

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 15, 2017 through July 21, 2017.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Boxwood	<i>Fusarium</i> Canker <i>Macrophoma</i> Leaf Blight <i>Volutella</i> Blight/Canker	<u><i>Fusarium</i> sp.</u> <u><i>Macrophoma</i> sp.</u> <u><i>Volutella</i> sp.</u>	Waukesha Waukesha Waukesha
Crabapple	Apple Scab	<u><i>Venturia inaequalis</i></u>	Dane, Door
Leatherwood (Eastern)	Rust	<u><i>Aecidium hydnoideum</i></u>	Dane
Maple (Silver)	Purple-Bordered Leaf Spot Anthracnose	<u><i>Phyllosticta minima</i></u> <u><i>Discula</i> sp.</u>	Sauk Dane
Maple (Unspecified)	<i>Steganosporium</i> Canker	<u><i>Steganosporium</i> sp.</u>	Dane
Oak (Unspecified)	Tubakia Leaf Spot	<u><i>Tubakia</i> sp.</u>	Waukesha
Pear (Ornamental)	Anthracnose <i>Coniothyrium</i> Leaf Spot <i>Sphaeropsis</i> Canker	<u><i>Gloeosporium</i> sp.</u> <u><i>Coniothyrium</i> sp.</u> <u><i>Sphaeropsis</i> sp.</u>	Dane Dane Dane
Poplar	<i>Marssonina</i> Leaf Spot	<u><i>Marssonina</i> sp.</u>	Dane
Weigela	Root/Crown Rot	<u><i>Pythium</i> sp.</u> , <u><i>Rhizoctonia</i> sp.</u>	Dane
Willow (Unspecified)	<i>Botryosphaeria</i> Canker <i>Diplodina</i> Canker <i>Gloeosporium</i> Canker <i>Macrophoma</i> Canker	<u><i>Botryosphaeria</i> sp.</u> <u><i>Diplodina</i> sp.</u> <u><i>Gloeosporium</i> sp.</u> <u><i>Macrophoma</i> sp.</u>	Portage Portage Portage Portage
FIELD CROPS			
Corn	Northern Corn Leaf Blight	<u><i>Exserohilum turcicum</i></u>	Lafayette
Soybean	<i>Cercospora</i> Leaf Blight	<u><i>Cercospora kukuchii</i></u>	Lafayette

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PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
FRUIT CROPS			
Apple	Apple Scab	<u><i>Venturia inaequalis</i></u>	Walworth
	Black Rot	<u><i>Botryosphaeria</i> sp.</u>	Eau Claire, Walworth
	Diplodia Canker	<u><i>Diplodia</i> sp.</u>	Winona (MN)
	Phomopsis Canker	<u><i>Phomopsis</i> sp.</u>	Eau Claire, Trempealeau, Winona (MN)
	Root/Crown Rot	<u><i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Fusarium</i> sp., <i>Cylindrocarpon</i> sp.</u>	Calumet, Eau Claire, Trempealeau
Wood Rot	Unidentified basidiomycete	Winona (MN)	
Cherry	Verticillium Wilt	<u><i>Verticillium</i> sp.</u>	Pepin
Strawberry	Root/Crown Rot	<u><i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Rhizoctonia</i> sp.</u>	Brown, La Crosse
	Fruit Rot	Miscellaneous yeasts	Brown
HERBACEOUS ORNAMENTALS			
Rosinweed	Rust	<u><i>Puccinia silphii</i></u>	Dane
Wild Petunia	Tomato Spotted Wilt	<u><i>Tomato spotted wilt virus</i></u>	Marquette
NEEDED WOODY ORNAMENTALS			
Fir (White)	Diplodia Shoot Blight And Canker	<u><i>Diplodia</i> sp.</u>	Dane
Juniper	Cytospora Canker	<u><i>Cytospora</i> sp.</u>	Dane
	Diplodia Canker	<u><i>Diplodia</i> sp.</u>	Dane
Pine (Scots)	Diplodia Shoot Blight And Canker	<u><i>Diplodia</i> sp.</u>	Green
Spruce (Blue)	Spruce Needle Drop	<u><i>Setomelanomma holmii</i></u>	Waukesha
VEGETABLE CROPS			
Potato	Black Leg	<u><i>Dickeya dianthicola</i></u>	Portage, Washara, Kankaukee (IL)
Spinach	Root/Crown Rot	<u><i>Pythium</i> sp.</u>	Dane
Squash	Angular Leaf Spot	<u><i>Pseudomonas syringae</i> pv. <i>lachrymans</i></u>	Washburn

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VEGETABLE CROPS (Continued)			
Tomato	<i>Early Blight</i> <i>Septoria Leaf Spot</i> Tomato Spotted Wilt	<i>Alternaria solani</i> <i>Septoria lycopersici</i> <u>Tomato spotted wilt virus</u>	Vernon Taylor Columbia

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.