

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 July 21, 2018 through July 27, 2018.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Aspen (Quaking)	Cytospora Canker	<i>Cytospora</i> sp.	Dane
Magnolia	Verticillium Wilt	<i>Verticillium</i> sp.	Milwaukee
Maple (Sugar)	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Maple (Unspecified)	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Wisteria	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Fusarium</i> sp.	Milwaukee
FIELD CROPS			
Soybean	Charcoal Rot Fusarium Root Rot Rhizoctonia Root Rot	<i>Macrophomina phaseolina</i> <i>Fusarium</i> sp. <i>Rhizoctonia</i> sp.	Waupaca Waupaca Waupaca
FORAGE CROPS			
Alfalfa	Aphanomyces Root Rot Phytophthora Root Rot Rhizoctonia Root Rot	<i>Aphanomyces euteiches</i> <i>Phytophthora</i> sp. <i>Rhizoctonia</i> sp.	Wlinona (MN) Wlinona (MN) Wlinona (MN)
FRUIT CROPS			
Pear	Pear Scab	<i>Venturia pirina</i>	Vernon
Raspberry	Anthracnose Root/Crown Rot	<i>Sphaceloma necator</i> <i>Phytophthora</i> sp., <i>Rhizoctonia</i> sp.	Portage Jefferson
Strawberry	Root/Crown Rot	<i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.	Waupaca
HERBACEOUS ORNAMENTALS			
Grass (Unidentified)	Blast Rust	<i>Pyricularia</i> sp. <i>Puccinia</i> sp.	Trempealeau Trempealeau
Petunia	Phyllosticta Leaf Blight Root/Crown Rot	<i>Phyllosticta</i> sp. <i>Fusarium</i> sp.	Columbia Columbia

Wisconsin Disease Almanac

NEEDED WOODY ORNAMENTALS			
Arborvitae	<i>Phyllosticta</i> Needle Blight	<i>Phyllosticta</i> sp.	Milwaukee
Pine (Austrian)	<i>Diplodia</i> Shoot Blight And Canker	<i>Diplodia</i> sp.	Marathon
Spruce (Blue)	<i>Phomopsis</i> Canker	<i>Phomopsis</i> sp.	Dane
	<i>Rhizosphaera</i> Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Door
	<i>Stigmina</i> Needle Cast	<i>Stigmina</i> sp.	Door
Spruce (Unspecified)	<i>Phomopsis</i> Canker	<i>Phomopsis</i> sp.	Dane
	<i>Rhizosphaera</i> Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Dane
VEGETABLE CROPS			
Cucumber	Anthracnose	<i>Colletotrichum orbiculare</i>	Pierce
	<i>Phytophthora</i> Fruit Rot	<i>Phytophthora capsici</i>	Waushara
Eggplant	<i>Verticillium</i> Wilt	<i>Verticillium</i> sp.	Fillmore (MN)
Leek	Purple Blotch	<i>Alternaria porri</i>	Crawford
Onion	Purple Blotch	<i>Alternaria porri</i>	Crawford
Pepper	<i>Syringae</i> Leaf Spot	<i>Pseudomonas syringae</i>	La Crosse
Tomato	Powdery Mildew	<i>Oidium</i> sp.	Dane
	Early Blight	<i>Alternaria solani</i>	Columbia
	<i>Septoria</i> Leaf Spot	<i>Septoria lycopersici</i>	Oneida

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.