



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

Brian Hudelson, Sue Lueloff, Alex Mikus and Ann Joy

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 17, 2019 through August 23, 2019.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Boxwood	Cercospora Leaf Spot Fusarium Canker Limb Blight Volutella Canker	<i>Cercospora</i> sp. <i>Fusarium</i> sp. <i>Colletotrichum</i> sp. <i>Volutella</i> sp.	Waukesha Dane, Milwaukee, Waukesha Milwaukee Brown, Dane, Milwaukee, Waukesha
Crabapple	Apple Scab Cytospora Canker Fire Blight Frogeye Leaf Spot	<i>Venturia inaequalis</i> <i>Cytospora</i> sp. <i>Erwinia amylovora</i> <i>Botryosphaeria obtusa</i>	Dane, La Crosse Dane Waukesha Dane
Dogwood (Red-Twig)	Phomopsis Canker Root/Crown Rot Sphaeropsis Canker	<i>Phomopsis</i> sp. <i>Phytophthora</i> sp. <i>Sphaeropsis</i> sp.	Dane Dane Dane
Ginkgo	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Fusarium</i> sp.	Dane
Hawthorn	Chlorosis	None	Brown
Lilac	Alternaria Leaf Spot	<i>Alternaria</i> sp.	Waukesha
Maple (Japanese)	Phomopsis Canker	<i>Phomopsis</i> sp.	Milwaukee
Maple (Norway)	Nectria Canker	<i>Tubercularia</i> sp./ <i>Nectria</i> sp.	Milwaukee
Maple (Siebold's)	Phomopsis Canker	<i>Phomopsis</i> sp.	Milwaukee
Maple (Unspecified)	Cytospora Canker Root/Crown Rot	<i>Cytospora</i> sp. <i>Pythium</i> sp., <i>Fusarium</i> sp.	Waukesha Vernon
Mulberry	Cylindrosporium Leaf Spot Herbicide Damage	<i>Cylindrosporium</i> sp. None	La Crosse La Crosse



Extension

UNIVERSITY OF WISCONSIN-MADISON

Wisconsin Disease Almanac

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Oak (Bur)	Bur Oak Blight	<i>Tubakia iowensis</i>	Columbia, Waukesha
	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Columbia, Waukesha
Oak (Red)	Phomopsis Canker	<i>Phomopsis</i> sp.	Waukesha
Oak (White)	Anthraxnose	<i>Discula</i> sp.	Dane
	Chlorosis	None	Dane
	Herbicide Damage	None	Dane
	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
Oak (Unspecified)	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Dane
	Chlorosis	None	Rock
	Oak Wilt	<i>Bretziella fagacearum</i>	Shawano
	Tatters	None	Sawyer
Pear (Callery)	Fire Blight	<i>Erwinia amylovora</i>	Dane, Sawyer
Planetree (London)	Fire Blight	<i>Erwinia amylovora</i>	Waukesha
	Anthraxnose	<i>Discula platani</i>	DuPage (IL)
	Sunscald/Sunburn	None	DuPage (IL)
FIELD CROPS			
Corn	Common Rust	<i>Puccinia sorghi</i>	Rock
	Gray Leaf Spot	<i>Cercospora</i> sp.	Columbia, Washington
	Tar Spot	<i>Phyllachora maydis</i>	Columbia, Dane, Iowa, Sauk
FORAGE CROPS			
Alfalfa	Rhizoctonia Root Rot	<i>Rhizoctonia</i> sp.	Washington (IL)
FRUIT CROPS			
Apple	Apple Scab	<i>Venturia inaequalis</i>	Fond du Lac
Grape	Sour Rot	Unidentified bacteria	Dane
Pear	Pear Scab	<i>Venturia pirina</i>	Fond du Lac, Outagamie



Extension

UNIVERSITY OF WISCONSIN-MADISON

Wisconsin Disease Almanac

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
HERBACEOUS ORNAMENTALS			
Hosta	Anthracoze	<i>Colletotrichum</i> sp.	Waukesha
Iris	Unspecified Potyvirus Disease	Unspecified potyvirus	Columbia
NEEDED WOODY ORNAMENTALS			
Fir (Unspecified)	Rhizosphaera Needle Cast	<i>Rhizosphaera</i> sp.	Eau Claire
Juniper	Diplodia Canker Phomopsis Tip Blight	<i>Diplodia</i> sp. <i>Phomopsis juniperovora</i>	Dane, Milwaukee Milwaukee
Spruce (Black Hills)	Diplodia Canker Rhizosphaera Needle Cast Spruce Needle Drop	<i>Diplodia</i> sp. <i>Rhizosphaera kalkhoffii</i> <i>Setomelanomma holmii</i>	Dane Dane Dane
Spruce (White)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	La Crosse
VEGETABLE CROPS			
Basil	Downy Mildew	<i>Peronospora belbahrii</i>	Waukesha
Beet (Table)	Fusarium Root Rot	<i>Fusarium oxysporum</i>	Vernon
Cucumber	Angular Leaf Spot Anthracoze Downy Mildew	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i> <i>Colletotrichum orbiculare</i> <i>Pseudoperonospora cubensis</i>	Waushara Trempealeau Vernon
Eggplant	Verticillium Wilt	<i>Verticillium</i> sp.	Walworth
Pepper (Bell)	Blossom End Rot	None	Adams
Potato	Late Blight	<i>Phytophthora infestans</i>	Crawford
Pumpkin	Alternaria Leaf Blight	<i>Alternaria cucumerina</i>	Adams
Tomato	Septoria Leaf Spot	<i>Septoria lycopersici</i>	Jefferson, Waukesha
Watermelon	Anthracoze Rhizoctonia Root Rot	<i>Colletotrichum orbiculare</i> <i>Rhizoctonia</i> sp.	Trempealeau Adams

Wisconsin Disease Almanac



Extension

UNIVERSITY OF WISCONSIN-MADISON

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
SPECIALTY CROPS			
Hemp (Industrial)	Cercospora Leaf Spot	<i>Cercospora</i> sp.	Lafayette
	Downy Mildew	<i>Pseudoperonospora</i> sp.	Lafayette, Rock, Waushara
	Helminthosporium Leaf Spot	<i>Helminthosporium</i> sp.	Jackson, Lafayette
	Septoria Leaf Spot	<i>Septoria</i> sp.	Lafayette
Hop	Anthracnose	<i>Colletotrichum</i> sp.	Wood
	Cone Tip Blight	<i>Fusarium</i> sp.	Wood
	Phyllosticta Cone Disorder	<i>Phyllosticta</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.