



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

Brian Hudelson and Dante Tauscheck

The following diseases/disorders were identified at the PDDC from August 3, 2024 through August 9, 2024.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Birch	Canker Disease	Unspecified canker fungus	Dane
Crabapple	Red Star Rust	<i>Gymnosporangium yamadae</i>	Dane, Winnebago
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
Elm (Chinese)	Bacterial Wetwood	Miscellaneous bacteria	Dane
Elm (Unspecified)	Dutch Elm Disease	<i>Ophiostoma</i> sp.	Cook (IL), Lake (IL)
Hazelnut	Phomopsis Canker	<i>Phomopsis</i> sp.	La Crosse
	Root Rot	<i>Phytophthora</i> sp.	La Crosse
	Tubercularia Canker	<i>Tubercularia</i> sp.	La Crosse
Lilac (Unspecified)	Septoria Leaf Spot/Blight	<i>Septoria</i> sp.	Outagamie, Pok, Winnebago
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Waukesha
Maple ('Autumn Blaze')	Overly Deep Planting	None	Sauk
Maple (Sugar)	Girdling Nylon Cord	None	Racine
	Overly Deep Planting	None	Racine
Maple (Unspecified)	Bacterial Wetwood	Miscellaneous bacteria	Dane
	Tar Spot	<i>Rhytisma</i> sp.	Dane
Oak (Black)	Oak Wilt	<i>Bretziella fagacearum</i>	Columbia
Oak (Bur)	Oak Wilt	<i>Bretziella fagacearum</i>	Dane
Oak (Red)	Oak Wilt	<i>Bretziella fagacearum</i>	Dane, Kenosha, Marathon
Oak (White)	Anthracnose	<i>Discula</i> sp.	Dane
	Black Root Rot	<i>Xylaria polymorpha</i>	Waukesha
	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Dane



BROAD-LEAFED WOODY ORNAMENTALS (Continued)			
Oak (Unspecified)	Chlorosis	None	Dane, Waukesha
	Herbicide Damage	None	Dunn
Serviceberry	Cedar-Quince Rust	<i>Gymnosporangium clavipes</i>	Waukesha
	Gymnosporangium Rust (Unspecified)	<i>Gymnosporangium</i> sp.	Door
FRUIT CROPS			
Apple	Cedar-Apple Rust	<i>Gymnosporangium juniperi-virginianae</i>	Dane, Wood
	Frogeye Leaf Spot	<i>Botryosphaeria obtusa</i>	Wood
	Marssonina Blotch	<i>Marssonina coronaria</i>	Iowa
	Red Star Rust	<i>Gymnosporangium yamadae</i>	Dane
Grape	Crown Gall (Suspected)	<i>Agrobacterium vitis</i>	Jefferson
Peach	Bacterial Leaf Spot	<i>Xanthomonas arboricola</i> pv. <i>pruni</i>	Wood
Raspberry	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Fusarium</i> sp., <i>Cylindrocarpon</i> sp.	Brown, Dane
HERBACEOUS ORNAMENTALS			
Astilbe	Tobacco Rattle	<i>Tobacco rattle virus</i>	Jefferson
Culver's Root	Downy Mildew	Unknown downy mildew organism	Sawyer
	Xanthomonas Leaf Blight	<i>Xanthomonas</i> sp.	Sawyer
Gladiolus	Fusarium Yellows and Bulb Rot	<i>Fusarium oxysporum</i> f. sp. <i>gladioli</i>	Boone (IL)
Jacob's Ladder	Impatiens Necrotic Spot	<i>Impatiens necrotic spot virus</i>	Sawyer
Mandevilla	Edema	None	Waukesha
Pachysandra	Chemical Burn (Suspected)	None	Dane
Veronica	Root/Crown Rot	<i>Pythium</i> sp.	Wausara
HOUSEPLANTS			
Hindu Rope	Impatiens Necrotic Spot	<i>Impatiens necrotic spot virus</i>	Sawyer



NEEDED WOODY ORNAMENTALS			
Arborvitae	Transplant Shock	None	Winnebago
	Water Stress	None	Winnebago
Pine (White)	Root Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp.	Door
Spruce (Unspecified)	Cytospora Canker	<i>Cytospora kunzei</i>	Green
	Phomopsis Canker	<i>Phomopsis</i> sp.	Green
Yew	Root Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp.	Waukesha
VEGETABLE CROPS			
Bean (Snap)	Alternaria Leaf Spot	<i>Alternaria alternata</i>	Dane
	Pythium Pod Rot	<i>Pythium</i> sp.	Dane
	Rhizoctonia Pod Spot	<i>Rhizoctonia</i> sp.	Dane
	Tobacco Mosaic	<i>Tobacco mosaic virus</i>	Dane
	Tomato Spotted Wilt	<i>Tomato spotted wilt virus</i>	Dane
Cabbage (Napa)	Pythium Root/Crown Rot	<i>Pythium</i> sp.	Milwaukee
Carrot	Alternaria Leaf Blight	<i>Alternaria dauci</i>	Waushara
Garlic	Fusarium Neck Rot	<i>Fusarium</i> sp.	Dunn
Onion	Purple Blotch	<i>Alternaria porri</i>	Marathon
	Stemphyllium Leaf Blight	<i>Stemphyllium</i> sp.	Marathon
Pepper	Bacterial Spot	<i>Xanthomonas</i> sp.	La Salle (IL)
Potato	Cucumber Mosaic	<i>Cucumber mosaic</i>	Dane
	Purple Top (Suspected)	Aster yellows phytoplasma	Oneida
Pumpkin	Fertility Issues	None	Waushara
Rhubarb	Root/Crown Rot	<i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.	Dane
Tomato	Bacterial Canker	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Bayfield
SPECIALTY CROPS			
Hop	Halo Blight	<i>Diaporthe humilicola</i>	Dane
MISCELLANEOUS			
Organism ID	Slime Mold (<i>Physarum</i> sp.)	None	Waushara

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".