillium Wilt (Suspected)	<i>Verticillium sp.</i>	Vernon
Maple (Norway)	Tar Spot	<i>Rhytisma acerinum</i>	Sauk
Maple (Unspecified)	<p>Frost Crack (Suspected)</p> <p>Girdling Roots (Suspected)</p> <p>Overly Deep Planting</p> <p>Transplant Shock (Suspected)</p> <p>Verticillium Wilt (Suspected)</p>	<p>None</p> <p>None</p> <p>None</p> <p>None</p> <p><i>Verticillium sp.</i></p>	<p>Fond Du Lac</p> <p>Fond Du Lac, Juneau, Unknown (MN)</p> <p>Fond Du Lac, Juneau, Unknown (MN)</p> <p>Juneau</p> <p>Iowa</p>
Oak (Bur)	<p>Bur Oak Blight (Suspected)</p> <p>Chlorosis</p> <p>Girdling Roots (Suspected)</p>	<p><i>Tubakia iowensis</i></p> <p>None</p> <p>None</p>	<p>Iowa, Winnebago</p> <p>Iowa</p> <p>Sheboygan</p>
Oak (Red)	Oak Wilt	<i>Bretziella fagacearum</i>	Marathon
Oak (Unspecified)	<p>Chlorosis</p> <p>Oak Wilt</p> <p>Oak Wilt (Suspected)</p>	<p>None</p> <p><i>Bretziella fagacearum</i></p> <p><i>Bretziella fagacearum</i></p>	<p>Door</p> <p>La Crosse</p> <p>Door</p>
Redbud	Verticillium Wilt	<i>Verticillium sp.</i>	Dane
Smoke Bush	Verticillium Wilt (Suspected)	<i>Verticillium sp.</i>	Dane
Trumpet-Creeper	Small Animal Damage (Suspected)	None	Milwaukee



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FRUIT CROPS			
Apple ('Honeycrisp')	Zonal Leaf Chlorosis	None	Pierce
Apple (Unspecified)	Fire Blight	<i>Erwinia amylovora</i>	Sheboygan
Cherry	Powdery Mildew	<i>Oidium</i> sp.	Brown
Cranberry	Bitter Rot	<i>Colletotrichum gloeosporioides</i>	Wood
	Blotch Rot	<i>Phylospora vaccinii</i>	Wood
Fruit Trees (Miscellaneous)	Chemical Burn (Suspected)	None	Jefferson
Pear	Pear Scab (Suspected)	<i>Venturia pirina</i>	Dunn
	Pear Stony Pit (Suspected)	Unspecified virus (Suspected)	Washington
Plum	Brown Rot	<i>Monilinia</i> sp.	Dunn
Raspberry	Raspberry Leaf Spot (Suspected)	<i>Septoria darrowii</i>	Brown
	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungi/water molds	Richland
HERBACEOUS ORNAMENTALS			
Black-Eyed Susan	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Chrysanthemum	Virus Disease (Suspected)	Unspecified virus	Jefferson
Herbaceous Plants (Miscellaneous)	Water Stress (Suspected)	None	Racine
NEEDED WOODY ORNAMENTAL			
Arborvitae	Water Stress (Suspected)	None	Waukesha
Cedar (Alaskan)	Winter Burn (Suspected)	None	Racine
Fir (Balsam)	Water Stress (Suspected)	None	Dane
Juniper	Root Rot	<i>Fusarium</i> sp.	Dane
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
	Winter Burn/Winter Injury (Suspected)	None	Dane
Pine (Ponderosa)	Brown Rot	<i>Neolentinus ponderosus</i>	Unknown (WA)
Pine (Red)	Chlorosis (Suspected)	None	Brown
	Dothistroma Needle Blight (Suspected)	<i>Dothistroma</i> sp.	Brown



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NEEDED WOODY ORNAMENTALS (Continued)			
Pine (White)	Blue Stain	<i>Ophiostoma</i> sp. (Suspected)	Washington
	Diplodia Canker	<i>Diplodia</i> sp.	Washington
	Phomopsis Canker	<i>Phomopsis</i> sp.	Washington
Spruce (Alberta)	Slime Mold (<i>Fuligo</i> sp.)	None	Winnebago
Spruce (Weeping Norway)	Winter Burn (Suspected)	None	Racine
Yew	Sooty Mold	Miscellaneous sooty mold fungi	Dane
VEGETABLE CROPS			
Cole Crops (Miscellaneous)	Fertility Issues (Suspected)	None	Marathon
	Water Stress (Suspected)	None	Marathon
Cucumber	Alternaria Leaf Spot	<i>Alternaria alternata</i> f. sp. <i>cucurbitae</i>	Waukesha
	Angular Leaf Spot (Suspected)	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Richland
Cucurbit (Unspecified)	Alternaria Leaf Spot	<i>Alternaria alternata</i> f. sp. <i>cucurbitae</i>	Portage
	Angular Leaf Spot (Suspected)	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Portage
	Fertility Issues (Suspected)	None	Portage
	Water Stress (Suspected)	None	Portage
Pea	Powdery Mildew	<i>Oidium</i> sp.	Richland
Pepper	Bacterial Spot (Suspected)	<i>Xanthomonas</i> sp.	St. Croix
Potato	Pythium Stem Blight	<i>Pythium aphanidermatum</i>	Dane
Sweet Potato	Fusarium Surface Rot	<i>Fusarium oxysporum</i>	Jackson
Tomato	Bacterial Spot	<i>Xanthomonas</i> sp.	Pepin
	Blossom End Rot	None	Richland
	Edema	None	Pepin
	Septoria Leaf Spot (Suspected)	<i>Septoria lycopersici</i>	Door, 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".