



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 5, 2020 through September 11, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Beech (American)	Chlorosis Water Stress (Suspected)	None None	Waukesha Waukesha
Boxwood	Boxwood Blight (Suspected) Volutella Canker (Suspected)	<i>Calonectria pseudonaviculata</i> <i>Volutella</i> sp.	Unknown (MD) Waukesha
Hickory (Unspecified)	Anthracnose (Suspected)	<i>Gnomonia</i> sp.	Columbia
Hydrangea	Water Stress (Suspected)	None	Dane
Lilac (Common)	Powdery Mildew Septoria Leaf Spot	<i>Oidium</i> sp. <i>Septoria</i> sp.	La Crosse La Crosse
Lilac (Japanese Tree)	Girdling Roots (Suspected) Overheated Roots (Suspected) Overly Deep Planting Septoria Leaf Spot Verticillium Wilt	None None None <i>Septoria</i> sp. <i>Verticillium</i> sp.	Sauk Sauk Sauk La Crosse Dane
Lilac (Unspecified)	Phomopsis Canker Powdery Mildew Septoria Leaf Spot (Suspected)	<i>Phomopsis</i> sp. <i>Oidium</i> sp. <i>Septoria</i> sp.	Waukesha Jefferson Grant, Jefferson, Lafayette
Magnolia	Diplodia Canker	<i>Diplodia</i> sp.	Waukesha



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Maple (Silver)	Tar Spot	<i>Rhytisma americanum</i>	Green
Maple (Unspecified)	Chlorosis	None	Dane
	Girdling Roots	None	Waukesha
	Girdling Roots (Suspected)	None	Dane, La Crosse
	Overly Deep Planting	None	Dane, La Crosse
	Transplant Shock (Suspected)	None	Dane, Lafayette
Water Stress (Suspected)	None	La Crosse, Lafayette, Portage	
	Wood Rot	<i>Irpex lacteus</i>	La Crosse
Oak (Bur)	Bur Oak Blight	<i>Tubakia iowensis</i>	Eau Claire, Winnebago
Oak (Unspecified)	Oak Wilt (Suspected)	<i>Bretziella fagacearum</i>	Vilas
	Tubakia Leaf Spot (Suspected)	<i>Tubakia dryina</i>	Dane, Washington
Pear (Ornamental)	Water Stress (Suspected)	None	Dane
Sumac (Fragrant)	Fusarium Wilt	<i>Fusarium oxysporum</i>	Waukesha
Walnut (Black)	Anthracnose (Suspected)	<i>Gnomonia</i> sp.	Columbia
Willow (Unspecified)	Fungal Leaf Spot (Suspected)	Unspecified leaf spot fungus	Dane
FIELD CROPS			
Soybean	Brown Stem Rot	<i>Phialophora gregata</i>	Barron
FRUIT CROPS			
Apple ('Honeycrisp')	Zonal Leaf Chlorosis	None	Columbia
Apple (Unspecified)	Canker Disease	Unspecified canker pathogen	Grant
	Chlorosis	None	Columbia
	Flyspeck	<i>Schizothyrium pomi</i>	Portage
	Frost Crack	None	Lincoln
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Columbia, Grant



FRUIT CROPS (Continued)			
Apple (Unspecified)	Overly Deep Planting (Suspected)	None	Lincoln
	Phomopsis Canker	<i>Phomopsis</i> sp.	Waupaca
	Root Rot	<i>Fusarium oxysporum</i>	Waupaca
	Root Rot (Suspected)	Unspecified root rot fungi/water molds	Columbia
	Sap Rot	<i>Schizophyllum commune</i>	Lincoln
	Sooty Blotch	Miscellaneous sooty blotch fungi	Portage
	Water Stress (Suspected)	None	Columbia
Cranberry	Blotch Rot	<i>Phylospora vaccinii</i>	Wood
	Early Rot	<i>Phyllosticta vaccinii</i>	Wood
Grape	Downy Mildew	<i>Plasmopara viticola</i>	Vilas
	Ripe Rot	<i>Colletotrichum</i> sp.	Dane
Raspberry	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungus/water molds	Dodge
HERBACEOUS ORNAMENTALS			
Beebalm	Anthracnose	<i>Colletotrichum</i> sp.	Eau Claire
Black-Eyed Susan	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Columbia
Coneflower (Purple)	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Columbia
Hosta	Slug Damage (Suspected)	None	Columbia
Milkweed	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungi/water molds	Columbia
Turf	Algal (<i>Nostoc</i>) Growth (Suspected)	None	Marinette
NEEDED WOODY ORNAMENTALS			
Fir (Unspecified)	Broom Rust (Suspected)	<i>Melampsorella caryophyllacearum</i>	Dane
Spruce (Norway)	Fertility Issues	None	Crawford
	Water Stress (Suspected)	None	Crawford
Spruce (Serbian)	Fertility Issues (Suspected)	None	Dane



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NEEDED WOODY ORNAMENTALS (Continued)			
Spruce (Unspecified)	Cytospora Canker Cytospora Canker (Suspected) Rhizosphaera Needle Cast (Suspected)	<i>Cytospora kunzei</i> <i>Cytospora kunzei</i> <i>Rhizosphaera kalkhoffii</i>	Sauk Dane Dane, Sauk
VEGETABLE CROPS			
Cabbage	Chemical Burn (Suspected)	None	Vernon
Cauliflower	Black Rot	<i>Xanthomonas</i> sp.	Unknown (ME)
Potato	Black Dot	<i>Colletotrichum coccodes</i>	Adams
Tomato	Powdery Mildew Septoria Leaf Spot (Suspected)	<i>Oidium</i> sp. <i>Septoria lycopersici</i>	Green Washington
MISCELLANEOUS			
Plant ID	Climbing False Buckwheat (<i>Fallopia scandens</i>)	None	Vilas

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".