



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

Brian Hudelson, Sue Lueloff 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 January 1, 2022 through May 13, 2022.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Aspen	Venturia Leaf and Shoot Blight (Suspected)	<i>Venturia</i> sp.	Dane
Birch (Paper)	White Rot	<i>Ischnoderma resinosum</i> (Suspected)	Dane
Boxwood	Boxwood Blight	<i>Calonectria pseudonaviculata</i>	Door
	Volutella Canker	<i>Volutella</i> sp.	Ozaukee
	Winter Burn	None	Dane
Cherry (Black)	Bacterial Canker (Suspected)	<i>Pseudomonas syringae</i>	Dane
	White Rot	<i>Irpex lacteus</i> (Suspected)	Walworth
Hickory (Unspecified)	Water Stress	None	Dan
Holly (Inkberry)	Winter Burn	None	Racine
Honeylocust	White Rot	<i>Irpex lacteus</i> , <i>Schizophyllum commune</i>	Dane, La Crosse
Lilac (Shrub)	Cold Injury (Suspected)	None	Dane
Maple (Unspecified)	Coryneum Canker (Suspected)	<i>Coryneum</i> sp.	Dane
Oak (Bur)	Bur Oak Blight	<i>Tubakia iowensis</i>	Dane
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Kane (IL)
Oak (Red)	Coryneum Canker	<i>Coryneum</i> sp.	Dane
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
Oak (White/Bur)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane



Extension

UNIVERSITY OF WISCONSIN-MADISON

BROAD-LEAFED WOODY ORNAMENTALS (Continued)			
Oak (Unspecified)	Oak Wilt (Suspected) White Rot	<i>Bretziella fagacearum</i> <i>Trametes versicolor</i> (Suspected)	Kenosha Walworth
Rose	Chemical Injury (Suspected)	None	Jackson
Viburnum (Unspecified)	Phomopsis Gall (Suspected)	<i>Phomopsis</i> sp.	Hennepin (MN)
FRUIT CROPS			
Apple	Sooty Mold	Miscellaneous sooty mold fungi	Vernon
Cherry	Bacterial Canker (Suspected) Frost Crack Lichens Overly Deep Planting White Rot White Rot	<i>Pseudomonas syringae</i> None None None <i>Irpex lacteus</i> <i>Trametes versicolor</i>	Lafayette Lafayette Wood Lafayette Lafayette Dane
Fruit Trees (Miscellaneous)	Herbicide Damage (Suspected)	None	Calumet
Grape	Cold Injury (Suspected)	None	Dane, Walworth
Peach	Bacterial Canker (Suspected) Frost Crack Overly Deep Planting White Rot	<i>Pseudomonas syringae</i> None None <i>Irpex lacteus</i>	Lafayette Lafayette Lafayette Lafayette
Strawberry	Common Leaf Spot (Suspected) Neopestalotiopsis Leaf Spot/Crown and Root Rot (Suspected) Walnut Toxicity (Suspected)	<i>Mycosphaerella fragariae</i> <i>Neopestalotiopsis</i> sp. None	Manitowoc Manitowoc Manitowoc



