

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 4, 2015 through July 10, 2015.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAVED WOODY ORNAMENTALS			
Ash (Blue)	Verticillium Wilt	<u>Verticillium</u> sp.	Milwaukee
Cotoneaster	Phomopsis Canker	<u>Phomopsis</u> sp.	Dane
	Root Rot	<u>Rhizoctonia</u> sp.	Dane
Elm (Unspecified)	Dutch Elm Disease	<u>Ophiostoma ulmi</u>	Rock
Honeylocust	Phomopsis Canker	<u>Phomopsis</u> sp.	Sauk
Lilac (Japanese Tree)	Sphaeropsis Canker	<u>Sphaeropsis</u> sp.	Milwaukee
Maple (Unspecified)	Cytospora Canker	<u>Cytospora</u> sp.	Dane
Oak (Red)	Anthracnose	<u>Discula</u> sp.	Lafayette
	Oak Wilt	<u>Ceratocystis fagacearum</u>	Marathon
Oak (Swamp White)	Anthracnose	<u>Discula</u> sp.	Washington
Oak (Unspecified)	Anthracnose	<u>Discula</u> sp.	Marathon
	Oak Wilt	<u>Ceratocystis fagacearum</u>	Rock
	Sphaeropsis Canker	<u>Sphaeropsis</u> sp.	Lafayette
	Tatters	None	Lafayette, Rock
Serviceberry	Sphaeropsis Canker	<u>Sphaeropsis</u> sp.	Dane
FIELD CROPS			
Barley	Net Blotch	<u>Drechslera teres</u>	Columbia
Corn	Eyespot	<u>Kabatiella zeae</u>	Iowa
Soybean	Root Rot	<u>Phytophthora</u> sp., <u>Pythium</u> sp., <u>Rhizoctonia</u> sp., <u>Fusarium</u> sp.	Buffalo, Sheboygan, Winnebago
FORAGE CROPS			
Alfalfa	Root Rot	<u>Rhizoctonia</u> sp., <u>Pythium</u> sp., <u>Fusarium</u> sp.	Chippewa
HERBACEOUS ORNAMENTALS			
Larkspur	Root Rot	<u>Rhizoctonia</u> sp., <u>Pythium</u> sp., <u>Fusarium</u> sp.	Kenosha

Wisconsin Disease Almanac

NEEDED WOODY ORNAMENTALS			
Arborvitae	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp.	Walworth
Fir (Balsam)	Cytospora Canker	<i>Cytospora</i> sp.	Shawano
	Rhizosphaera Needle Cast	<i>Rhizosphaera</i> sp.	Shawano
Juniper	Root Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Fusarium</i> sp.	La Crosse
Pine (Unspecified)	Diplodia Shoot Blight and Canker	<i>Diplodia pinea</i>	Grant
Spruce (Blue)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	La Crosse
	Stigmina Needle Cast	<i>Stigmina</i> sp.	La Crosse
Spruce (Green)	Cytospora Canker	<i>Leucocytospora kunzei</i>	Waukesha
Spruce (Norway)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Crawford
SPECIALTY CROPS			
Hops	Root/Crown Rot	<i>Fusarium</i> sp., <i>Pythium</i> sp.	Dane
VEGETABLES			
Cabbage	Black Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Fillmore (MN)
Cucurbit (Unspecified)	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Vernon
Kale	Black Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Fillmore (MN)
Pepper	Syringae Leaf Spot	<i>Pseudomonas syringae</i>	Rock
Squash (Butternut)	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Dane
Tomato	Bacterial Canker	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Outagamie
	Bacterial Speck	<i>Pseudomonas syringae</i> pv. <i>tomato</i>	Rock, Waukesha
	Bacterial Spot	<i>Xanthomonas</i> sp.	Waukesha
	Root Rot	<i>Rhizoctonia</i> sp., <i>Pythium</i> sp., <i>Fusarium</i> sp.	Outagamie
	Septoria Leaf Spot	<i>Septoria lycopersici</i>	Dane
WEEDS			
Shepherd's-Purse	Downy Mildew	<i>Hyaloperonospora parasitica</i>	Marinette
	White Rust	<i>Albugo candida</i>	Marinette

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