



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

Brian Hudelson, Ann Joy, Joyce Wu, Tom Hinsenkamp and Catherine Wendt

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 16, 2014 through August 22, 2014.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAVED WOODY ORNAMENTALS			
Ash (Unspecified)	Phomopsis Canker	<i>Phomopsis</i> sp.	La Crosse
Boxwood	Verticillium Wilt	<i>Verticillium</i> sp.	Ozaukee
Cherry	Bacteriosis	<i>Xanthomonas</i> sp.	Dane
Crabapple	Apple Scab	<i>Venturia inaequalis</i>	Waukesha
Elm (American)	Dutch Elm Disease	<i>Ophiostoma</i> sp.	Dane
Ivy	Anthracnose	<i>Colletotrichum</i> sp.	Ozaukee
Lilac (Japanese)	Herbicide Damage	None	Waukesha
	Septoria Leaf Spot	<i>Septoria</i> sp.	Waukesha
Maple (Sugar)	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Oak (Black)	Oak Wilt	<i>Ceratocystis fagacearum</i>	Dane, Marathon
Oak (Bur)	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Dane
Oak (Red)	Oak Wilt	<i>Ceratocystis fagacearum</i>	La Crosse
Oak (White)	Cytospora Canker	<i>Cytospora</i> sp.	Rock
	Monochaetia Leaf Spot	<i>Monochaetia</i> sp.	Rock
	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Grant, Rock
Oak (Unspecified)	Oak Wilt	<i>Ceratocystis fagacearum</i>	Dane
	Tatters	None	Dane
	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Dane, St. Croix
Rhododendron	Root/Crown Rot	<i>Pythium</i> sp.	Dane
FIELD CROPS			
Corn	Goss' Wilt	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Lafayette
Soybean	Pod and Stem Blight	<i>Phomopsis</i> sp.	Buffalo
	Root Rot	<i>Rhizoctonia solani</i> , <i>Pythium</i> sp., <i>Fusarium</i> spp.	Green Lake, Sheboygan
FRUIT CROPS			
Apple	Cytospora Canker	<i>Cytospora</i> sp.	Florence
Cranberry	Early Rot	<i>Phyllosticta vacinii</i>	Wood
Raspberry	Cane Blight	<i>Coniothyrium fuckelii</i>	Racine
Strawberry	Root Rot	<i>Rhizoctonia solani</i> , <i>Pythium</i> sp., <i>Fusarium</i> spp.	Waupaca

Wisconsin Disease Almanac

HERBACEOUS ORNAMENTALS			
Echinacea	Root Rot	<u><i>Pythium</i> sp.</u>	Lake (IL)
Gallardia	White Mold	<u><i>Sclerotinia sclerotiorum</i></u>	Washburn
Impatiens	Root Rot	<u><i>Pythium</i> sp.</u> , <u><i>Rhizoctonia solani</i></u>	Washburn
Salvia	White Mold	<u><i>Sclerotinia sclerotiorum</i></u>	Washburn
Zinnia	White Mold	<u><i>Sclerotinia sclerotiorum</i></u>	Washburn
NEEDED WOODY ORNAMENTALS			
Juniper	Phomopsis Tip Blight	<u><i>Phomopsis juniperovora</i></u>	Sawyer
	Root Rot	<u><i>Fusarium</i> sp.</u> , <u><i>Cylindrocarpon</i> sp.</u>	Sawyer
Spruce (Blue)	Phomopsis Canker	<u><i>Phomopsis</i> sp.</u>	Racine
	Rhizosphaera Needle Cast	<u><i>Rhizosphaera kalkhoffii</i></u>	Racine
Spruce (Unspecified)	Phomopsis Canker	<u><i>Phomopsis</i> sp.</u>	Dane, Milwaukee, Waukesha
	Rhizosphaera Needle Cast	<u><i>Rhizosphaera kalkhoffii</i></u>	Dane
	Sirococcus Tip Blight	<u><i>Sirococcus</i> sp.</u>	Milwaukee
VEGETABLES			
Basil	Downy Mildew	<u><i>Peronospora belbahrii</i></u>	Washington
Dill	Cercosporoid Leaf Blight	<u><i>Passalora punctum</i></u>	Barron
Pepper	Bacterial Spot	<u><i>Xanthomonas</i> sp.</u>	Shawano
Squash (Winter)	Phytophthora Crown and Root Rot	<u><i>Phytophthora capsici</i></u>	Racine
Tomato	Black Dot Root Rot	<u><i>Colletotrichum</i> sp.</u>	Dane
	Bacterial Canker	<u><i>Clavibacter michiganensis</i> ps. <i>michiganensis</i></u>	Racine
	Dagger Nematode*	<u><i>Xiphinema</i> sp.</u>	Dane
	Septoria Leaf Spot	<u><i>Septoria lycopersici</i></u>	Portage, Racine, Shawano
SPECIALTY CROPS			
Ginseng	Rusty Root	<u><i>Rhexocercosporidium</i> sp.</u>	Delta (MI)
Tobacco	Barn Rot	<u><i>Rhizopus</i> sp.</u>	Rock

*Diagnosis performed by the [UW-Madison Nematode Diagnostic Lab](#)

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