

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	Fusarium Canker Macrophoma Leaf Blight Volutella Blight/Canker	<u>Fusarium</u> sp. <u>Macrophoma</u> sp. <u>Volutella</u> sp.	Waukesha Waukesha Waukesha
Crabapple	Apple Scab	<u>Venturia inaequalis</u>	Dane, Door
Leatherwood (Eastern)	Rust	<u>Aecidium hydnoideum</u>	Dane
Maple (Silver)	Purple-Bordered Leaf Spot Anthracnose	<u>Phyllosticta minima</u> <u>Discula</u> sp.	Sauk Dane
Maple (Unspecified)	Steganosporium Canker	<u>Steganosporium</u> sp.	Dane
Oak (Unspecified)	Tubakia Leaf Spot	<u>Tubakia</u> sp.	Waukesha
Pear (Ornamental)	Anthracnose Coniothyrium Leaf Spot Sphaeropsis Canker	<u>Gloeosporium</u> sp. <u>Coniothyrium</u> sp. <u>Sphaeropsis</u> sp.	Dane Dane Dane
Poplar	Marssonina Leaf Spot	<u>Marssonina</u> sp.	Dane
Weigela	Root/Crown Rot	<u>Pythium</u> sp., <u>Rhizoctonia</u> sp.	Dane
Willow (Unspecified)	Botryosphaeria Canker Diplodina Canker Gloeosporium Canker Macrophoma Canker	<u>Botryosphaeria</u> sp. <u>Diplodina</u> sp. <u>Gloeosporium</u> sp. <u>Macrophoma</u> sp.	Portage Portage Portage Portage

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