Extension

UNIVERSITY OF WISCONSIN-MADISON

Wisconsin Horticulture Update

HERBACEOUS ORNAMENTALS			
Begonia	Gray Mold/Botrytis Blight Impatiens Necrotic Spot Root Rot	<i>Botrytis cinerea</i> <i>Impatiens necrotic spot virus</i> <i>Fusarium</i> sp.	Clark Monroe Waukesha
Calla Lily	Bacterial Soft Rot	<i>Pectobacterium</i> sp.	Kewaunee
Coreopsis	Fungal Leaf Blight (Suspected)	Unspecified leaf spot fungus	Marathon
Dahlia	Crown Gall	<i>Agrobacterium tumefaciens</i>	Racine
Geranium	Gray Mold/Botrytis Bight	<i>Botrytis cinerea</i>	Vernon
Impatiens (New Guinea)	Fertility Issues (Suspected)	None	Winnebago
Million Bells	Chili Pepper Mild Mottle	<i>Chili pepper mild mottle virus</i>	Crow Wing (MN)
Peony	Gray Mold/Botrytis Blight Root Rot (Suspected)	<i>Botrytis cinerea</i> Unspecified root rot fungi/water molds	Rock Rock
Periwinkle	Anthracnose	<i>Colletotrichum</i> sp.	Dane
Petunia	Gray Mold/Botrytis Bight	<i>Botrytis cinerea</i>	Clark, Shawano
HOUSEPLANTS			
Dracena	Bacterial Leaf Spot	Unspecified leaf spot bacterium	Dane
Fig (Banyan)	Chlorosis Phomopsis Canker	None <i>Phomopsis</i> sp.	Dane Dane
Fig (Weeping)	Phlyctema Leaf Spot	<i>Phyctema</i> sp.	Dane
Peperomia	Tobacco Mosaic	<i>Tobacco mosaic virus</i>	Sawyer
NEEDED WOODY ORNAMENTALS			
Arborvitae	Diplodia Canker Improper Planting Pyllosticta Needle Blight Seiridium Canker Transplant Shock (Suspected) Winter Burn (Suspected)	<i>Diplodia</i> sp. None <i>Phyllosticta</i> <i>Seiridium</i> sp. None None	Milwaukee Dane Dane Milwaukee Dane Dane



Extension

UNIVERSITY OF WISCONSIN-MADISON

NEEDED WOODY ORNAMENTALS (Continued)			
Fir (Fraser)	Winter Burn	None	La Crosse
Fir (Unspecified)	Rhizosphaera Needle Cast	<i>Rhizosphaera</i> sp.	Dane
	Water Stress (Suspected)	None	Dane
Juniper	Canker Disease (Suspected)	Unspecified canker fungus	Milwaukee
	Diplodia Canker	<i>Diplodia</i> sp.	Dane, Ozaukee
Pine (Black)	Fertility Issues (Suspected)	None	Portage
	Water Stress (Suspected)	None	Portage
Pine (White)	Fertility Issues	None	Monroe
	Phomopsis Canker	<i>Phomopsis</i> sp.	Waukesha
	Squirrel Activity (Suspected)	None	Monroe
Spruce (Black Hills)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Dane
Spruce (Blue)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Dane, Waukesha
	Weir's Cushion Rust (Suspected)	<i>Chrysomyxa weirii</i>	Waukesha
Spruce (Norway)	Phomopsis Canker	<i>Phomopsis</i> sp.	Waukesha
	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Racine, Waukesha
Spruce (White)	Transplant Shock (Suspected)	None	Marathon
	Winter Burn (Suspected)	None	Marathon
Spruce (Unspecified)	Chlorosis (Suspected)	None	Racine
	Fertility Issues (Suspected)	None	Waukesha
	Improper Planting	None	Racine
	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	La Crosse, Waukesha
	Transplant Shock (Suspected)	None	Brown
	Water Stress	None	Manitowoc, Racine
	Winter Burn (Suspected)	None	Brown, Dane
Yew	Macrophoma Needle Blight	<i>Macrophoma</i> sp.	Dane
	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
	Phyllosticta Twig Blight	<i>Phyllosticta</i> sp.	Lake (IL)



Extension

UNIVERSITY OF WISCONSIN-MADISON

VEGETABLE CROPS			
Beet	Root Rot	<i>Fusarium</i> sp., <i>Pythium</i> sp.	Rock
Cabbage	Edema	None	Waushara
Potato	Bacterial Soft Rot	<i>Pectobacterium atrosepticum</i> , <i>Pectobacterium parmentieri</i>	Adams, Langlade
	Black Dot	<i>Colletotrichum coccodes</i>	Adams, Portage
	Common Scab	<i>Streptomyces scabies</i>	Adams, Portage
	Fusarium Dry Rot	<i>Fusarium</i> sp.	Adams
	Leak	<i>Pythium</i> sp.	Adams
	Silver Scurf	<i>Helminthosporium solani</i>	Adams, Portage
Tomato	Bacterial Canker	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Waushara
	Edema	None	Iowa
	Edema (Suspected)	None	Unspecified (GA)
	Fertility Issues	None	Iowa

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".