

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 August 18, 2018 through August 24, 2018.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Herbicide Damage	None	Monroe
Basswood	White Rot	<u>Pleurotus</u> sp.	Sauk
Boxwood	Cercospora Leaf Spot	<u>Cercospora</u> sp.	Waukesha
	Fusarium Canker	<u>Fusarium</u> sp.	Dane
	Macrophoma Leaf Spot	<u>Macrophoma</u> sp.	Waukesha
	Phoma Leaf Spot	<u>Phoma</u> sp.	Waukesha
	Volutella Blight/Canker	<u>Volutella</u> sp.	Dane, Racine, Waukesha
Crabapple	Coniothyrium Leaf Spot	<u>Coniothyrium</u> sp.	Columbia
Dogwood (Pagoda)	Root/Crown Rot	<u>Pythium</u> sp., <u>Fusarium</u> sp.	Dane
Lilac (Japanese Tree)	Verticillium Wilt	<u>Verticillium</u> sp.	Dane
Lilac (Unspecified)	Unspecified Phytoplasma Disease	Unidentified Phytoplasma	Waukesha
Maple (Unspecified)	Cytospora Canker	<u>Cytospora</u> sp.	Waupaca
	Frost Crack	None	Waupaca
Oak (Bur)	Septoria Leaf Spot	<u>Septoria</u> sp.	Dane
	Sphaeropsis Canker	<u>Sphaeropsis</u> sp.	Sauk
	Tatters	None	Dane
Oak (White)	Monochaetia Leaf Spot	<u>Monochaetia</u> sp.	Dane
	Septoria Leaf Spot	<u>Septoria</u> sp.	Dane
Oak (Unspecified)	Monochaetia Leaf Spot	<u>Monochaetia</u> sp.	Dane
	Septoria Leaf Spot	<u>Septoria</u> sp.	Dane, Lafayette
	Tubakia Leaf Spot	<u>Tubakia</u> sp.	Dane
Pear (Ornamental)	Fire Blight	<u>Erwinia amylovora</u>	Milwaukee
Planetree (London)	Cytospora Canker	<u>Cytospora</u> sp.	Washington
	Root/Crown Rot	<u>Fusarium</u> sp.	Washington

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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
<i>Willow (Weeping)</i>	Anthracnose	<u><i>Colletotrichum</i> sp.</u>	La Crosse
FIELD CROPS			
<i>Corn (Seed)</i>	<i>Gray Leaf Spot</i> <i>Northern Corn Leaf Spot</i>	<u><i>Cercospora</i> sp.</u> <u><i>Bipolaris zeicola</i></u>	Dane Dane
<i>Corn (Field)</i>	<i>Anthracnose Leaf Blight</i> <i>Cladosporium Ear Rot</i> <i>Eyespot</i> <i>Fusarium Ear Rot</i> <i>Gray Leaf Spot</i> <i>Northern Corn Leaf Spot</i> <i>Septoria Leaf Blotch</i> <i>Tar Spot</i>	<u><i>Colletotrichum graminicola</i></u> <u><i>Cladosporium</i> sp.</u> <u><i>Kabatiella zae</i></u> <u><i>Fusarium oxysporum</i></u> <u><i>Cercospora</i> sp.</u> <u><i>Bipolaris zeicola</i></u> <u><i>Septoria</i> sp.</u> <u><i>Phyllachora maydis</i></u>	McLeod (MN) Grant Rock Grant Rock, McLeod (MN) McLeod (MN) McLeod (MN) Rock, Sauk, Walworth
FRUIT CROPS			
<i>Apple</i>	<i>Alternaria Blotch</i> Anthracnose Cedar-Apple Rust	<u><i>Alternaria</i> sp.</u> <u><i>Colletotrichum</i> sp.</u> <u><i>Gymnosporangium juniperi- Virginianae</i></u>	Iowa, Lafayette Iowa Iowa
<i>Blueberry</i>	Root/Crown Rot <i>Phomopsis Canker</i>	<u><i>Fusarium</i> sp.</u> <u><i>Phomopsis</i> sp.</u>	Portage Portage
<i>Cranberry</i>	<i>Bitter Rot</i> <i>Early Rot</i> <i>Ripe Rot</i> <i>Upright Dieback</i>	<u><i>Colletotrichum gloeosporioides</i></u> <u><i>Phyllosticta vaccinii</i></u> <u><i>Coleophoma empetri</i></u> <u><i>Phomopsis</i> sp.</u>	Wood Wood Wood Wood
HERBACEOUS ORNAMENTALS			
<i>Goldenrod (Canada)</i>	<i>Unspecified Rust</i>	<i>Unspecified rust fungus</i>	Dane
<i>Hosta</i>	Foliar Nematode	<u><i>Aphelenchoides</i> sp.</u>	Dane
<i>Sunflower</i>	<i>Phomopsis Stem Canker</i>	<u><i>Phomopsis</i> sp.</u>	Dane

Wisconsin Disease Almanac

NEEDED WOODY ORNAMENTALS			
Douglas-Fir	Diplodia Shoot Blight And Canker Swiss Needle Cast	Diplodia sp. Phaeocryptopus gaeumannii	Dane Dane
Fir (White)	Phyllosticta Needle Cast	Phyllosticta sp.	Washington
Juniper	Diplodia Shoot Blight And Canker Winter Burn	Diplodia sp. None	Racine Rock
Pine (Contorted White)	Diplodia Shoot Blight And Canker	Diplodia sp.	Rock
Spruce (Blue)	Rhizosphaera Needle Cast Spruce Needle Cast Cytospora Canker Rhizosphaera Needle Cast	Rhizosphaera Kalkhoffii Setomelanomma Holmii Leucocytospora Kunzei Rhizosphaera Kalkhoffii	Marathon Marathon Monroe Monroe
Spruce (Unspecified)	Stigmina Needle Cast	Stigmina sp.	Dane
VEGETABLE CROPS			
Broccoli	Alternaria Blight Bacterial Soft Rot	Alternaria brassicicola Pectobacterium carotovorum subsp. carotovorum	Rock, Vernon Vernon
Onion	Purple Blotch	Alternaria porri	Rock
Potato	Bacterial Soft Rot Black Leg Early Blight Late Blight Nicotianae Leaf Blight	Dickeya dianthicola , Pectobacterium carotovorum subsp. carotovorum Dickeya dianthicola , Pectobacterium carotovorum subsp. carotovorum Alternaria alternata Phytophthora infestans Phytophthora nicotianae	Waushara Oneida Adams Adams Adams
Pumpkin ('Atlantic Giant')	Root/Crown Rot	Fusarium sp. , Rhizoctonia sp.	Kenosha
Sweet Potato	Unspecified Potyvirus Disease	Unspecified potyvirus	Chippewa
Tomato	Anthracnose Early Blight Powdery Mildew Septoria Leaf Spot	Colletotrichum sp. Alternaria solani Oidium sp. Septoria lycopersici	Portage Portage Portage Rock

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SPECIALTY CROPS			
Hop	<i>Alternaria Cone Disorder</i>	<i>Alternaria</i> sp.	Wood
	<i>Cone Tip Blight</i>	<i>Fusarium</i> sp.	Wood
	<i>Phoma Wilt</i>	<i>Phoma</i> sp.	Wood

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.