



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 19, 2020 through September 25, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD LEAFED WOODY ORNAMENTALS</b>			
Birch (Paper)	Septoria Leaf Spot	<i>Septoria betulae</i>	Waukesha
Crabapple	<a href="#">Fire Blight</a> (Suspected) Sphaeropsis Canker	<i>Erwinia amylovora</i> <i>Sphaeropsis</i> sp.	Waukesha Waukesha
Honeylocust	Thyronectria Canker	<i>Thyronectria austroamericana</i>	Waukesha
Hydrangea	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Waukesha
Lilac (Japanese Tree)	<a href="#">Verticillium Wilt</a>	<i>Verticillium</i> sp.	Door
Lilac (Unspecified)	<a href="#">Lilac Witches'-Broom</a> Septoria Leaf Spot (Suspected)	Ash yellows phytoplasma <i>Septoria</i> sp.	Waukesha Eau Claire
Maple (Japanese)	Cold Injury (Suspected)	None	Dane
Maple (Norway)	Girdling Roots (Suspected) Overly Deep Planting <a href="#">Tar Spot</a>	None None <i>Rhytisma acerinum</i>	Iowa, Shawano Iowa, Shawano Iowa, Shawano
Maple (Sugar)	Girdling Roots (Suspected) Overly Deep Planting (Suspected) Steganosporium Canker	None None <i>Steganosporium</i> sp.	Waukesha Waukesha Dane
Maple (Unspecified)	Girdling Roots (Suspected) Overly Deep Planting	None None	Iowa Iowa



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Oak (Bur)	Bur Oak Blight	<i>Tubakia iowensis</i>	Sauk, Walworth, Waukesha
	Bur Oak Blight (Suspected)	<i>Tubakia iowensis</i>	Dane
	Oak Wilt	<i>Bretziella fagacearum</i>	Dane
	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Sauk, Waukesha
	Tubakia Leaf Spot (Suspected)	<i>Tubakia dryina</i>	Dane
Oak (White)	Chlorosis	None	Brown
Oak (Unspecified)	Chlorosis	None	Rock
	Heart Rot	Unspecified heart rot fungus	Iowa
	Oak Wilt	<i>Bretziella fagacearum</i>	Marathon, Waukesha
	Poor Siting	None	Rock
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Door
Spirea	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Dane
	Leaf Spot (Suspected)	Unspecified leaf spot fungus	Dane
	Sooty Mold (Suspected)	Miscellaneous sooty mold fungi	Dane
Weigela	Phomopsis Canker	<i>Phomopsis</i> sp.	Waukesha
FIELD CROPS			
Soybean	Brown Spot	<i>Septoria glycines</i>	Dodge
	Frogeye Leaf Spot	<i>Cercospora sojina</i>	Dodge
	Sclerotinia Stem Rot	<i>Sclerotinia sclerotiorum</i>	Marathon
FORAGE CROPS			
Sorghum-Sudangrass	Leaf Blight (Suspected)	<i>Exserohilum turcicum</i>	Lafayette
FRUIT CROPS			
Apple	Gymnosporangium Rust (Suspected)	<i>Gymnosporangium</i> sp	Waupaca
	Phomopsis Canker	<i>Phomopsis</i> sp.	Richland



<b>FRUIT CROPS (Continued)</b>			
Plum	Frost Crack	None	Dane
	Girdling Roots (Suspected)	None	Dane
	Overly Deep Planting	None	Dane
<b>HERBACEOUS ORNAMENTALS</b>			
Cactus ( <i>Opuntia</i> sp.)	Anthracnose	<i>Mycosphaerella opuntiae</i>	Dane
Fern (Unspecified)	Heat/Water Stress (Suspected)	None	Racine
Gallant Soldiers	Anthracnose	<i>Colletotrichum</i> sp.	Lincoln
	Marssonina Leaf Spot	<i>Marssonina</i> sp.	Lincoln
Peony	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungi/water molds	Outagamie
Phlox	Fertility Issues (Suspected)	None	Outagamie
	Powdery Mildew	<i>Oidium</i> sp.	Outagamie
	Water Stress (Suspected)	None	Outagamie
Sunflower	Alternaria Leaf Blight (Suspected)	<i>Alternaria</i> sp.	Dane
	Fertility Issues (Suspected)	None	Dane
	Water Stress (Suspected)	None	Dane
<b>HOUSEPLANTS</b>			
Alocasia	Xanthomonas Leaf Blight (Suspected)	<i>Xanthomonas axonopodis</i> pv. <i>dieffenbachiae</i>	Unknown (CA)
Philodendron (Silver Leaf)	Virus Disease (Suspected)	Unspecified plant virus	Marinette
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	Canker Disease (Suspected)	Unspecified canker fungus	Monroe
	Water Stress (Suspected)	None	Dane
Douglas-Fir	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Fusarium</i> sp.	Racine
Fir (Balsam)	Root/Crown Rot	<i>Phytophthora</i> sp.	Racine
Fir (Unspecified)	Canker Disease (Suspected)	Unspecified canker fungus	Dane
	Water Stress (Suspected)	None	Dane

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<b>NEEDED WOODY ORNAMENTALS (Continued)</b>			
Hemlock (Eastern)	Fertility Issues (Suspected) Poor Siting (Suspected) Water Stress (Suspected)	None None None	Racine Racine Racine
Pine (Scots)	<a href="#">Brown Spot</a> <a href="#">Brown Spot</a> (Suspected) <a href="#">Diplodia Shoot Blight and Canker</a> <a href="#">Diplodia Shoot Blight and Canker</a> (Suspected)	<i>Mycosphaerella dearnessii</i> <i>Mycosphaerella dearnessii</i> <i>Diplodia</i> sp. <i>Diplodia</i> sp.	Sheboygan Iowa Sheboygan Sheboygan
Pine (White)	Phomopsis Canker (Suspected) Seasonal Needle Drop	<i>Phomopsis</i> sp. None	Monroe Manitowoc
Spruce (Black Hills)	Water Stress (Suspected)	None	Monroe
Spruce (Unspecified)	Fertility Issues (Suspected) <a href="#">Rhizosphaera Needle Cast</a>	None <i>Rhizosphaera kalkhoffii</i>	Iowa Iowa
<b>VEGETABLE CROPS</b>			
Snapbean	Common Blight (Suspected)	<i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i>	Waukesha
Squash (Delicata)	Virus Disease (Suspected)	Unspecified plant virus	St. Croix
Squash (Zucchini)	Virus Disease (Suspected)	Unspecified plant virus	Kenosha
<b>SPECIALTY CROPS</b>			
Hemp (Industrial)	Downy Mildew Fusarium Wilt Yellow Leaf Spot	<i>Pseudoperonospora</i> sp. <i>Fusarium oxysporum</i> <i>Septoria</i> sp.	Marathon Marathon Marathon
<b>MISCELLANEOUS</b>			
Plant ID	Milfoil (Unspecified)	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](http://pddc.wisc.edu), follow the clinic on Facebook and Twitter @UWPDDC or email [pddc@wisc.edu](mailto:pddc@wisc.edu) to subscribe to the PDDC listserv "UWPDDCLearn".