



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 September 26, 2020 through October 2, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Ash Yellows (Suspected)	Ash yellows phytoplasma	Shawano
Beech (American)	Wood Rot	<i>Ganoderma</i> sp.	Waukesha
Boxwood	Fusarium Canker	<i>Fusarium</i> sp.	Waukesha
	Macrophoma Leaf Blight (Suspected)	<i>Macrophoma</i> sp.	Dane, Ozaukee
	Volutella Canker	<i>Volutella</i> sp.	Waukesha
	Water Stress	None	Ozaukee
	Winter Burn	None	Dane
Crabapple	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Dane
Dogwood (Variegated Red Twig)	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Dunn
	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Dunn
Elm ('Triumph')	Water Stress (Suspected)	None	Racine
Hickory (Unspecified)	Downy Leaf Spot	<i>Microstroma juglandis</i>	Dane
	Melanconium Canker	<i>Melanconium</i> sp.	Dane
Honeylocust	Thyronectria Canker	<i>Thyronectria austroamericana</i>	Dane
Lilac (Japanese Tree)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Brown
	Transplant Shock (Suspected)	None	Brown

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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Lilac (Unspecified)	Septoria Leaf Spot Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp. <i>Septoria</i> sp.	Dunn Dane
Magnolia	Powdery Mildew	<i>Oidium</i> sp.	Dane
Maple (Korean)	Cold Injury (Suspected) Wood Rot	None Unspecified wood rot fungus	Dane Dane
Maple (Norway)	Anthracnose (Suspected) Tar Spot Verticillium Wilt (Suspected)	<i>Discula</i> sp. <i>Rhytisma acerinum</i> <i>Verticillium</i> sp.	Dodge Dodge Dodge
Maple (Unspecified)	Canker Disease Girdling Roots (Suspected) Overly Deep Planting Tar Spot Verticillium Wilt (Suspected)	Unspecified Canker Fungus None None <i>Rhytisma</i> sp. <i>Verticillium</i> sp.	Milwaukee Walworth Walworth Walworth Fond Du Lac, La Crosse
Oak (Bur)	Anthracnose Chlorosis Oak Wilt (Suspected) Tubakia Leaf Spot Tubakia Leaf Spot (Suspected)	<i>Discula</i> sp. None <i>Bretziella fagacearum</i> <i>Tubakia dryina</i> <i>Tubakia dryina</i>	Brown Brown Columbia Brown La Crosse
Oak (White)	Chlorosis Tubakia Leaf Spot	None <i>Tubakia dryina</i>	Waukesha Waukesha
Oak (Unspecified)	Oak Wilt (Suspected) Sphaeropsis Canker	<i>Bretziella fagacearum</i> <i>Sphaeropsis</i> sp.	Barron, Marathon Barron
Pachysandra	Volutella Blight (Suspected)	<i>Volutella pachysandricola</i>	Dane
Pear (Callery)	Girdling Roots (Suspected) Overly Deep Planting	None None	Dodge Dodge
Willow (Weeping)	Cytospora Canker	<i>Cytospora</i> sp.	Waukesha



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FIELD CROPS			
Corn	Ear Rot	Unspecified ear rot fungi	Dodge
	Northern Corn Leaf Spot (Suspected)	<i>Bipolaris zeicola</i>	Trempealeau
	Tar Spot (Suspected)	<i>Phyllachora maydis</i>	Trempealeau
Soybean	Phytophthora Root and Stem Rot (Suspected)	<i>Phytophthora</i> sp.	Columbia
	Stem Canker	<i>Diaporthe phaseolorum</i>	Columbia
	Stem Canker (Suspected)	<i>Diaporthe phaseolorum</i>	Sheboygan
FRUIT CROPS			
Apple ('Honeycrisp')	Root Rot	<i>Fusarium oxysporum</i> , <i>Phytophthora</i> sp., <i>Rhizoctonia solani</i>	Jackson
Cranberry	Upright Dieback	<i>Phomopsis</i> sp.	Wood
HERBACEOUS ORNAMENTALS			
Black-Eyed Susan ('Goldsturm')	Anthracnose	<i>Colletotrichum</i> sp.	Milwaukee
	Septoria Leaf Spot	<i>Septoria</i> sp.	Milwaukee
Dahlia	Fertility Issues (Suspected)	None	Douglas
Daisy (Shasta)	Root/Crown Rot	Unspecified root/crown rot fungi/water molds	Dane
Turf (Unspecified)	Slime Mold (<i>Physarum</i>)	None	Door
NEEDED WOODY ORNAMENTALS			
Arborvitae	Canker Disease (Suspected)	Unspecified canker fungus	Grant
	Seasonal Needle Drop (Suspected)	None	Brown
Fir (Unspecified)	Frost Crack	None	Dane
	Girdling Roots (Suspected)	None	Dane
	Overly Deep Planting	None	Dane
Pine (White)	Seasonal Needle Drop	None	Dane
VEGETABLE CROPS			
Beet (Table)	Cercospora Leaf Spot (Suspected)	<i>Cercospora beticola</i>	Manitowoc
Cucurbits (Miscellaneous)	Sour Rot (Suspected)	<i>Geotrichum</i> sp.	Rock
Potato	Fusarium Dry Rot	<i>Fusarium</i> sp.	Dane

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VEGETABLE CROPS (Continued)			
Pumpkin	Fusarium Fruit Rot	<i>Fusarium</i> sp.	Jefferson

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".