



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 20, 2022 through August 26, 2022.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Birch (White)	Chlorosis	None	Rock
Boxwood	Fusarium Canker Volutella Canker	<i>Fusarium</i> sp. <i>Volutella</i> sp.	Dane Dane
Crabapple	Cedar-Apple Rust Lipstick Rust Lipstick Rust (Suspected)	<i>Gymnosporangium juniperi-virginanae</i> <i>Gymnosporangium yamadae</i> <i>Gymnosporangium yamadae</i>	Outagamie Dane, Outagamie Portage, Dickinson (MI)
Horse-Chestnut	Guignardia Leaf Blotch	<i>Guignardia aesculi</i>	Door
Lilac (Japanese Tree)	Verticillium Wilt	<i>Verticillium</i> sp.	Rock
Oak (Bur)	Bur Oak Blight Bur Oak Blight (Suspected) Phomopsis Canker Sphaeropsis Canker Transplant Shock (Suspected)	<i>Tubakia iowensis</i> <i>Tubakia iowensis</i> <i>Phomopsis</i> sp. <i>Sphaeropsis</i> sp. None	Dane, Milwaukee Jefferson Dane Dane Iowa
Oak (Red)	Chlorosis	None	Dane, Kenosha
Oak (Unspecified)	Oak Wilt	<i>Bretziella fagacearum</i>	Dane
Serviceberry	Blister Canker	<i>Biscogniauxia marginata</i>	Waukesha



FRUIT CROPS			
Cranberry	Upright Dieback	<i>Phomopsis vaccinia</i>	Wood
Pear	Fire Blight	<i>Erwinia amylovora</i>	Rock
HERBACEOUS ORNAMENTALS			
Allium	Aster Yellows (Suspected)	Aster yellows phytoplasma	Barron
Geranium	Root Rot	<i>Phytophthora</i> sp. <i>Pythium</i> sp.	Milwaukee
Hosta	Sooty Mold	Sooty mold fungi	Trempealeau
Sedum ('Autumn Joy')	Root/Crown Rot	<i>Phytophthora</i> sp.	Dane
Spikenard	Verticillium Wilt	<i>Verticillium</i> sp.	Winnebago
NEEDED WOODY ORNAMENTALS			
Arborvitae	Urine Damage (Suspected)	None	Milwaukee
	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp.	Milwaukee
	Transplant Shock (Suspected)	None	Cook (IL)
Hemlock (Canadian)	Fertility Issues (Suspected)	None	Cook (IL)
Juniper	Diplodia Shoot Blight and Canker	<i>Diplodia</i> sp.	Milwaukee
Pine (Bosnian)	Diplodia Shoot Blight and Canker (Suspected)	<i>Diplodia</i> sp.	Dane
Spruce (Unspecified)	Fertility Issues (Suspected)	None	Brown
VEGETABLE CROPS			
Bean (Snap)	Aphanomyces Root Rot	<i>Aphanomyces euteiches</i>	Outagamie
	Fusarium Wilt	<i>Fusarium oxysporum</i>	Outagamie
	Pythium Root Rot	<i>Pythium</i> sp.	Outagamie
	Rhizoctonia Root Rot	<i>Rhizoctonia</i> sp.	Outagamie
Cucumber	Anthracnose	<i>Colletotricum orbiculare</i>	Wood
	Powdery Mildew	<i>Oidium</i> sp.	Wood

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".