



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 29, 2020 through September 4, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Burning Bush	Transplant Shock (Suspected)	None	Dane
	Water Stress (Suspected)	None	Dane
Catalpa	Verticillium Wilt	<i>Verticillium</i> sp.	Waukesha
Crabapple	Apple Scab (Suspected)	<i>Venturia inaequalis</i>	Dubuque (IA)
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Brown, Dane
	Heart Rot (Suspected)	Unspecified heart rot fungus	Eau Claire
Dogwood (Pagoda)	Anthracnose	<i>Colletotrichum gloeosporioides</i>	Sheboygan
	Fruit Rot	<i>Colletotrichum gloeosporioides</i>	Sheboygan
Hawthorn	Cedar-Quince Rust (Suspected)	<i>Gymnosporangium clavipes</i>	Waukesha
Hydrangea	Cercospora Leaf Spot (Suspected)	<i>Cercospora</i> sp.	Waukesha
	Fertility Issues (Suspected)	None	Waukesha
Lilac (Japanese Tree)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Dane
	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Door, Sauk
Lilac (Unspecified)	Lilac Witches'-Broom (Suspected)	Ash yellows phytoplasma	Pierce



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Lilac (Unspecified)	Powdery Mildew Septoria Leaf Spot (Suspected) Verticillium Wilt (Suspected)	<i>Oidium</i> sp. <i>Septoria</i> sp. <i>Verticillium</i> sp.	Dane La Crosse, Rock Milwaukee
Maple (Norway)	Overly Deep Planting Sun Scald (Suspected) Tar Spot	None None <i>Rhytisma acerinum</i>	Dunn Dunn Dane
Maple (Unspecified)	Girdling Roots (Suspected) Herbicide Damage (Suspected) Overly Deep Planting Powdery Mildew Verticillium Wilt (Suspected) Water Stress (Suspected)	None None None <i>Oidium</i> sp. <i>Verticillium</i> sp. None	Chippewa, Dane Door Chippewa, Dane Door Dane, Dodge Trempealeau
Oak (Bur)	Bur Oak Blight Butt Rot Fungal Leaf Disease (Suspected) Oak Wilt (Suspected)	<i>Tubakia iowensis</i> <i>Ganoderma lucidum</i> Unspecified leaf disease fungus <i>Bretziella fagacearum</i>	Green Lake Rock Grant Racine
Oak (White)	Armillaria Root Disease	<i>Armillaria mellea</i>	Waukesha
Oak (Unspecified)	Chlorosis (Suspected) Tubakia Leaf Spot (Suspected)	None <i>Tubakia dryina</i>	Dane Dane
Rose	Physical Injury (Suspected) Rose Rosette Disease (Suspected)	None Rose rosette virus	Dane Sauk
Smokebush	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Eau Claire
FIELD CROPS			
Soybean	Stem Canker Sudden Death Syndrome	<i>Diaporthe</i> sp. <i>Fusarium virguliforme</i>	Dodge Dodge



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FRUIT CROPS			
Apple	Bitter Pit (Suspected)	None	Monroe
	Canker Disease	Unspecified canker pathogen	Dane
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Dane, Winnebago
	Transplant Shock (Suspected)	None	Eau Claire
	Water Stress (Suspected)	None	Eau Claire
Blueberry	Cytospora Canker	<i>Cytospora</i> sp.	Douglas
	Phomopsis Canker	<i>Phomopsis</i> sp.	Jackson
	Root Rot	<i>Phytophthora</i> sp.	Jackson
Grape	Anthracoese	<i>Sphaceloma ampelinum</i>	Monroe
	Black Rot	<i>Guignardia bidwellii</i>	Monroe
	Fertility Issues (Suspected)	None	Portage
	Rupestis Speckle (Suspected)	None	Portage
Pear	Black Rot (Suspected)	<i>Botryosphaeria obtusa</i>	Monroe
	Pear Scab (Suspected)	<i>Venturia pirina</i>	Monroe, Portage
HERBACEOUS ORNAMENTALS			
Astilbe	Water Stress (Suspected)	None	Waukesha
Bluestars	Cercospora Leaf Spot (Suspected)	<i>Cercospora</i> sp.	Dane
Brunnera	Water Stress (Suspected)	None	Waukesha
Chrysanthemum	Root Rot	<i>Pythium</i> sp.	Jefferson
Clematis	Clematis Wilt (Suspected)	Unspecified fungal pathogen	Waukesha
Grass (Ornamental 'Karl Foerster')	Ergot (Suspected)	<i>Claviceps purpurea</i>	Waukesha
Hosta	Hosta Virus X (Suspected)	<i>Hosta virus X</i>	Dubuque (IA)
	Sunburn (Suspected)	None	Waukesha
Milkweed	Aster Yellows (Suspected)	Aster yellows phytoplasma	Bayfield
Sweet Pea	Powdery Mildew	<i>Oidium</i> sp.	Waukesha
Zinnia	Xanthomonas Leaf Spot	<i>Xanthomonas</i> sp.	Waukesha

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HOUSEPLANTS			
Aloe	Fusarium Crown Rot/ Leaf Spot	<i>Fusarium</i> sp.	Dane
NEEDED WOODY ORNAMENTALS			
Arborvitae	Fungal Canker (Suspected)	Unspecified canker fungus	Waukesha
Fir (Balsam)	Broom Rust	<i>Melampsorella caryophyllacearum</i>	Barron
Fir (Caanan/Fraser)	Root Rot	<i>Phytophthora</i> sp., <i>Fusarium oxysporum</i>	St. Croix
Spruce (Unspecified)	Cytospora Canker (Suspected)	<i>Cytospora kunzei</i>	Winnebago
	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Winnebago
VEGETABLE CROPS			
Pepper (Bell)	Blossom End Rot (Suspected)	None	Iron
	Sun Scald (Suspected)	None	Iron
Tomato	Anthracoise	<i>Colletotrichum</i> sp.	Dane, La Crosse
SPECIALTY CROPS			
Hemp (Industrial)	Fertility Issues (Suspected)	None	Dunn
	Fungal Leaf Spot (Suspected)	Unspecified Leaf Spot Fungus	Dunn, Marathon
	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Marathon
MISCELLANEOUS			
Fungus ID s	<i>Omphalotus</i> sp.	None	Dane
Plant ID	Wild Grape (<i>Vitis</i> sp.)	None	Columbia

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".