



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 July 11, 2020 through July 17, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Beech	Chlorosis	None	Outagamie
Birch (Unspecified)	Fungal Leaf Spot (Suspected)	Unspecified leaf spot fungus	Vernon
Butternut	Downy Leaf Spot	<i>Microstroma juglandis</i>	Madison (NY)
Cherry (Unspecified)	Coryneum Blight/Shot-Hole (Suspected)	<i>Stigmina carpophila</i>	Dane
	Phomopsis Canker	<i>Phomopsis sp.</i>	Dane
Chokecherry	Canker Disease (Suspected)	Unspecified canker fungus	Dane
	Coryneum Blight/Shot-Hole (Suspected)	<i>Stigmina carpophila</i>	Dane
Cotoneaster	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Eau Claire
	Insufficient Watering	None	Jefferson
	Transplant Shock (Suspected)	None	Jefferson
Crabapple	Apple Scab (Suspected)	<i>Venturia inaequalis</i>	Dane, Milwaukee
	Fire Blight	<i>Erwinia amylovora</i>	Wood
	Gymnosporangium Rust	<i>Gymnosporangium sp.</i>	Dane, Milwaukee, Outagamie, Rock, Waukesha



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Diervilla	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Dogwood (Pagoda)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Unknown (IL)
Elderberry	Elderberry Rust	<i>Puccinia sambuci</i>	Dane
Honeysuckle (Vine)	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Iowa
Hydrangea	Root Rot (Suspected)	Unspecified root rot fungi/water molds	Marathon
Lilac (Shrub)	Bacterial Blight (Suspected)	<i>Pseudomonas syringae</i>	La Crosse
	Powdery Mildew	<i>Oidium</i> sp.	St. Croix
	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Dane, La Crosse
Maple (Norway)	Tar Spot	<i>Rhytisma acerina</i>	Waukesha
Maple (Sugar)	Steganosporium Canker	<i>Steganosporium</i> sp.	Sauk
Maple (Unspecified)	Anthracnose (Suspected)	<i>Discula</i> sp.	Dane, Langlade
	Frost Crack	None	Dane, Monroe
	Girdling Roots	None	Dane
	Girdling Roots (Suspected)	None	Dane, Monroe
	Overly Deep Planting	None	Dane, Monroe
	Sapwood Rot	<i>Schizophyllum commune</i>	Monroe
	Steganosporium Canker	<i>Steganosporium</i> sp.	Milwaukee
Oak (Unspecified)	Anthracnose	<i>Discula</i> sp.	St. Croix
	Chlorosis	None	Waukesha
	Phomopsis Gall	<i>Phomopsis</i> sp.	Adams
	Tubakia Leaf Spot	<i>Tubakia dryina</i>	St. Croix
Rose	Spot Anthracnose (Suspected)	<i>Sphaceloma rosarum</i>	Vernon
Serviceberry	Fungal Leaf Spot (Suspected)	Unspecified leaf spot fungus	Racine
Trees (Miscellaneous)	Herbicide Damage (Suspected)	None	Dane
Weigela	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungi/water molds	Marathon



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FRUIT CROPS			
Apple ('Porter's Perfection')	Hardiness Issues (Suspected)	None	Waupaca
	Root Rot	<i>Fusarium</i> sp., <i>Rhizoctonia</i> sp.	Waupaca
Apple (Unspecified)	Apple Scab (Suspected)	<i>Venturia inaequalis</i>	St. Croix
	Fertility Issues (Suspected)	None	St. Croix
	Frogeye Leaf Spot (Suspected)	<i>Botryosphaera obtusa</i>	St. Croix
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	St. Croix
Apricot (Chinese)	Honeycrisp Leaf Chlorosis	None	St. Croix
	Hardiness Issues (Suspected)	None	Waukesha
Cherry	Root Rot	<i>Fusarium</i> sp.	Waukesha
	Brown Rot	<i>Monilinia fructicola</i>	Winnebago
Gooseberry	Cherry Leaf Spot (Suspected)	<i>Blumeriella jaapii</i>	Rock
	Gloeosporidiella Leaf Spot	<i>Gloeosporidiella</i> sp.	Lafayette
Grape	Black Rot	<i>Guignardia bidwellii</i>	Sheboygan
	Downy Mildew	<i>Plasmopara viticola</i>	Sheboygan
Peach	Fertility Issues (Suspected)	None	Vernon
Raspberry	Anthracnose (Suspected)	<i>Sphaceloma necator</i>	Brown
	Fertility Issues (Suspected)	None	Dane
	Raspberry Leaf Spot (Suspected)	<i>Cylindrosporium rubi</i>	Brown
	Virus Disease (Suspected)	Unspecified virus	Dane
HERBACEOUS ORNAMENTALS			
Ajuga (Unspecified)	Southern Blight	<i>Sclerotium rolfsii</i>	Dane
Black-Eyed Susan	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Waukesha
Chrysanthemum	Heat Stress (Suspected)	None	Dane
Daylily	Dog Vomit Slime Mold (<i>Fuligo</i> sp.)	None	Unknown (MD)
Geranium (Perennial)	Bacterial Blight (Suspected)	<i>Xanthomonas</i> sp.	Vernon
Lisianthus	Root/Crown Rot (Suspected)	Miscellaneous root/crown rot fungi/water molds	Green
	Fusarium Wilt (Suspected)	<i>Fusarium oxysporum</i>	Green



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HERBACEOUS ORNAMENTALS (Continued)			
Monarda	Virus Disease (Suspected)	Unspecified plant virus	Dane
Rose-Of-Sharon	Fungal Leaf Spot (Suspected)	Unspecified leaf spot fungus	Dane
Spearmint	Mint Rust (Suspected)	<i>Puccinia menthae</i>	Washington
Turfgrass	Dog Vomit Slime Mold (<i>Fuligo</i> sp.)	None	Grant
NEEDED WOODY ORNAMENTALS			
Fir (Concolor/White)	Fungal Canker (Suspected)	Unspecified canker fungus	Dane
	Herbicide Damage (Suspected)	None	Dane
Juniper	Phomopsis Tip Blight (Suspected)	<i>Phomopsis juniperovora</i>	Ozaukee, Rock
Pine (Scots)	Diplodia Shoot Blight And Canker (Suspected)	<i>Diplodia</i> sp.	Sauk
Pine (White)	Canker Disease (Suspected)	Unspecified canker fungus	Brown
VEGETABLE CROPS			
Beet	Root Rot (Suspected)	Unspecified root rot fungus/water mold	Taylor
Cucumber	Angular Leaf Spot (Suspected)	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Dane, Green, Vernon
	Fertilizer Burn (Suspected)	None	Vernon
	Rubbing Damage (Suspected)	None	Dane, Green
Horseradish (Unspecified)	Root Rot	<i>Phytophthora</i> sp., <i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.	Eau Claire
	Yellows	<i>Fusarium oxysporum</i>	Eau Claire
Pepper (Unspecified)	Bacterial Spot (Suspected)	<i>Xanthomonas</i> sp.	Milwaukee
	Blossom End Rot	None	Dodge
Pumpkin	Angular Leaf Spot (Suspected)	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Milwaukee

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VEGETABLE CROPS (Continued)			
Snapbean	Cucumber Mosaic	<i>Cucumber mosaic virus</i>	Iowa
	Herbicide Damage (Suspected)	None	Brown, Walworth
	Tobacco Mosaic	<i>Tobacco mosaic virus</i>	Iowa
Tomato	Crown Gall	<i>Agrobacterium tumefaciens</i>	Dane
Vegetables (Miscellaneous)	Herbicide Damage (Suspected)	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".