



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

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In 2023, 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 24, 2023 through July 14, 2023.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Aspen (Quaking)	Venturia Leaf and Shoot Blight (Suspected)	<i>Venturia</i> sp.	Iowa
Aspen (Unspecified)	Anthracnose	<i>Gloeosporium</i> sp.	Dane
Birch (River)	Chlorosis	None	Brown
Birch (Unspecified)	Chlorosis	None	Dane
	Fertility Issues	None	Dane
Boxwood	Volutella Canker	<i>Volutella</i> sp.	Walworth
Crabapple	Frost Crack	None	Dunn
	Overly Deep Planting	None	Dunn, Milwaukee, Waukesha
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
	Transplant Shock	None	Oneida
	Water Stress (Suspected)	None	Waukesha
Highbush Cranberry	Powdery Mildew	<i>Oidium</i> sp.	Bayfield
Hydrangea	Phytoplasma Disease (Suspected)	Unspecified phytoplasma	Waukesha
Lilac (Japanese Tree)	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Maple (Korean)	Phomopsis Canker	<i>Phomopsis</i> sp.	Waukesha
Maple (Norway)	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Maple (Red)	Diplodia Canker	<i>Diplodia</i> sp.	Dane
Maple (Silver)	White Rot (Suspected)	Unspecified white rot fungus	Dane



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BROAD-LEAFED WOODY ORNAMENTALS (Continued)			
Maple (Sugar)	Chlorosis	None	Dane
	Overly Deep Planting	None	Dane
Maple (Unspecified)	Anthracnose (Suspected)	<i>Discula</i> sp.	Fond du Lac
	Frost Crack	None	Green
	Girdling Roots	None	Green
	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
Oak (Bur)	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
Oak (English)	Herbicide Damage (Suspected)	None	Washington
Oak (Northern Red)	Oak Wilt	<i>Bretziella fagacearum</i>	Dane
Oak (Red)	Chlorosis	None	Racine
	Oak Wilt	<i>Bretziella fagacearum</i>	Marathon
Oak (Swamp White)	Anthracnose	<i>Discula</i> sp.	Dane
	Chlorosis	None	Dane
Oak (White)	Chlorosis	None	Door
	Dead Man's Fingers	<i>Xylaria polymorpha</i>	Milwaukee
Oak (Unspecified)	Anthracnose	<i>Discular</i> sp.	Dane
	Chlorosis	None	Milwaukee, Outagamie
	Construction Damage (Suspected)	None	Dane
	Hypoxylon Canker (Suspected)	<i>Biscogniauxia atropunctata</i>	Dane
	Tatters	None	La Crosse
Water Stress (Suspected)	None	Dane	
Plum (Ornamental)	Bacterial Canker	<i>Pseudomonas syringae</i>	Dane
Redbud	Herbicide Damage	None	Waukesha
Rhododendron	Root Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp.	Oneida
Rose	Rose Rosette	<i>Rose rosette virus</i>	Dane
Winterberry	Fertility Issues (Suspected)	None	Crawford



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FRUIT CROPS			
Apple	Fire Blight	<i>Erwinia amylovora</i>	Door, Polk
	Frost Crack	None	Oneida
	Overly Deep Planting	None	Portage
	Sooty Mold	Sooty mold fungi	Oneida
	Tubercularia Canker	<i>Tubercularia</i> sp.	Ozaukee
	Water Stress (Suspected)	None	Portage
	Winter Injury (Suspected)	None	Portage
Chokecherry	Chokecherry Pockets	<i>Taphrina confusa</i>	Iron
Grape	Chemical Burn (Suspected)	None	Portage
Peach	Copper Toxicity (Suspected)	None	Racine
Raspberry	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Dane
HERBACEOUS ORNAMENTALS			
Catnip	Root/Crown Rot	<i>Phytophthora</i> sp.	Boone (IL)
Coneflower (Purple)	Aerial Pythium	<i>Pythium</i> sp.	Jefferson
Clematis	Herbicide Damage	None	Bayfield
Hosta	Anthracnose	<i>Colletotrichum</i> sp.	Rock
	Hosta Virus X (Suspected)	<i>Hosta virus X</i>	Milwaukee
Pachysandra	Root Rot	<i>Pythium</i> sp.	Racine
	Volutella Blight	<i>Volutella pachysandricola</i>	Dane, Racine
Petunia	Root Rot	<i>Pythium</i> sp., <i>Rhizoctonia</i> sp.	Sheboygan
NEEDED WOODY ORNAMENTALS			
Bald Cypress	Canker Disease (Suspected)	Unspecified canker fungus	Dane
	Water Stress (Suspected)	None	Dane
Fir (Canaan)	Improper Planting	None	Chippewa
	Winter Burn	None	Chippewa
Fir (Unspecified)	Fir Broom Rust	<i>Melampsorella caryophyllacearum</i>	Dane
Pine (White)	Water Stress	None	Waukesha
Spruce (Blue)	Diplodia Canker	<i>Diplodia</i> sp.	Lake (IL)



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NEEDED WOODY ORNAMENTALS (Continued)			
Spruce (Norway)	Canker Disease (Suspected)	Unspecified canker fungus	Chippewa
Spruce (Unspecified)	Rhizosphaera Needle Cast (Suspected)	<i>Rhizosphaera kalkhoffii</i>	Winnebago
VEGETABLE CROPS			
Broccoli	Stem Rot	<i>Pythium</i> sp.	Fillmore (MN)
Cucumber	Fertility Issues (Suspected)	None	Rock
Garlic	Fusarium Basal Rot	<i>Fusarium</i> sp.	Waukesha
	Root Rot	<i>Rhizoctona</i> sp.	Waukesha
Kale	Alternaria Leaf Spot (Suspected)	<i>Alternaria</i> sp.	Dane
Pepper	Virus Disease (Suspected)	Unspecified Virus	Jefferson
Potato	Bacterial Soft Rot	<i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i>	Marinette
Snap Bean	Alternaria Pod Spot (Suspected)	<i>Alternaria alternata</i>	Jefferson
Tomato	Pith Necrosis	<i>Pseudomonas</i> sp.	Columbia
	Walnut Toxicity (Suspected)	None	Dane
Watermelon	Damping-Off/Seedling Blight	<i>Pythium</i> sp.	Milwaukee

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".