



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 September 14, 2019 through September 20, 2019.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Azalea	Leaf Blight Root/Crown Rot	<i>Phytophthora</i> sp. <i>Phytophthora</i> sp.	Milwaukee Milwaukee
Boxwood	Volutella Canker	<i>Volutella</i> sp.	Brown
Hawthorn	Cedar-Quince Rust Root/Crown Rot	<i>Gymnosporangium clavipes</i> <i>Pythium</i> sp.	Marathon Brown
Hydrangea	Root/Crown Rot	<i>Rhizoctonia</i> sp.	Milwaukee
Magnolia	Herbicide Damage Verticillium Wilt	None <i>Verticillium</i> sp.	Milwaukee Dane
Maple (Norway)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Brown
Maple (Unspecified)	Anthracnose Phomopsis Canker Root/Crown Rot Tar Spot	<i>Discula</i> sp. <i>Phomopsis</i> sp. <i>Pythium</i> sp., <i>Fusarium</i> sp. <i>Rhytisma acerinum</i>	Dane Milwaukee Milwaukee Waukesha
Oak (Bur)	Anthracnose Bur Oak Blight Chlorosis Tubakia Leaf Spot	<i>Discula</i> sp. <i>Tubakia lowensis</i> None <i>Tubakia dryina</i>	Dane, Rock Dane, Green Lake, Trempealeau, Waukesha, Winnebago Rock Dane, Rock, Waukesha, Winnebago
Oak (Red)	Oak Wilt Septoria Leaf Spot Tubakia Leaf Spot	<i>Bretziella fagacearum</i> <i>Septoria</i> sp. <i>Tubakia dryina</i>	Washburn Rock Calumet, Rock

Wisconsin Horticulture Update



PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Oak (White)	Anthracnose Monochaetia Leaf Spot Septoria Leaf Spot Sphaeropsis Canker Tubakia Leaf Spot	<i>Discula</i> sp. <i>Monochaetia</i> sp. <i>Septoria</i> sp. <i>Sphaeropsis</i> sp. <i>Tubakia dryina</i>	Winnebago Kenosha Rock Kenosha Winnebago
Oak (Unspecified)	Chlorosis	None	Winnebago
Spirea	Alternaria Leaf Spot	<i>Alternaria</i> sp.	Dane
Viburnum	Root/Crown Rot	<i>Pythium</i> sp.	Waukesha
FRUIT CROPS			
Cherry	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Raspberry	Septoria Leaf Spot	<i>Septoria</i> sp.	Brown
NEEDED WOODY ORNAMENTALS			
Cedar (Red)	Cedar-Apple Rust	<i>Gymnosporangium juniperi-virginianae</i>	Dane
Fir (Concolor)	Phomopsis Canker	<i>Phomopsis</i> sp.	Door
Fir (Unspecified)	Rhizosphaera Needle Cast	<i>Rhizosphaera</i> sp.	Dane
VEGETABLE CROPS			
Potato	Bacterial Soft Rot Early Blight	<i>Dickeya dianthicola</i> , <i>Pectobacterium atrosepticum</i> <i>Alternaria solani</i>	Langlade Dame
Snap Bean	Cercospora Leaf Spot/Blotch	<i>Cercospora canescens</i>	Sauk
Squash (Spaghetti)	Xanthomonas Leaf Spot	<i>Xanthomonas</i> sp.	Vernon
Tomato	Cercospora Leaf Mold Early Blight Late Blight	<i>Pseudocercospora fuligena</i> <i>Alternaria solani</i> <i>Phytophthora infestans</i>	St. Croix Dane, Portage, St. Croix Green Lake, Portage, Sauk, St. Croix

Wisconsin Horticulture Update



Extension

UNIVERSITY OF WISCONSIN-MADISON

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
VEGETABLE CROPS (Continued)			
Tomato (Continued)	Septoria Leaf Spot	<i>Septoria lycopersici</i>	Dane, Green Lake, Portage, St. Croix

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.