



Extension

UNIVERSITY OF WISCONSIN-MADISON

UW-Madison/Extension Plant Disease Diagnostic Clinic (PDDC) Update

Brian Hudelson, Sue Lueloff and Ann Joy

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 1, 2020 through August 7, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Birch (Unspecified)	Anthracnose (Suspected)	<i>Gloeosporium</i> sp.	Eau Claire
Boxwood	Volutella Canker	<i>Volutella</i> sp.	Dane
Chestnut (Unspecified)	Canker Disease	Unspecified canker fungus	Racine
Cotoneaster	Herbicide Damage (Suspected)	None	Ozaukee
Crabapple	Apple Scab (Suspected)	<i>Venturia inaequalis</i>	Grant
	Cedar-Apple Rust	<i>Gymnosporanium juniperi-virginianae</i>	Waukesha
	Fertility Issues (Suspected)	None	Racine
	Girdling Roots (Suspected)	None	Walworth
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Dane, Walworth
	Overly Deep Planting	None	Walworth
Dogwood (Cornelian Cherry)	Fruit Rot	Unspecified fruit rot fungus	Dane
Elderberry	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Elm ('Accolade')	Dutch Elm Disease (Suspected)	<i>Ophiostoma</i> sp.	Brown
Elm (Unspecified)	Brown Wood Rot	<i>Laetiporus sulphureus</i>	Milwaukee
	Dutch Elm Disease (Suspected)	<i>Ophiostoma</i> sp.	Green



BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Hawthorn	Cedar-Quince Rust	<i>Gymnosporangium clavipes</i>	Sauk
Honeylocust	Butt Rot Transplant Shock (Suspected)	<i>Ganoderma lucidum</i> None	Milwaukee Vernon
Indian Hawthorn	Leaf Spot	Unspecified leaf spot fungus	Unknown (GA)
Lilac (Japanese Tree)	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Lilac (Unspecified)	Lilac Witches' Broom (Suspected) Powdery Mildew Septoria Leaf Spot (Suspected)	<i>Candidatus phytoplasma fraxini</i> <i>Oidium</i> sp. <i>Septoria</i> sp.	Dane Dane Dane, Grant, La Crosse
Magnolia	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Maple (Korean)	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Maple (Norway)	Sphaeropsis Canker Tar Spot	<i>Sphaeropsis</i> sp. <i>Rhytisma acerinum</i>	Dane Dane
Maple (Red)	Tar Spot	<i>Rhytisma americanum</i>	Grant
Maple (Three-Flowered)	Phomopsis Canker Tubercularia/Nectria Canker	<i>Phomopsis</i> sp. <i>Tubercularia</i> sp./ <i>Nectria</i> sp.	Dane Dane
Maple (Unspecified)	Anthraxnose (Suspected)	<i>Discula</i> sp.	Grant
Oak (Bur)	Oak Wilt (Suspected)	<i>Bretziella fagacearum</i>	Washington
Oak (Unspecified)	Brown Wood Rot Oak Wilt Oak Wilt (Suspected)	<i>Laetiporum sulphureus</i> <i>Bretziella fagacearum</i> <i>Bretziella fagacearum</i>	Kenosha Chippewa Dane, La Crosse, Racine
Pear (Callery)	Fire Blight	<i>Erwinia amylovora</i>	Waukesha
Serviceberry	Canker Disease	Unspecified canker fungus	Milwaukee
Smoke Tree	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Tree (Unspecified)	Wood Rot	Unspecified wood rot fungus	Eau Claire



BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Tuliptree	Root Rot	<i>Phytophthora</i> sp., <i>Fusarium</i> sp.	Dane
Walnut (Black)	Anthracnose (Suspected) Water Stress (Suspected)	<i>Gloeosporium</i> sp. None	Dane Rock
Witch-Hazel	Fertility Issues (Suspected) Improper Planting (Suspected)	None None	Milwaukee Milwaukee
FIELD CROPS			
Corn	Southern Rust (Suspected)	<i>Puccinia polysora</i>	Green
Soybean	Brown Spot Fusarium Root Rot Phyllosticta Leaf Spot Phytophthora Root and Stem Rot Pythium Root Rot Virus Disease	<i>Septoria glycines</i> <i>Fusarium</i> sp. <i>Phyllosticta</i> sp. <i>Phytophthora</i> sp. <i>Pythium</i> sp. Unspecified virus	Washburn Racine Washburn Racine Racine St. Croix
FORAGE CROPS			
Alfalfa	Spring Black Stem (Suspected)	<i>Phoma medicaginis</i>	Unknown (IA)
FRUIT CROPS			
Apple	Fire Blight	<i>Erwinia amylovora</i>	Brown
Blueberry	Fertility/Soil pH Issues (Suspected)	None	Douglas
Cherry	Cherry Leaf Spot (Suspected)	<i>Blumeriella jaapii</i>	Dane
Currant (White)	Virus Disease	Unspecified virus	La Crosse
Pear	Chemical Burn (Suspected) Fire Blight (Suspected) Pear Scab Transplant Shock	None <i>Erwinia amylovora</i> <i>Venturia pirina</i> None	Dane Chippewa Richland Monroe
Plum	Anthracnose	<i>Gloeosporium</i> sp.	Monroe
Raspberry	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungi/water molds	Calumet

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HERBACEOUS ORNAMENTALS			
Peony	Botrytis Blight/Leaf Spot (Suspected)	<i>Botrytis cinerea</i>	Dane
	Leaf Spot	Unspecified leaf spot fungus	Dane
NEEDED WOODY ORNAMENTALS			
Arborvitae	Canker Disease (Suspected)	Unspecified canker fungus	Ozaukee
	Improper Planting	None	Milwaukee
	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungi/water molds	Ozaukee
	Transplant Shock	None	Milwaukee
Spruce (Unspecified)	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Dane
VEGETABLE CROPS			
Asparagus	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Vernon
Cabbage	Black Rot (Suspected)	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Sheboygan
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>	Marathon, Sheboygan
	Fertility Issues (Suspected)	None	Sheboygan
Melon (Unspecified)	Bacterial Wilt (Suspected)	<i>Erwinia tracheiphila</i>	Dane
Muskmelon	Alternaria Leaf Spot (Suspected)	<i>Alternaria alternata</i> f. sp. <i>cucurbitae</i>	Buffalo
	Angular Leaf Spot (Suspected)	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Marathon
Pepper	Virus disease (suspected)	Unspecified virus	Shawano
Potato	Phytophthora Leaf Blight	<i>Phytophthora nicotianae</i>	Waushara
Rhubarb	Ramularia Leaf Spot (Suspected)	<i>Ramularia</i> sp.	Dane
	Transplant Shock (Suspected)	None	Dane
Snapbean	Common Blight (Suspected)	<i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i>	Sheboygan

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VEGETABLE CROPS (Continued)			
Tomato	Anthracnose (Suspected) Early Blight (Suspected) Virus Disease	<i>Colletotrichum</i> sp. <i>Alternaria solani</i> Unspecified virus	La Crosse Juneau Polk
Watermelon	Alternaria Leaf Spot	<i>Alternaria alternata</i> f. sp. <i>cucurbitae</i>	Milwaukee
SPECIALTY CROPS			
Hemp (Industrial)	Yellow Leaf Spot	<i>Septoria</i> sp.	Waushara
MISCELLANEOUS			
Plant ID	Poison Ivy	None	Door

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".