



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 22, 2020 through August 28, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Water Stress (Suspected)	None	Unknown (CO)
Burning Bush	Edema	None	Dane
Catalpa	Anthracnose	<i>Colletotrichum</i> sp.	Milwaukee
	Phyllosticta Leaf Spot	<i>Phyllosticta</i> sp.	Milwaukee
	Powdery Mildew	<i>Oidium</i> sp.	Milwaukee
Crabapple	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Dane
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
	Transplant Shock (Suspected)	None	Milwaukee
	Water Stress (Suspected)	None	Milwaukee
Dogwood (Red-Twigged)	Water Stress (Suspected)	None	Sauk
Elm (Unspecified)	Water Stress (Suspected)	None	Waukesha
Ginkgo	Water Stress (Suspected)	None	Dane
Lilac (Japanese Tree)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Brown, Chippewa
	Transplant Shock (Suspected)	None	Chippewa, Ozaukee
	Water Stress (Suspected)	None	Chippewa, Ozaukee
Lilac (Unspecified)	Lichens	None	Milwaukee



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Lilac (Unspecified)	Root/Crown Rot (Suspected)	Unidentified root/crown rot fungi/water molds	Milwaukee
	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Dane
	Transplant Shock (Suspected)	None	Dane
Linden (Unspecified)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Waukesha
Maple (Norway)	Tar Spot	<i>Rhytisma acerinum</i>	Dane
Maple (Sugar)	Coniothyrium Leaf Spot	<i>Coniothyrium</i> sp.	Milwaukee
Maple (Unspecified)	Girdling Roots	None	La Crosse
	Girdling Roots (Suspected)	None	Brown
	Overly Deep Planting	None	Brown, La Crosse
	Purple-Bordered Leaf Spot (Suspected)	<i>Phyllosticta minima</i>	Fond Du Lac
	Transplant Shock (Suspected)	None	Calumet
	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane, Fond du Lac
Water Stress (Suspected)	None	None	Calumet
Mulberry (Black)	Frost Crack	None	Dodge
Oak (Bur)	Armillaria Root Disease (Suspected)	<i>Armillaria</i> sp.	Waukesha
	Bur Oak Blight (Suspected)	<i>Tubakia iowensis</i>	Waukesha
	Herbicide Damage (Suspected)	None	Waukesha
Oak (Chinkapin)	Powdery Mildew	<i>Oidium</i> sp.	Outagamie
Oak (Pin)	Water Stress (Suspected)	None	Dane
Oak (Unspecified)	Oak Wilt (Suspected)	<i>Bretziella fagacearum</i>	Grant
	Tubakia Leaf Spot (Suspected)	<i>Tubakia dryina</i>	Jefferson
Ohio Buckeye	Chlorosis	None	Dane
Privet	Powdery Mildew (Suspected)	<i>Oidium</i> sp.	Brown



BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Serviceberry	Powdery Mildew Water Stress (Suspected)	<i>Oidium</i> sp. None	Waukesha Washington, Waukesha
Walnut (English)	Girdling Roots (Suspected) Overly Deep Planting (Suspected)	None None	Sheboygan Sheboygan
FRUIT CROPS			
Apple ('Honeycrisp')	Gymnosporangium Rust Zonal Leaf Chlorosis	<i>Gymnosporangium</i> sp. None	Vernon Vernon
Apple (Unspecified)	Fire Blight (Suspected) Gymnosporangium Rust Water Core (Suspected)	<i>Erwinia amylovora</i> <i>Gymnosporangium</i> sp. None	Vernon Vernon Barron
Cherry	Cherry Leaf Spot	<i>Blumeriella jaapii</i>	Monroe
Cranberry	Cranberry False Blossom	Cranberry false blossom phytoplasma	Wood
Grape (Unspecified)	Anthracnose Downy Mildew Virus Disease (Suspected)	<i>Sphaceloma ampelinum</i> <i>Plasmopara viticola</i> Unidentified virus	Dane, Langlade Dane Langlade
Pear (Unspecified)	Pear Scab (Suspected)	<i>Venturia pirina</i>	Monroe
HERBACEOUS ORNAMENTALS			
Black-Eyed Susan	Virus Disease (Suspected)	Unspecified virus	Eau Claire
Peony (Shrub)	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungi/water molds	Marathon
Peony (Tree)	Root/Crown Rot	<i>Phytophthora</i> sp.	Dane
Sunflower	Mechanical Damage (Suspected)	None	Dane
NEEDED WOODY ORNAMENTALS			
Bald Cypress	Transplant Shock (Suspected) Water Stress (Suspected)	None None	Milwaukee Milwaukee
Spruce (Blue)	Rhizosphaera Needle Cast Spruce Needle Drop	<i>Rhizosphaera kalkhoffii</i> <i>Setomelanomma holmii</i>	Walworth Walworth



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NEEDED WOODY ORNAMENTALS (Continued)			
Spruce (Unspecified)	Diplodia Shoot Blight And Canker	<i>Diplodia</i> sp.	Waukesha
	Lichens	None	Milwaukee
	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Milwaukee
	Transplant Shock (Suspected)	None	Dane
	Water Stress (Suspected)	None	Dane
Tamarack	Brown Spot	<i>Mycosphaerella larcina</i>	Pierce
VEGETABLE CROPS			
Beet (Sugar)	Rhizoctonia Root and Crown Rot	<i>Rhizoctonia solani</i>	Manitowoc
Carrot	Fusarium Dry Rot	<i>Fusarium equiseti</i>	Manitowoc
	Rhizoctonia Canker	<i>Rhizoctonia solani</i>	Manitowoc
Cucumber	Fertility Issues (Suspected)	None	Sheboygan
Peppers (Bell)	Virus Disease (Suspected)	Unspecified virus	Milwaukee
Potato	Fertility Issues (Suspected)	None	Sheboygan
Pumpkin ('Atlantic Giant')	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Fond Du Lac
	Powdery Mildew	<i>Podosphaera xanthii</i>	Fond Du Lac
	Xanthomonas Leaf Spot	<i>Xanthomonas</i> sp.	Fond Du Lac
Snapbean	Common Blight (Suspected)	<i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i>	Dane
Tomato	Gray Mold	<i>Botrytis cinerea</i>	Dodge
MISCELLANEOUS			
Fungus ID	Pale Chicken-of-the-Woods (<i>Laetiporus cincinnatus</i>)	None	St. Croix
Plant ID	Clover (Alsike) (<i>Trifolium hybridum</i>)	None	Shawano
	Clover (White) (<i>Trifolium repens</i>)	None	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".