



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 Horticulture Update

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)	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Dane, Sawyer
	Fire Blight	<i>Erwinia amylovora</i>	Waukesha
Planetree (London)	Fire Blight	<i>Erwinia amylovora</i>	Waukesha
	Anthraxnose	<i>Discula platani</i>	DuPage (IL)
	Sunscald/Sunburn	None	DuPage (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
HERBACEOUS ORNAMENTALS			
Hosta	Anthraxnose	<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	<i>Diplodia</i> sp.	Dane, Milwaukee
	Phomopsis Tip Blight	<i>Phomopsis juniperovora</i>	Milwaukee



Extension

UNIVERSITY OF WISCONSIN-MADISON

Wisconsin Horticulture Update

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
NEEDED WOODY ORNAMENTALS (Continued)			
Spruce (Black Hills)	Diplodia Canker	<i>Diplodia</i> sp.	Dane
	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Dane
	Spruce Needle Drop	<i>Setomelanomma holmii</i>	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	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Waushara
	Anthracnose	<i>Colletotrichum orbiculare</i>	Trempealeau
	Downy Mildew	<i>Pseudoperonospora cubensis</i>	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	Anthracnose	<i>Colletotrichum orbiculare</i>	Trempealeau
	Rhizoctonia Root Rot	<i>Rhizoctonia</i> sp.	Adams

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.