



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

Brian Hudelson, Sue Lueloff, Sarah deVeer and Ann Joy

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 June 25, 2022 through July 8, 2022.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Boxwood	Fusarium Canker Volutella Canker	<i>Fusarium</i> sp. <i>Volutella</i> sp.	Dane Dane
Buckthorn	Diplodia Canker Root Rot Sphaeropsis Canker	<i>Diplodia</i> sp. <i>Cylindrocarpon</i> sp. <i>Sphaeropsis</i> sp.	Rock Rock Rock
Burning Bush	Cercospora Leaf Spot (Suspected)	<i>Cercospora</i> sp.	Dane
Dogwood	Chlorosis	None	Green
Elm	Transplant Shock (Suspected) Water Stress (Suspected)	None None	Rock Rock
Hydrangea	Heat Stress/Sunburn Phyllosticta Leaf Spot	None <i>Phyllosticta</i> sp.	Portage Portage
Maple (Unspecified)	Chlorosis Cytospora Canker Frost Crack Girdling Roots (Suspected) Improper Planting (Burlap and Wire Basket Left On) Overly Deep Planting	None <i>Cytospora</i> sp. None None None None	Winnebago Sauk Walworth Walworth Walworth
Ninebark	Powdery Mildew	<i>Oidium</i> sp.	Dane
Oak (Pin)	Chlorosis	None	Green
Oak (Red)	Anthracnose Chlorosis	<i>Discula</i> sp. None	Waukesha Waukesha



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BROAD-LEAFED WOODY ORNAMENTALS (Continued)			
Oak (Unspecified)	Anthracnose (Suspected) Chlorosis Herbicide Damage Oak Wilt	<i>Discula</i> sp. None None <i>Bretziella fagacearum</i>	Racine Brown Racine Waukesha
Pear (Callery)	Fire Blight	<i>Erwinia amylovora</i>	Dane
Serviceberry	Blister Canker Girdling Roots (Suspected) Overly Deep Planting	<i>Biscogniauxia marginata</i> None None	Waukesha Walworth Walworth
Walnut (English)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Sauk
Willow	White Rot	<i>Daedaleopsis confragosa</i>	Columbia
FRUIT CROPS			
Apple	Cedar-Apple Rust	<i>Gymnosporangium juniperi-virginianae</i>	Dane
Cherry	Transplant Shock (Suspected) Water Stress (Suspected)	None None	Rock Rock
Pear	Root Rot	<i>Fusarium</i> sp.	Milwaukee
Strawberry	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Rhizoctonia</i> sp.	Washington
HERBACEOUS ORNAMENTALS			
Coral Bells	Anthracnose Discosia Leaf Spot Heat Stress/Sunburn	<i>Colletotrichum</i> sp. <i>Discosia</i> sp. None	Portage Portage Portage
Cranesbill	Bacterial Blight (Suspected)	<i>Xanthomonas</i> sp.	Dane
Geranium	Edema Gray Mold/Botrytis Blight	None <i>Botrytis cinerea</i>	Dane
Ginger (Ornamental)	Sclerotinia Rot	<i>Sclerotinia</i> sp.	Dane
Hosta	Heat Stress/Sunburn	None	Dane, Portage, Walworth



HERBACEOUS ORNAMENTALS (Continued)			
Peony	Root Rot Virus Disease	<i>Rhizoctonia</i> sp. Unspecified virus	Marathon Marathon
Petunia	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.	Waukesha
NEEDED WOODY ORNAMENTALS			
Arborvitae	Phyllosticta Needle Blight Winter Burn (Suspected)	<i>Phyllosticta</i> sp. None	Sheboygan Sheboygan
Fir (Unspecified)	Broom Rust Rhizosphaera Needle Cast	<i>Melampsorella caryophyllacearum</i> <i>Rhizosphaera</i> sp.	Dunn Dunn
Spruce (Black Hills)	Phomopsis Canker Transplant Shock (Suspected) Water Stress (Suspected)	<i>Phomopsis</i> sp. None None	Waukesha Washington Washington
Spruce (Cupressina)	Water Stress (Suspected)	None	Walworth
Spruce (Norway)	Water Stress (Suspected)	None	Walworth
Spruce (White)	Water Stress (Suspected)	None	Walworth
Spruce (Unspecified)	Water Stress (Suspected)	None	Dane
Yew	Natural Needle Thinning (Suspected) Phyllosticta Needle Blight Root Rot	None <i>Phyllosticta</i> sp. <i>Phytophthora</i> sp., <i>Fusarium</i> sp.	Dane Dane Waukesha
VEGETABLE CROPS			
Garlic	Fusarium Basal Rot Phytoplasma Disease (Aster Yellows Suspected)	<i>Fusarium oxysporum</i> Unspecified phytoplasma (Aster yellows phytoplasma suspected)	Dane Dane
Horseradish	Root Rot	<i>Fusarium</i> sp., <i>Rhizoctonia</i> sp.	Eau Claire
Pepper	Fusarium Wilt	<i>Fusarium oxysporum</i>	Wood

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PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
VEGETABLE CROPS (Continued)			
Potato	Black Leg	<i>Dickeya dianthicola</i> , <i>Pectobacterium atrosepticum</i> , <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> , <i>Pectobacterium parmentieri</i>	Portage, Waushara
Tomato	Herbicide Damage (Suspected) Stem Rot	None <i>Colletotrichum</i> sp., <i>Fusarium</i> sp.	Dane 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".