

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

Brian Hudelson, Ann Joy, Erin DeWinter and Joyce Wu

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 10, 2013 through August 16, 2013.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Ash (Green)	Cytospora Canker Sphaeropsis Canker <i>Verticillium Wilt</i>	<i>Cytospora</i> sp. <i>Sphaeropsis</i> sp. <i>Verticillium</i> sp.	Dane Dane Dane
Crabapple	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Waukesha
Magnolia	<i>Verticillium Wilt</i>	<i>Verticillium</i> sp.	Waukesha
Maple (Sugar)	Steganosporium Canker	<i>Steganosporium</i> sp.	Grant
Maple (Unspecified)	Cytospora Canker	<i>Cytospora</i> sp.	Dane
Oak (Bur)	<i>Anthraco</i> se Bur Oak Blight <i>Tubakia</i> Leaf Spot	<i>Discula</i> sp. <i>Tubakia iowensis</i> <i>Tubakia</i> sp.	Waukesha Walworth, Waukesha Walworth, Waukesha
Oak (Unidentified)	<i>Anthraco</i> se <i>Chlorosis</i> Oak Wilt Sphaeropsis Canker <i>Tubakia</i> Leaf Spot	<i>Discula</i> sp. None <i>Ceratocystis fagacearum</i> <i>Sphaeropsis</i> sp. <i>Tubakia</i> sp.	Dane Dane Dane, Jefferson, Walworth Dane Dane
FIELD CROPS			
Corn	Northern Corn Leaf Spot	<i>Bipolaris zeicola</i>	Grant
Soybean	<i>Charcoal Rot</i> Dicamba Injury Fusarium Root Rot <i>Soybean Cyst</i>	<i>Macrophomina phaseolina</i> None <i>Fusarium</i> sp. <i>Heterodera glycines</i>	Dane Walworth Trempealeau Trempealeau
FORAGE CROPS			
Alfalfa	<i>Aphanomyces</i> Root Rot Crown Rot	<i>Aphanomyces euteiches</i> <i>Fusarium</i> spp.	Lafayette

Wisconsin Disease Almanac



FRUIT CROPS			
Apple	Root/Crown Rot	Phytophthora sp.	Pierce
Grape	Downy Mildew	Plasmopara viticola	Dane
	Powdery Mildew	Oidium sp.	Dane
Raspberry	Root/Crown Rot	Pythium sp. , Rhizoctonia sp. , Fusarium sp. , Cylindrocarpon sp.	Lincoln, Rusk
HERBACEOUS ORNAMENTALS			
Anemone	Foliar Nematodes	Aphelenchoides sp.	McHenry (IL)
Black-Eyed Susan	Septoria Leaf Spot	Septoria sp.	Eau Claire
Coreopsis	Root Rot	Pythium sp.	Dane
Impatiens	Downy Mildew	Plasmopara obducens	Clark, Kewaunee
NEEDED WOODY ORNAMENTALS			
Juniper	Root Rot	Pythium sp. , Phytophthora sp.	Dane
VEGETABLES			
Chard (Green)	Cercospora Leaf Spot	Cercospora sp.	Vernon
Chard (Red)	Cercospora Leaf Spot	Cercospora sp.	Vernon
Kale (Green)	Alternaria Leaf Spot	Alternaria brassisicola	Vernon
	Black Rot	Xanthomonas campestris pv. campestris	Vernon
Okra	Alternaria Leaf Spot	Alternaria sp.	Vernon
Pepper	Blossom End Rot	None	Vernon
Potato	Late Blight	Phytophthora infestans	Carroll (IL)
Tomato	Bacterial Speck	Pseudomonas syringae pv. tomato	Vernon
	Early Blight	Alternaria solani	Vernon
	Late Blight	Phytophthora infestans	Vernon
	Septoria Leaf Spot	Septoria lycopersici	Vernon
	Sunscald	None	Sauk
SPECIALTY CROPS			
Hop	Hop Latent Virus	Hop latent virus	Monroe
SOIL			
Soybean Soil	Soybean Cyst	Heterodera glycines	Eau Claire, Walworth

For additional information on plant diseases and their control, visit the PDCC website at pdcc.wisc.edu.