



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

Brian Hudelson, Sue Lueloff, Alex Mikus, Gisele Guzman 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 3, 2019 through August 9, 2019.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Boxwood	Fusarium Canker Macrophoma Leaf Blight Volutella Canker	<i>Fusarium</i> sp. <i>Macrophoma</i> sp. <i>Volutella</i> sp.	Ozaukee Ozaukee Ozaukee
Burning Bush	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
Dogwood (Pagoda)	Golden Canker Septoria Leaf Spot	<i>Cryptodiaporthe corni</i> <i>Septoria</i> sp.	Dane Dane
Maple ('Siena Glen')	Chlorosis	None	Dane
Oak (Bur)	Bur Oak Blight Cytospora Canker	<i>Tubakia iowensis</i> <i>Cytospora</i> sp.	Dane Green
Oak (Pin)	Chlorosis	None	Iowa
Oak (Red)	Chlorosis Sphaeropsis Canker	None <i>Sphaeropsis</i> sp.	Dane Dane
Planetree	Anthraxnose	<i>Discula platani</i>	Cook (IL)
Rhododendron	Root/Crown Rot	<i>Phytophthora</i> sp.	Dane
Sumac	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
FIELD CROPS			
Corn	Common Rust Gray Leaf Spot Physoderma Leaf Spot	<i>Puccinia sorghi</i> <i>Cercospora</i> sp. <i>Physoderma maydis</i>	Dodge Columbia Lafayette
Soybean	Fusarium Root Rot Phytophthora Root And Stem Rot Pythium Root Rot	<i>Fusarium</i> sp. <i>Phytophthora</i> sp. <i>Pythium</i> sp.	Waupaca Waupaca Waupaca

Wisconsin Disease Almanac



Extension

UNIVERSITY OF WISCONSIN-MADISON

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
FORAGE CROPS			
Alfalfa	Aphanomyces Root Rot	<i>Aphanomyces euteiches</i>	Dane, Wood
	Phytophthora Root Rot	<i>Phytophthora medicaginis</i>	Dane
FRUIT CROPS			
Gooseberry	Gloeosporidiella Leaf Spot	<i>Gloeosporidiella</i> sp.	McLeod (MN)
Pear	Diplodia Canker	<i>Diplodia</i> sp.	Dane
HERBACEOUS ORNAMENTALS			
Coneflower (Purple)	Cucumber Mosaic	<i>Cucumber mosaic virus</i>	Dane
NEEDED WOODY ORNAMENTALS			
Douglas-Fir	Swiss Needle Cast	<i>Phaeocryptopus gaeumannii</i>	Dane
Fir (White)	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp.	Dane
Pine (Red)	Diplodia Shoot Blight and Canker	<i>Diplodia</i> sp.	Douglas
Spruce (Black Hills)	Root Rot	<i>Pythium</i> sp., <i>Fusarium oxysporum</i>	Door
Spruce (White)	Root Rot	<i>Pythium</i> sp.	Door
Spruce (Unspecified)	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
VEGETABLE CROPS			
Basil	Downy Mildew	<i>Peronospora belbahrii</i>	Sheboygan
Bean (Snap)	Cucumber Mosaic	<i>Cucumber mosaic virus</i>	Iowa
Cabbage	Black Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Marathon
Cucumber	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Dane
	Anthracnose	<i>Colletotrichum orbiculare</i>	Dane
	Powdery Mildew	<i>Oidium</i> sp.	Dane
Pea	Bacterial Blight	<i>Xanthomonas</i> sp., <i>Pseudomonas syringae</i>	Sibley (MN)
	Powdery Mildew	<i>Oidium</i> sp.	Sibley (MN)
Pepper (Bell)	Bacterial Spot	<i>Xanthomonas</i> sp.	Fillmore (MN)
	Syringae Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>syringae</i>	Fillmore (MN)



Extension

UNIVERSITY OF WISCONSIN-MADISON

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
VEGETABLE CROPS (Continued)			
Potato	Black Leg	<i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i>	Oneida
Pumpkin	Root/Crown Rot	<i>Fusarium</i> sp.	Waushara
Squash (Winter)	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Jackson
Tomato (Unspecified)	Early Blight Septoria Leaf Spot	<i>Alternaria solani</i> <i>Septoria lycopersici</i>	Clark Brown, Clark
SPECIALTY CROPS			
Hemp (Industrial)	Downy Mildew Root Rot Septoria Leaf Spot	<i>Pseudoperonospora</i> sp. <i>Pythium</i> sp. <i>Septoria</i> sp.	Jackson, Marathon Marathon Jackson

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.