



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 September 12, 2020 through September 18, 2020.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Cherry (Black)	Bacterial Canker (Suspected)	<i>Pseudomonas syringae</i>	Walworth
	Girdled Branch	None	Walworth
Dogwood (Cornelian Cherry)	Transplant Shock (Suspected)	None	Waukesha
	Water Stress (Suspected)	None	Waukesha
Dogwood (Unspecified)	Water Stress (Suspected)	None	Waukesha
Elm (American)	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
Elm (Siberian)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
	Tubercularia Canker/ Nectria Canker	<i>Tubercularia</i> sp./ <i>Nectria</i> sp.	Dane
Lilac (Japanese Tree)	Lilac Witches'-Broom (Suspected)	Ash yellows phytoplasma	Shawano
	Overly Deep Planting	None	Shawano
Lilac (Unspecified)	Chlorosis	None	Dane
	Lilac Witches'-Broom (Suspected)	Ash yellows phytoplasma	Shawano
	Septoria Leaf Spot (Suspected)	<i>Septoria</i> sp.	Columbia
	Transplant Shock (Suspected)	None	Columbia



BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Lilac (Unspecified)	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Brown
Maple (Korean)	Verticillium Wilt (Suspected)	<i>Verticillium</i> sp.	Dane
Maple ('Northwind')	Sapwood Rot	<i>Schizophyllum commune</i>	Dane
Maple (Norway)	Frost Crack Girdling Roots Tar Spot	None None <i>Rhytisma acerinum</i>	Milwaukee Milwaukee Milwaukee
Maple (Variegated Norway)	Heat Stress (Suspected) Purple-Bordered Leaf Spot	None <i>Phyllosticta minima</i>	Dane Dane
Maple (Unspecified)	Anthracnose Girdling Roots Grade Change Damage Hypoxylon Canker (Suspected) Overly Deep Planting Tar Spot	<i>Discula</i> sp. None None <i>Hypoxylon</i> sp. None <i>Rhytisma acerinum</i>	Dane Dane, Milwaukee Milwaukee Waukesha Dane Dane
Oak (Unspecified)	Frost Crack Girdling Roots (Suspected) Overly Deep Planting	None None None	Waushara Waushara Waushara
Oak (Bur)	Bur Oak Blight Bur Oak Blight (Suspected) Chlorosis (Suspected) Tubakia Leaf Spot Tubakia Leaf Spot (Suspected)	<i>Tubakia iowensis</i> <i>Tubakia iowensis</i> None <i>Tubakia dryina</i> <i>Tubakia dryina</i>	Dane, Iowa, Outagamie Dane, Waukesha Milwaukee Dane, Iowa, Outagamie Milwaukee
Oak (Red)	Oak Wilt Sphaeropsis Canker	<i>Bretziella fagacearum</i> <i>Sphaeropsis</i> sp.	Dane Dane
Oak (Swamp White)	Tubakia Leaf Spot (Suspected)	<i>Tubakia dryina</i>	Dane
Oak (White)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane



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Wisconsin Disease Almanac

BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Pear (Ornamental)	Fertility Issues (Suspected)	None	Racine
Trees (Miscellaneous)	Herbicide Damage (Suspected)	None	Fond Du Lac
FIELD CROPS			
Corn	Tar Spot	<i>Phyllachora maydis</i>	Kewaunee
FRUIT CROPS			
Apple ('Honeycrisp')	Zonal Leaf Chlorosis	None	Milwaukee
Apple (Unspecified)	Chlorosis Cork Spot (Suspected) Fire Blight (Suspected) Root-Bound Water Stress (Suspected)	None None <i>Erwinia amylovora</i> None None	Milwaukee Barron Jefferson Jackson Jackson, Milwaukee
Blueberry	Phomopsis Canker (Suspected)	<i>Phomopsis</i> sp.	St. Croix
Cranberry (Unspecified)	Bitter Rot Black Rot Blotch Rot Early Rot Ripe Rot Upright Dieback	<i>Colletotrichum acutatum</i> , <i>Colletotrichum gloeosporioides</i> <i>Allantophomopsis lycopodina</i> <i>Physalospora vaccinii</i> <i>Phyllosticta vaccinii</i> <i>Coleophoma empetri</i> <i>Phomopsis</i> sp.	Wood Wood Wood Wood Wood Wood
Pear	Stony Pit (Suspected)	<i>Stony pit virus</i>	Eau Claire
Raspberry	Root/Crown Rot (Suspected)	Unspecified root rot fungi/water molds	Waupaca
HERBACEOUS ORNAMENTAL			
Poinsettia	Stem Rot (Suspected)	Unspecified stem rot fungi/water molds	Waukesha
NEEDED WOODY ORNAMENTALS			
Pine (Scots)	Diplodia Shoot Blight and Canker (Suspected)	<i>Diplodia</i> sp.	Walworth



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NEEDED WOODY ORNAMENTALS (Continued)			
Spruce (Black Hills)	Transplant Shock (Suspected)	None	Sauk
Spruce (Blue)	Fertility Issues (Suspected)	None	Unknown (NV)
VEGETABLE CROPS			
Beet	Herbicide Damage (Suspected)	None	Marathon
	Root Rot	<i>Fusarium oxysporum</i>	Marathon
Cucumber	Angular Leaf Spot (Suspected)	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Richland
Cucurbits (Miscellaneous)	Powdery Mildew	<i>Oidium</i> sp.	Dane
Pepper (Unspecified)	Bacterial Spot (Suspected)	<i>Xanthomonas</i> sp.	Dane
Squash (Kabocha)	Gummy Stem Blight	<i>Phoma cucurbitacearum</i>	Washington
Squash (Spaghetti)	Bacterial Soft Rot	<i>Pectobacterium</i> sp.	Washington
	Fusarium Fruit Rot	<i>Fusarium</i> sp.	Washington
Tomato	Late Blight	<i>Phytophthora infestans</i>	St. Croix
Vegetables (Miscellaneous)	Fertility Issues (Suspected)	None	Brown

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".