

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 18, 2015 through July 24, 2015.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAVED WOODY ORNAMENTALS			
Catalpa	Verticillium Wilt	Verticillium sp.	Adams
Cotoneaster	Root/Crown Rot	Pythium sp. , Fusarium sp.	Dane
Crabapple	Black Rot	Sphaeropsis sp.	Sawyer
	Root/Crown Rot	Pythium sp.	Sawyer
Hibiscus	Cucumber Mosaic	Cucumber mosaic virus	Dane
Hydrangea	Chlorosis	None	Waukesha
Magnolia	Growth Regulator Herbicide Injury	None	La Crosse
Maple (Unspecified)	Cytospora Canker	Cytospora sp.	Dane
Oak (Red)	Anthracnose	Discula sp.	Waukesha
	Chlorosis	None	Waukesha
	Oak Wilt	Ceratocystis fagacearum	Dane
Oak (White)	Anthracnose	Discula sp.	Dane
Oak (Unspecified)	Anthracnose	Discula sp.	Waukesha
	Oak Wilt	Ceratocystis fagacearum	Jefferson, Waukesha
	Tubakia Leaf Spot	Tubakia sp.	Washington
Sycamore	Anthracnose	Discula sp.	Dane
FRUIT CROPS			
Apple	Black Rot	Sphaeropsis sp.	Oneida
	Cedar Apple Rust	Gymnosporangium juniperi-virginianae	Iowa
	Fire Blight	Erwinia amylovora	Oneida
	Root/Crown Rot	Phytophthora sp. , Pythium sp.	Kenosha, Sawyer
Cranberry	Tobacco Streak	Tobacco streak virus	Monroe
Cherry	Cherry Leaf Spot	Blumeriella jaapii	Rock
Grape	Black Rot	Phyllosticta ampellicida	Dane, Polk
Honeyberry	Powdery Mildew	Microsphaera sp.	Dane
Pear	Root/Crown Rot	Phytophthora sp.	Dane
Strawberry	Angular Leaf Spot	Xanthomonas fragariae	Iowa
	Root/Crown Rot	Fusarium sp.	Iowa

Wisconsin Disease Almanac

FIELD CROPS			
Soybean	Potassium Deficiency	None	Sauk
HERBACEOUS ORNAMENTALS			
Daylily	Leaf Streak	<i>Aureobasidium microstictum</i>	Marathon
	Septoria Leaf Spot	<i>Septoria</i> sp.	Marathon
Hosta	Hosta Virus X	<i>Hosta virus X</i>	Milwaukee
Lupine	Root/Crown Rot	<i>Pythium</i> sp., <i>Fusarium oxysporum</i>	Rock
Peony	Chlorosis	None	Waukesha
Vinca	Phyllosticta Leaf Spot	<i>Phyllosticta</i> sp.	Dane
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
	Root/Crown Rot	<i>Rhizoctonia</i> sp.	Dane
NEEDED WOODY ORNAMENTALS			
Spruce (Blue)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Ozaukee
	Stigmima Needle Cast	<i>Stigmima</i> sp.	Ozaukee
VEGETABLES			
Onion	Downy Mildew	<i>Peronospora destructor</i>	Rock
	Purple Blotch	<i>Alternaria porri</i>	Rock
	Stemphylium Leaf Blight	<i>Stemphylium</i> sp.	Columbia, Rock
Potato	Early Blight	<i>Alternaria solani</i>	Portage
Snap Beans	Ashy Stem Blight	<i>Macrophomina phaseolina</i>	Waushara
	Root/Crown Rot	<i>Fusarium</i> spp.	Waushara
Soybean (Edible)	Root/Crown Rot	<i>Fusarium</i> sp.	Chippewa
	Target Spot	<i>Corynespora cassiicola</i>	Chippewa
Tomato	Cattacing	None	Iowa
	Cucumber Mosaic	<i>Cucumber mosaic virus</i>	Iowa, Grant, Winnebago
	Septoria Leaf Spot	<i>Septoria lycopersici</i>	Iowa, Portage
	Tobacco Mosaic	<i>Tobacco mosaic virus</i>	Iowa, Grant, St. Croix, Winnebago
	Tomato Spotted Wilt	<i>Tomato spotted wilt virus</i>	Grant, St. Croix
SOIL			
Alfalfa Soil	Aphanomyces Seedling Blight	<i>Aphanomyces euteiches</i> race 2	Houston (MN)
	Phytophthora Seeding Blight	<i>Phytophthora medicaginis</i>	Houston (MN)

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