

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 25, 2018 through August 31, 2018.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Phomopsis Canker Sphaeropsis Canker	<i>Phomopsis</i> sp. <i>Sphaeropsis</i> sp.	Dane Dane
Cotoneaster	Phomopsis Canker	<i>Phomopsis</i> sp.	Outagamie
Crabapple	Apple Scab Cytospora Canker	<i>Venturia inaequalis</i> <i>Cytospora</i> sp.	Eau Claire Houston (MN)
Honeysuckle (Bush)	Root Rot Septoria Leaf Spot	<i>Fusarium</i> sp. <i>Septoria</i> sp.	Waukesha Waukesha
Lilac (Unspecified)	Powdery Mildew Root Rot Unspecified Phytoplasma Disease	<i>Microsphaera</i> sp. <i>Pythium</i> sp. Unspecified phytoplasma	La Crosse, Waukesha Waukesha La Crosse
Maple (Sugar)	Sphaeropsis Canker Verticillium Wilt	<i>Sphaeropsis</i> sp. <i>Verticillium</i> sp.	Waukesha Dane
Maple (Unspecified)	Anthracnose Discosia Leaf Spot	<i>Discula</i> sp. <i>Discosia</i> sp.	Dane Dane
Musclewood	Phyllosticta Leaf Spot	<i>Phyllosticta</i> sp.	Milwaukee
Oak (Bur)	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Green
Oak (Red)	Anthracnose Oak Wilt Sphaeropsis Canker Tubakia Leaf Spot	<i>Discula</i> sp. <i>Bretziella fagacearum</i> <i>Sphaeropsis</i> sp. <i>Tubakia</i> sp.	Dane Dane Dane Dane
Oak (White)	Septoria Leaf Spot	<i>Septoria</i> sp.	Dane, Sauk

BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Oak (Unspecified)	Anthracnose Phomopsis Canker Septoria Leaf Spot Tubakia Leaf Spot	Discula sp. Phomopsis sp. Septoria sp. Tubakia sp.	Dane Dane Dane Dane
Redbud	Verticillium Wilt	Verticillium sp.	Waukesha
Rhododendron	Phytophthora Root Rot Rhizoctonia Root Rot	Phytophthora sp. Rhizoctonia sp.	Dane Dane
Walnut (Black)	Marssonina Leaf Spot Sphaeropsis Canker	Marssonina sp. Sphaeropsis sp.	Dane Dane
FIELD CROPS			
Corn	Eyespot Gray Leaf Spot Northern Corn Leaf Spot Tar Spot	Kabatiella zaeae Cercospora sp. Bipolaris zeicola Phyllachora maydis	Grant Dane, Grant, Stephenson (IL) Grant Dane, Grant, Stephenson (IL)
Soybean	Brown Stem Rot	Cadophora gregata	La Crosse
FRUIT CROPS			
Cherry	Cherry Leaf Spot	Blumeriella jaapii	Dane
Plum	Phoma Leaf Spot	Phoma pomorum	Marathon
Grape	Anthracnose Downy Mildew	Sphaceloma ampelinum Plasmopara viticola	Dane Dane
HERBACEOUS ORNAMENTALS			
Coneflower (Purple)	Cucumber Mosaic Root Rot	Cucumber mosaic virus Fusarium sp.	Waukesha Waukesha
NEEDED WOODY ORNAMENTALS			
Spruce (Blue)	Rhizosphaera Needle Cast Stigmina Needle Cast	Rhizosphaera kalkhoffii Stigmina sp.	Waukesha Waukesha
Spruce (Unspecified)	Rhizosphaera Needle Cast	Rhizosphaera kalkhoffii	Dane

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VEGETABLE CROPS			
Broccoli	Clubroot	<i>Plasmodiophora brassicae</i>	Dane
Carrot	Black Rot	<i>Alternaria radicina</i>	Dane
Dill	Cercosporoid Blight	<i>Passalora punctum</i>	Sheboygan
Pepper (Bell)	Anthrachnose	<i>Colletotrichum coccodes</i>	Rock
Potato	Bacterial Soft Rot	<i>Dickeya dianthicola</i>	Waushara
	Bacterial Soft Rot	<i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i>	Portage
	Purple Top	Aster yellows phytoplasma	Oneida
	Pythium Leak	<i>Pythium</i> sp.	Portage
Pumpkin/Squash	Botrytis Blight	<i>Botrytis cinerea</i>	Adams
	Cucumber Mosaic	<i>Cucumber mosaic virus</i>	Adams
Tomato	Septoria Leaf Spot	<i>Septoria lycopersici</i>	Dane
	Sour Rot	<i>Geotrichum</i> sp.	Dane

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.