



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

Brian Hudelson, Sue Lueloff and Ann Joy

The PDDC is now once again accepting physical samples for diagnosis, but due to COVID-19, only with limited hours and limited sample processing capacity. [Click here](#) for the current submission policy. The PDDC is continuing to provide diagnoses through examination of digital photographs. Digital diagnoses have not traditionally been included in the Wisconsin Disease Almanac, because such diagnoses are not verified through lab testing (critical in most situations for a diagnosis to be accurate). However, in an attempt to keep clients as informed as possible, digital diagnoses will be included in the Almanac until normal PDDC operations resume. For Almanac entries below, 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 July 25, 2020 through July 31, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (White)	Herbicide Damage	None	Winnebago
Ash (Unspecified)	Deer Damage (Suspected)	None	Dane
Aspen (Unspecified)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Dane
Boxwood	Canker Disease (Suspected)	Unspecified canker fungus	Waukesha
	Winter Injury (Suspected)	None	Waukesha
Burning Bush	Phomopsis Canker (Suspected)	<i>Phomopsis</i> sp.	Dane
Cherry (Ornamental)	Bacterial Canker (Suspected)	<i>Pseudomonas syringae</i>	Racine
Chokeberry	Chlorosis	None	Dane
	Entomosporium Leaf Spot (Suspected)	<i>Entomosporium</i> sp.	Dane
	Transplant Shock (Suspected)	None	Dane
Crabapple	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Dane, Ozaukee, Waukesha
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Dane, Ozaukee
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
Dogwood (Cornelian Cherry)	Excessive Shade	None	Dane



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Dogwood (Unspecified)	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	La Crosse
Elderberry	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Racine
Elm (Unspecified)	Anthracnose Bacterial Wetwood	<i>Gloeosporium</i> sp. Miscellaneous bacteria	Winnebago Dane
Hackberry	Hackberry Island Chlorosis Herbicide Damage	Hackberry island chlorosis virus None	Dane Jefferson
Honeylocust	Butt Rot Honeylocust Gall (Suspected)	<i>Ganoderma</i> sp. Unknown	Brown Waukesha
Lilac (Japanese Tree)	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Lilac (Late)	Lilac Witches' Broom (Suspected)	<i>Candidatus phytoplasma fraxini</i>	Milwaukee
Lilac (Shrub)	Cold Injury (Suspected) Overly Shaded Location Powdery Mildew Septoria Leaf Spot Septoria Leaf Spot (Suspected)	None None <i>Oidium</i> sp. <i>Septoria</i> sp. <i>Septoria</i> sp.	Dane Dane Dane Grant Dane, Vernon
Linden	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Milwaukee
Maple ('Northwind')	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Maple (Norway)	Anthracnose (Suspected) Zonate Leaf Spot (Suspected)	<i>Discula</i> sp. <i>Grovesinia pyramidalis</i>	Dane Dane
Maple (Red)	Anthracnose (Suspected)	<i>Discula</i> sp.	Dane
Maple (Silver)	Anthracnose (Suspected) Chlorosis	<i>Discula</i> sp. None	Sauk Sauk
Maple (Unspecified)	Bacterial Wetwood (Suspected) Coryneum Canker (Suspected)	Miscellaneous bacteria <i>Coryneum</i> sp.	Eau Claire Lafayette



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Maple (Unspecified)	Girdling Roots (Suspected)	None	Dane, Lafayette, Rock
	Overly Deep Planting	None	Dane, Lafayette, Rock
Mulberry (Weeping)	Cylindrosporium Leaf Spot (Suspected)	<i>Cylindrosporium</i> sp.	La Crosse
Ninebark	Leaf Spot	Unspecified leaf spot fungus	Wood
Oak (Bur)	Bur Oak Blight (Suspected)	<i>Tubakia iowensis</i>	Milwaukee
	Chlorosis	None	Bayfield
Oak (Northern Red)	Chlorosis	None	Outagamie
	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Outagamie
Oak (Pin)	Anthracnose (Suspected)	<i>Discula</i> sp.	Sauk
	Chlorosis	None	Sauk
Oak (Unspecified)	Anthracnose (Suspected)	<i>Discula</i> sp.	Dane, Iowa
	Chlorosis	None	Brown, Waukesha
	Construction Damage (Suspected)	None	Dane
	Fungicide Toxicity (Suspected)	None	Adams
	Hypoxylon/Biscogniauxia Canker (Suspected)	<i>Hypoxylon</i> sp./ <i>Biscogniauxia</i> sp.	Ozaukee
	Tubakia Leaf Spot (Suspected)	<i>Tubakia dryina</i>	Brown
Pear (Callery)	Cold Injury (Suspected)	None	Dane
	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Door, Waukesha
Peony (Tree)	Chlorosis	None	Waukesha
Plum (Ornamental)	Overly Deep Planting	None	Dane
Rhododendron	Phytophthora Root/Crown Rot (Suspected)	<i>Phytophthora</i> sp.	Dane
Serviceberry	Cylindrosporium Leaf Spot	<i>Cylindrosporium</i> sp.	Chippewa
	Powdery Mildew	<i>Podosphaera clandestina</i>	Chippewa



