

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>	<i>Anthracoze</i>	<i>Colletotrichum sp.</i>	<i>La Crosse</i>
FRUIT CROPS			
<i>Apple</i>	<i>Alternaria Blotch</i> <i>Anthracoze</i> <i>Cedar-Apple Rust</i>	<i>Alternaria sp.</i> <i>Colletotrichum sp.</i> <i>Gymnosporangium juniperi-Virginianae</i>	<i>Iowa, Lafayette</i> <i>Iowa</i> <i>Iowa</i>
<i>Blueberry</i>	<i>Root/Crown Rot</i> <i>Phomopsis Canker</i>	<i>Fusarium sp.</i> <i>Phomopsis sp.</i>	<i>Portage</i> <i>Portage</i>
<i>Cranberry</i>	<i>Bitter Rot</i> <i>Early Rot</i> <i>Ripe Rot</i> <i>Upright Dieback</i>	<i>Colletotrichum gloeosporioides</i> <i>Phyllosticta vaccinii</i> <i>Coleophoma empetri</i> <i>Phomopsis sp.</i>	<i>Wood</i> <i>Wood</i> <i>Wood</i> <i>Wood</i>
HERBACEOUS ORNAMENTALS			
<i>Goldenrod (Canada)</i>	<i>Unspecified Rust</i>	<i>Unspecified rust fungus</i>	<i>Dane</i>
<i>Hosta</i>	<i>Foliar Nematode</i>	<i>Aphelenchoides sp.</i>	<i>Dane</i>
<i>Sunflower</i>	<i>Phomopsis Stem Canker</i>	<i>Phomopsis sp.</i>	<i>Dane</i>
NEEDED WOODY ORNAMENTALS			
<i>Douglas-Fir</i>	<i>Diplodia Shoot Blight And Canker</i> <i>Swiss Needle Cast</i>	<i>Diplodia sp.</i> <i>Phaeocryptopus gaeumannii</i>	<i>Dane</i> <i>Dane</i>
<i>Fir (White)</i>	<i>Phyllosticta Needle Cast</i>	<i>Phyllosticta sp.</i>	<i>Washington</i>
<i>Juniper</i>	<i>Diplodia Shoot Blight And Canker</i> <i>Winter Burn</i>	<i>Diplodia sp.</i> None	<i>Racine</i> <i>Rock</i>
<i>Pine (Contorted White)</i>	<i>Diplodia Shoot Blight And Canker</i>	<i>Diplodia sp.</i>	<i>Rock</i>
<i>Spruce (Blue)</i>	<i>Rhizosphaera Needle Cast</i> <i>Spruce Needle Cast</i> <i>Cytospora Canker</i> <i>Rhizosphaera Needle Cast</i>	<i>Rhizosphaera Kalkhoffii</i> <i>Setomelanomma Holmii</i> <i>Leucocytospora Kunzei</i> <i>Rhizosphaera Kalkhoffii</i>	<i>Marathon</i> <i>Marathon</i> <i>Monroe</i> <i>Monroe</i>
<i>Spruce (Unspecified)</i>	<i>Stigmia Needle Cast</i>	<i>Stigmia sp.</i>	<i>Dane</i>

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VEGETABLE CROPS			
Broccoli	<i>Alternaria Blight</i> <i>Bacterial Soft Rot</i>	<u><i>Alternaria brassicicola</i></u> <u><i>Pectobacterium carotovorum</i></u> <u>subsp. <i>carotovorum</i></u>	Rock, Vernon Vernon
Onion	<i>Purple Blotch</i>	<u><i>Alternaria porri</i></u>	Rock
Potato	<i>Bacterial Soft Rot</i> <i>Black Leg</i> <i>Early Blight</i> <i>Late Blight</i> <i>Nicotianae Leaf Blight</i>	<u><i>Dickeya dianthicola</i></u> , <u><i>Pectobacterium carotovorum</i></u> <u>subsp. <i>carotovorum</i></u> <u><i>Dickeya dianthicola</i></u> , <u><i>Pectobacterium carotovorum</i></u> <u>subsp. <i>carotovorm</i></u> <u><i>Alternaria alternata</i></u> <u><i>Phytophthora infestans</i></u> <u><i>Phytophthora nicotianae</i></u>	Waushara Oneida Adams Adams Adams
Pumpkin ('Atlantic Giant')	<i>Root/Crown Rot</i>	<u><i>Fusarium</i> sp.</u> , <u><i>Rhizoctonia</i> sp.</u>	Kenosha
Sweet Potato	<i>Unspecified Potyvirus Disease</i>	<i>Unspecified potyvirus</i>	Chippewa
Tomato	<i>Anthracnose</i> <i>Early 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>Oidium</i> sp.</u> <u><i>Septoria lycopersici</i></u>	Portage Portage Portage Rock

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.