



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

Brian Hudelson, Sue Lueloff and Ann Joy

In 2021, the PDDC continues with limited hours and limited sample processing capacity due to COVID-19. [Click here](#) for the PDDC's current submission policy. The PDDC is continuing to provide diagnoses through examination of digital photographs, although in 2021 there will be a **fee** for this service. As in 2020, digital diagnoses will be included in the Wisconsin Disease Almanac. 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 7, 2021 through August 13, 2021.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Beech (Blue)	Canker Disease (Suspected)	Unspecified canker fungus	Dane
Boxwood	Volutella Canker	<i>Volutella</i> sp.	Ozaukee
Crabapple	Apple Scab (Suspected) Cedar-Apple Rust Lichens Sphaeropsis Canker	<i>Venturia inaequalis</i> <i>Gymnosporangium juniperi-virginianae</i> None <i>Sphaeropsis</i> sp.	La Crosse Dane, Jefferson Jefferson Dane, Jefferson, La Crosse
Elm (Unspecified)	Anthracnose (Suspected)	<i>Discula</i> sp.	Waukesha
Lilac	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Buffalo, Eau Claire, Jackson, Sauk
Maple (Japanese)	Phomopsis Canker Sphaeropsis Canker	<i>Phomopsis</i> sp. <i>Sphaeropsis</i> sp.	Dane Dane
Maple (Korean)	Sun Scald (Suspected) Wood Rot	None Unspecified wood rot fungus	Dane Dane
Maple (Norway)	Tar Spot	<i>Rhytisma</i> sp.	Dane
Maple (Sugar)	Wood Rot	<i>Irpex lacteus</i>	Marathon
Oak (Bur)	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Kenosha



Extension

UNIVERSITY OF WISCONSIN-MADISON

Wisconsin Horticulture Update

BROAD-LEAFED WOODY ORNAMENTALS (Continued)			
Oak (Unspecified)	Chlorosis Oak Wilt	None <i>Bretziella fagacearum</i>	Milwaukee, Winnebago Shawano
Redbud	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Serviceberry	Fertility Issues (Suspected) Water Stress (Suspected)	None None	La Crosse La Crosse
Viburnum	Phomopsis Gall (Suspected)	<i>Phomopsis</i> sp.	Waukesha
FRUIT CROPS			
Apple	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	La Crosse
Cherry	Cherry Leaf Spot (Suspected)	<i>Blumeriella jaapii</i>	Monroe (IN)
Raspberry	Cane Blight	<i>Paraconiothyrium fuckelii</i>	Polk
HERBACEOUS ORNAMENTALS			
Dianthus	Heat Injury (Suspected) Water Stress (Suspected)	None None	La Crosse La Crosse
Hosta	Sunburn	None	Adams
Milkweed	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Dane
Phlox	Virus Disease (Suspected)	Unspecified virus	Dane
NEEDED WOODY ORNAMENTALS			
Fir (Unspecified)	Phytophthora Root Rot Transplant Shock (Suspected) Water Stress (Suspected)	<i>Phytophthora</i> sp. None None	Crawford Crawford Crawford
Juniper	Diplodia Shoot Blight and Canker	<i>Diplodia</i> sp.	Waukesha
Pine (White)	Diplodia Shoot Blight and Canker Phomopsis Canker	<i>Diplodia</i> sp. <i>Phomopsis</i> sp.	Wood Wood
Spruce (Norway)	Fusarium Root Rot	<i>Fusarium</i> sp.	Waukesha
Spruce (Unspecified)	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Taylor

Wisconsin Horticulture Update



Extension

UNIVERSITY OF WISCONSIN-MADISON

VEGETABLE CROPS			
Bean (Black)	Lack of Nodulation	None	Waukesha
Cantaloupe	Root/Crown Rot	<i>Pythium</i> sp., <i>Fusarium</i> sp.	Fillmore (MN)
Potato	Bacterial Soft Rot	<i>Pectobacterium</i> sp.	Dane
Pumpkin	Nutrient Issues (Suspected)	None	Richland
	Water Stress (Suspected)	None	Richland
Squash (Butternut)	Squash Mosaic	<i>Squash mosaic virus</i>	Fillmore (MN)
Tomato	Phosphorus Deficiency (Suspected)	None	Dane
	Septoria Leaf Spot (Suspected)	<i>Septoria lycopersici</i>	Richland
	Walnut Toxicity (Suspected)	None	Dane
	Water Stress (Suspected)	None	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".