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Spirea (Unspecified)	Leaf Spot	Unspecified leaf spot fungus	Waukesha
	Salt Injury (Suspected)	None	Waukesha
	Transplant Shock (Suspected)	None	Waukesha
Virginia-Creeper	Guignardia Leaf Spot (Suspected)	<i>Guignardia bidwellii</i>	Dane
FRUIT CROPS			
Apple	Fire Blight (Suspected)	<i>Erwinia amylovora</i>	Brown, Vernon
	Gymnosporangium Rust	<i>Gymnosporangium</i> sp.	Milwaukee
Blueberry	Overly High Soil pH (Suspected)	None	Milwaukee
	Transplant Shock (Suspected)	None	Milwaukee
Cherry	Cherry Leaf Spot (Suspected)	<i>Blumeriella jaapii</i>	Dane
Grape	Anthracnose	<i>Sphaceloma ampelinum</i>	Dodge
	Anthracnose (Suspected)	<i>Sphaceloma ampelinum</i>	Douglas
	Black Rot	<i>Guignardia bidwellii</i>	Dodge
Raspberry	Fertility Issues (Suspected)	None	Sheboygan
	Raspberry Leaf Spot (Suspected)	<i>Cylindrosporium rubi</i>	Sheboygan
	Transplant Shock (Suspected)	None	Waukesha
Strawberry	Angular Leaf Spot	<i>Xanthomonas fragariae</i>	Columbia
	Common Leaf Spot	<i>Mycosphaerella fragariae</i>	Columbia
	Phomopsis Leaf Blight	<i>Phomopsis obscurans</i>	Columbia
	Root/Crown Rot	<i>Rhizoctonia</i> sp., <i>Pythium</i> sp.	Columbia
HERBACEOUS ORNAMENTAL			
Coneflower (Purple)	Cucumber Mosaic	<i>Cucumber mosaic virus</i>	Waukesha
Gout Weed	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Kewaunee
Milkweed (Common)	Phytoplasma Disease (Suspected)		Portage



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HERBACEOUS ORNAMENTAL (Continued)			
Peony (Shrub)	Gray Mold/Botrytis Blight Powdery Mildew	<i>Botrytis cinerea</i> <i>Oidium</i> sp.	Unknown (MO) Dane
Sedum	Bacterial Soft Rot (Suspected)	<i>Dickeya chrysanthemi</i>	Unknown (MO)
Zinnia	Bacterial Leaf Spot (Suspected)	<i>Xanthomonas</i> sp.	Unknown (MO)
NEEDED WOODY ORNAMENTALS			
Fir (White)	Canker Disease (Suspected)	Unspecified canker fungus	Dane
Japanese Umbrella Tree (Unspecified)	Canker Disease (Suspected)	Unspecified canker fungus	Dane
Larch (Unspecified)	Girdling Roots (Suspected) Overly Deep Planting	None None	Dane Dane
Spruce (Unspecified)	Canker Disease (Suspected) Herbicide Damage Rhizosphaera Needle Cast (Suspected) Transplant Shock (Suspected)	Unspecified canker fungus None <i>Rhizosphaera kalkhoffii</i> None	Waukesha Freeborn (MN) Vernon Waukesha
Yew (Unspecified)	Cold Injury (Suspected)	None	Milwaukee
VEGETABLE CROPS			
Cabbage	Crown Gall (Suspected)	<i>Agrobacterium tumefaciens</i>	Marathon
Cucumber	Angular Leaf Spot (Suspected) Anthracnose (Suspected)	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i> <i>Colletotrichum orbiculare</i>	Chippewa Columbia, Washington, Waukesha
Kohlrabi	Crown Gall (Suspected)	<i>Agrobacterium tumefaciens</i>	Marathon
Pepper	Anthracnose (Suspected)	<i>Colletotrichum</i> sp.	Marathon
Potato	Black Leg	<i>Pectobacterium atrosepticum</i> , <i>Pectobacterium parmentieri</i> , <i>Pectobacterium</i> spp.	Waushara



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VEGETABLE CROPS (Continued)			
Potato	Early Blight (Suspected)	<i>Alternaria solani</i>	Portage
Snapbean	Anthrachnose (Suspected)	<i>Colletotrichum lindemuthianum</i>	Iron
Squash (Butternut)	Root Rot	<i>Pythium</i> sp., <i>Fusarium oxysporum</i>	Adams
Squash (Delitica)	Virus Disease	Unspecified virus	Lafayette
Tomato	Bacterial Speck (Suspected)	<i>Pseudomonas syringae</i> pv. <i>tomato</i>	Forest
	Bacterial Spot (Suspected)	<i>Xanthomonas</i> sp.	Portage
	Crown Gall (Suspected)	<i>Agrobacterium tumefaciens</i>	Marathon
	Early Blight (Suspected)	<i>Alternaria solani</i>	Racine
	Fertility Issues (Suspected)	None	Brown
	Glyphosate Damage (Suspected)	None	Brown
	Leaf Mold	<i>Passalora fulva</i>	Rock
	Leaf Spot/Blight	Unspecified leaf spot fungi/bacteria	Brown
	Septoria Leaf Spot	<i>Septoria lycopersici</i>	Dane, Milwaukee
Vegetables (Miscellaneous)	Herbicide Damage (Suspected)	None	Waukesha
	Walnut Toxicity (Suspected)	None	Waukesha
MISCELLANEOUS			
Slime Mold ID	Dog Vomit Slime Mold (<i>Fuligo</i> sp.)	None	Dane, Portage

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".