



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

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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, 2013 through August 30, 2013.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Catalpa	Verticillium Wilt	<u>Verticillium sp.</u>	Waukesha
Elm	Dutch Elm Disease	<u>Ophiostoma sp.</u>	Jefferson
	Sphaeropsis Canker	<u>Sphaeropsis sp.</u>	Green Lake
Horse Chestnut	Leaf Blotch	<u>Guignardia aesculi</u>	Milwaukee
Lilac (Japanese Tree)	Verticillium Wilt	<u>Verticillium sp.</u>	Dane
Maple (Japanese)	Verticillium Wilt	<u>Verticillium sp.</u>	Dane
Maple (Unidentified)	Steganosporium Canker	<u>Steganosporium sp.</u>	Sauk
	Verticillium Wilt	<u>Verticillium sp.</u>	Dane
Oak (Red)	Chlorosis	None	Dane, Rock
	Tubakia Leaf Spot	<u>Tubakia sp.</u>	Dane
Oak (Unidentified)	Oak Wilt	<u>Ceratocystis fagacearum</u>	Dane
Smokebush	Verticillium Wilt	<u>Verticillium sp.</u>	Dane
FIELD CROPS			
Corn	Common Rust	<u>Puccinia sorghi</u>	Dane
Soybean	Anthracnose	<u>Colletotrichum truncatum</u>	Rock
	Brown Spot	<u>Septoria glycines</u>	Calumet, Rock
	Cercospora Leaf Blight	<u>Cercospora kikuchii</u>	Sheboygan
	Frogeye Leaf Spot	<u>Cercospora sojina</u>	Rock
	Ozone Injury	None	Calumet
	Stem Canker	<u>Diaporthe phaseolorum</u>	Rock
	Target Spot	<u>Corynespora cassiicola</u>	Rock
FRUIT CROPS			
Apple	Brown Rot	<u>Monilinia sp.</u>	Columbia
Grape	Berry Rot	Miscellaneous yeasts	Vernon
	Bird's Eye Rot	<u>Sphaceloma ampelinum</u>	Vernon
	Blue Mold	<u>Penicillium sp.</u>	Vernon
Raspberry	Anthracnose	<u>Sphaceloma necator</u>	Pierce
	Root/Crown Rot	<u>Phytophthora sp.</u> , <u>Pythium sp.</u> , <u>Fusarium sp.</u> , <u>Cylindrocarpon sp.</u>	Dane, Lincoln

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HERBACEOUS ORNAMENTALS			
Astilbe	Root/Crown Rot	<i>Phytophthora</i> sp.	Ozaukee
Impatiens	Downy Mildew	<i>Plasmopara obducens</i>	Dane
Spiderwort	Root/Crown Rot	<i>Fusarium</i> sp., <i>Colletotrichum</i> sp.	Waukesha
NEEDED WOODY ORNAMENTALS			
Spruce (Blue)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Milwaukee, Waukesha
Spruce (Unidentified)	Spruce Needle Rust	<i>Chrysomyxa ledicola</i>	Rusk
VEGETABLES			
Garlic	Stem and Bulb/Bloat Nematode	<i>Ditylenchus dipsaci</i>	Dane
Melon	Alternaria Leaf Spot	<i>Alternaria</i> sp.	Crawford
	Cercospora Leaf Spot	<i>Cercospora</i> sp.	Crawford
	Fusarium Wilt	<i>Fusarium oxysporum</i>	Waukesha
Parsnip	Pseudocercospora Leaf Blight	<i>Pseudocercospora</i> sp.	Crawford
Tomato	Septoria Leaf Spot	<i>Septoria lycopersici</i>	La Crosse
Zucchini	Fusarium Wilt	<i>Fusarium oxysporum</i>	Green Lake
SPECIALTY CROPS			
Hop	Gray Mold	<i>Botrytis</i> sp.	Dodge
SOIL			
Alfalfa Soil	Aphanomyces Seedling Blight	<i>Aphanomyces euteiches</i> race 1	Manitowoc
Soybean Soil	Soybean Cyst	<i>Heterodera glycines</i>	Buffalo, Jefferson, Rock, Walworth, Washington

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