

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

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The PDDC receives samples of many plant and soil samples from around the state. The following diseases/disorders have been identified at the PDDC from September 15, 2018 through September 21, 2018.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Cytospora Canker Sphaeropsis Canker	<u>Cytospora</u> sp. <u>Sphaeropsis</u> sp.	Sauk Sauk
Crabapple	Septoria Leaf Spot	<u>Septoria</u> sp.	Sauk
Elm ('Valley Forge')	Sphaeropsis Canker	<u>Sphaeropsis</u> sp.	Washington
Forsythia	Phomopsis Canker	<u>Phomopsis</u> sp.	Outagamie
Maple (Unspecified)	Zonate Leaf Spot	<u>Cristulariella</u> sp.	Marathon
Maple (Japanese)	Cytospora Canker Phomopsis Canker Sphaeropsis Canker	<u>Cytospora</u> sp. <u>Phomopsis</u> sp. <u>Sphaeropsis</u> sp.	Houston (MN) Dane Houston (MN)
Maple (Red)	<u>Chlorosis</u>	None	Washington
Mountain-Ash	<u>Powdery Mildew</u> Septoria Leaf Spot	<u>Oidium</u> sp. <u>Septoria</u> sp.	La Crosse La Crosse
Oak (Bur)	Phomopsis Canker <u>Tubakia</u> Leaf Spot	<u>Phomopsis</u> sp. <u>Tubakia</u> sp.	Walworth Dane
Oak (Pin)	<u>Tubakia</u> Leaf Spot	<u>Tubakia dryina</u>	Waukesha
Oak (Red)	<u>Chlorosis</u> Oak Wilt	None <u>Bretziella fagacearum</u>	Jefferson Dane
Oak (Northern Pin)	<u>Verticillium</u> Wilt	<u>Verticillium</u> sp.	Dane
Oak (Unspecified)	White Rot	<u>Inonotus dryadeus</u>	Dane
FRUIT CROPS			
Apple	<u>Cedar-Apple Rust</u>	<u>Gymnosporangium juniperi-virginianae</u>	Sauk
Cranberry	Bitter Rot	<u>Colletotrichum gloeosporiodes</u>	Wood
Grape	Zonate Leaf Spot	<u>Cristulariella</u> sp.	Buffalo

Wisconsin Disease Almanac

HERBACEOUS ORNAMENTALS			
Aralia	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
Dahlia	Anthrachnose	<i>Colletotrichum</i> sp.	Dane
	Coniothyrium Leaf Spot	<i>Coniothyrium</i> sp.	Dane
	Myrothecium Leaf Spot	<i>Myrothecium</i> sp.	Dane
	Phoma Leaf Spot	<i>Phoma</i> sp.	Dane
Goldenrod (Zig-Zag)	Unidentified Rust	Unidentified rust fungus	Waukesha
Hosta	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Fusarium</i> sp.	Racine
Lily-of-the-Valley	Anthrachnose	<i>Colletotrichum</i> sp.	Milwaukee
	Septoria Leaf Spot	<i>Septoria</i> sp.	Milwaukee
Peony	Botrytis Blight/Gray Mold	<i>Botrytis cinerea</i>	Milwaukee
Sunflower	Phomopsis Stem Canker	<i>Phomopsis</i> sp.	Dane
Zinnia	White Mold	<i>Sclerotinia sclerotiorum</i>	Winnebago
NEEDED WOODY ORNAMENTALS			
Juniper	Diplodia Shoot Blight And Canker	<i>Diplodai</i> sp.	Waukesha
	Kabatina Tip Blight	<i>Kabatina</i> sp.	Waukesha
Pine (Red)	Diplodia Shoot Blight And Canker	<i>Diplodai</i> sp.	Dane
VEGETABLE CROPS			
Basil	Downy Mildew	<i>Peronospora belbahrii</i>	Dodge
Carrot	Alternaria Leaf Blight	<i>Alternaria dauci</i>	Crawford
Cucumber	Downy Mildew	<i>Pseudoperonospora cubensis</i>	Crawford
Kale	Alternaria Leaf Spot	<i>Alternaria dauci</i>	Crawford
	Black Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Crawford
Sweet Corn	Anthrachnose Leaf Blight	<i>Colletotrichum graminicola</i>	Dane
	Gray Leaf Spot	<i>Cercospora</i> sp.	Dane
	Southern Rust	<i>Puccinia polysora</i>	Dane
	Tar Spot	<i>Phyllachora maydis</i>	Dane

VEGETABLE CROPS (Continued)			
Tomato	Anthracnose <i>Early Blight</i> <i>Late Blight</i> <i>Powdery Mildew</i> <i>Septoria Leaf Spot</i>	<u><i>Colletotrichum</i> sp.</u> <u><i>Alternaria solani</i></u> <u><i>Phytophthora infestans</i></u> <u><i>Oidium</i> sp.</u> <u><i>Septoria lycopersici</i></u>	Portage Fillmore (MN) Columbia Fillmore (MN) Portage

For additional information on plant diseases and their control, visit the PDDC website at pddc.wisc.edu. Follow the clinic on Facebook and Twitter @UWPDDC.