



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 24, 2019 through August 30, 2019.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Phyllosticta Leaf Spot	<i>Phyllosticta</i> sp.	Sheboygan
Beech (Tricolor European)	Phomopsis Canker Root/Crown Rot	<i>Phomopsis</i> sp. <i>Rhizoctonia</i> sp.	Dane Dane
Boxwood	Fusarium Canker Phomopsis Canker Volutella Canker	<i>Fusarium</i> sp. <i>Phomopsis</i> sp. <i>Volutella</i> sp.	Dane, Ozaukee Dane Dane, Ozaukee
Lilac (Japanese Tree)	Verticillium Wilt	<i>Verticillium</i> sp.	Dane, Milwaukee
Magnolia	Phomopsis Canker Powdery Mildew	<i>Phomopsis</i> sp. <i>Microsphaera</i> sp.	Dane Dane
Maple (Freeman)	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
Maple (Japanese)	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Maple (Sugar)	Nectria Canker Phomopsis Canker	<i>Tubercularia</i> sp. <i>Phomopsis</i> sp.	Adams Adams, Waukesha
Maple (Unspecified)	Anthracnose Tatters Verticillium Wilt	<i>Discula</i> sp. None <i>Verticillium</i> sp.	Marathon Marathon Fond du Lac
Musclewood	Cytospora Canker	<i>Cytospora</i> sp.	Ozaukee
Oak (Bur)	Anthracnose Bur Oak Blight Oak Leaf Blister Oak Wilt Tubakia Leaf Spot	<i>Discula</i> sp. <i>Tubakia lowensis</i> <i>Taphrina caerulescens</i> <i>Bretziella fagacearum</i> <i>Tubakia dryina</i>	Dane, Door, Walworth Racine, Walworth Door Racine Dane, Walworth
Oak (Pin)	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Unknown (IL)

Wisconsin Disease Almanac



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BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Oak (Red)	Anthracnose Tubakia Leaf Spot	<i>Discula</i> sp. <i>Tubakia dryina</i>	Columbia Columbia
Oak (Swamp White)	Anthracnose White Rot	<i>Discula</i> sp. <i>Phellinus</i> sp.	Rock Rock
Oak (White)	Anthracnose Chlorosis Smooth Patch	<i>Discula</i> sp. None None	Dane, Sauk Sauk Dane
Oak (Unspecified)	Chlorosis	None	Dane
FIELD CROPS			
Corn	Goss' Wilt Gray Leaf Spot Northern Corn Leaf Spot Physoderma Leaf Spot Root Rot Tar Spot	<i>Clavibacter michiganensis</i> subsp. <i>nebraskensis</i> <i>Cercospora</i> sp. <i>Bipolaris zeicola</i> <i>Physoderma maydis</i> <i>Fusarium oxysporum</i> , <i>Fusarium graminearum</i> <i>Phyllachora maydis</i>	Lafayette Dodge Trempealeau Trempealeau Jefferson Green, Kewaunee, Rock, Shawano
Soybean	Cercospora Leaf Blight Phyllosticta Leaf Spot Tobacco Streak	<i>Cercospora</i> sp. <i>Phyllosticta</i> sp. <i>Tobacco streak virus</i>	Ozaukee, Sheboygan Ozaukee, Sheboygan Dodge
FRUIT CROPS			
Apple	Black Rot Cedar-Apple Rust Phomopsis Canker Root/Crown Rot	<i>Diplodia</i> sp. <i>Gymnosporangium juniperi-virginiae</i> <i>Phomopsis</i> sp. <i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.,	Jefferson Richland Unknown (IL) Richland



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FRUIT CROPS (Continued)			
Blueberry	Gloeosporium Canker	<i>Gloeosporium</i> sp.	Jefferson
Peach	Phomopsis Canker	<i>Phomopsis</i> sp.	Richland
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Richland
Pear	Root/Crown Rot	<i>Pythium</i> sp., <i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.	Richland
HERBACEOUS ORNAMENTALS			
Snow-on-the-Mountain	Septoria Leaf Spot	<i>Septoria</i> sp.	Marathon
NEEDED WOODY ORNAMENTALS			
Arborvitae	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp.	Dane, Brown
Douglas-Fir	Swiss Needle Cast	<i>Phaeocryptopus gaeumannii</i>	Dane, Waukesha
Spruce (Blue)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Shawano
Spruce (Norway)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Dane
Spruce (Unspecified)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Dane, Sheboygan
VEGETABLE CROPS			
Carrot	Aster Yellows	Aster yellows phytoplasma	Fillmore (MN)
Cucurbit (Unspecified)	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Jackson
Squash (Unspecified)	Powdery Mildew	<i>Oidium</i> sp.	Dane
Tomato	Bacterial Canker	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Chippewa
	Late Blight	<i>Phytophthora infestans</i>	Juneau
	Septoria Leaf Spot	<i>Septoria lycopersici</i>	Marathon
SPECIALTY CROPS			
Hemp (Industrial)	Helminthosporium Leaf Spot	<i>Helminthosporium</i> sp.	Lafayette, 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.