



Extension

UNIVERSITY OF WISCONSIN-MADISON

UW-Madison/Extension Plant Disease Diagnostic Clinic (PDDC) Update

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In 2022, the PDDC continues to provide diagnoses through examination of digital photographs, as well as physical samples. [Click here](#) for the PDDC's current submission policy, as well as information on the PDDC's current [fee](#) structure. Digital diagnoses will be included in the Wisconsin Disease Almanac and 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 13, 2022 through August 19, 2022.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Cytospora Canker Frost Crack Sphaeropsis Canker	<i>Cytospora</i> sp. None <i>Sphaeropsis</i> sp.	Dane Shawano Dane
Burning Bush	Herbicide Damage	None	Waukesha
Crabapple	Lipstick Rust	<i>Gymnosporangium yamadae</i>	Kenosha
Lilac (Japanese Tree)	Verticillium Wilt	<i>Verticillium</i> sp.	Milwaukee
Lilac (Shrub)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Adams, Dane
Maple (Japanese)	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
Maple (Three-Flowered)	Verticillium Wilt	<i>Verticillium</i> sp.	Sheboygan
Mulberry	White Rot	<i>Irpex lacteus</i>	Brown
Oak (Black)	Chlorosis	None	Dane
Oak (Bur)	Bur Oak Blight Oak Wilt Root/Crown Rot	<i>Tubakia iowensis</i> <i>Bretziella fagacearum</i> <i>Phytophthora</i> sp.	Dane Dane Dane
Oak (White)	Chlorosis	None	Jefferson
Oak (Unspecified)	Chlorosis Oak Wilt	None <i>Bretziella fagacearum</i>	Washington Chippewa, Kenosha
Willow	White Rot Wood Rot	<i>Polyporus squamosus</i> Unspecified wood rot fungus	Waukesha Iron



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FRUIT CROPS			
Apricot	Transplant Shock (Suspected)	None	Dane
Grape	Black Rot	<i>Phyllosticta ampellicida</i>	Portage
Peach	Bacterial Canker	<i>Pseudomonas syringae</i>	Dane
Pear	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Columbia
Raspberry	Root/Crown Rot (Suspected)	Unspecified root/crown rot fungi/water molds	Adams
HERBACEOUS ORNAMENTALS			
Cardinal Flower	Phytoplasma Disease (Suspected)	Unspecified Phytoplasma	Dane
Hosta	Root/Crown Rot	<i>Phytophthora</i> sp. <i>Fusarium</i> sp.	Walworth
Joe Pye Weed	Phomopsis Canker Root Rot	<i>Phomopsis</i> sp. <i>Phytophthora</i> sp. <i>Fusarium</i> sp.	Sauk Sauk
Lobelia	Phytoplasma Disease (Suspected)	Unspecified Phytoplasma	Dane
Peony	Root Rot	<i>Cylindrocarpon</i> sp.	Sauk
Turtlehead (White)	Phoma Leaf Blight Potyvirus Disease	<i>Phoma</i> sp. Unspecified potyvirus	Rock Rock
NEEDED WOODY ORNAMENTALS			
Fir (Concolor)	Transplant Shock (Suspected)	None	Marinette
Red Cedar	Cedar-Apple Rust Kabatina Tip Blight Phomopsis Tip Blight	<i>Gymnosporangium juniperi-virginianae</i> <i>Kabatina</i> sp. <i>Phomopsis juniperovora</i>	Dane Dane Dane
Spruce (Bird's-Nest)	Cytospora Canker (Suspected) Rhizosphaera Needle Cast	<i>Cytospora kunzei</i> <i>Rhizosphaera kalkhoffii</i>	Dane Dane
Spruce (Norway)	Cytospora Canker Root/Crown Rot	<i>Cytospora kunzei</i> <i>Phytophthora</i> sp.	Waukesha Waukesha

Wisconsin Horticulture Update



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VEGETABLE CROPS			
Pepper (Miscellaneous)	Fusarium Root Rot	<i>Fusarium</i> sp.	Waushara
	Phytophthora Blight	<i>Phytophthora</i> sp.	Waushara
	Rhizoctonia Root Rot	<i>Rhizoctonia</i> sp.	Waushara
Cucumber	Bacterial Wilt	<i>Erwinia tracheiphila</i>	Grant
Tomato	Walnut Toxicity	None	Dane
Watermelon	Anthrachnose	<i>Colletotricum orbiculare</i>	Dane

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".