

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 28, 2018 through August 3, 2018.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
Catalpa	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Waukesha
Maple (Japanese)	Cytospora Canker	<i>Cytospora</i> sp.	Dane
Oak (Bur)	<i>Tubakia</i> Leaf Spot	<i>Tubakia dryina</i>	Walworth
FRUIT CROPS			
Apple ('Gala')	Cytospora Canker	<i>Cytospora</i> sp.	Jefferson
	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp.	Jefferson
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Jefferson
Apple ('September Wonder Fuji')	Blister Spot	<i>Pseudomonas syringae</i> pv. <i>papulans</i>	Dane
Apple ('Sweetango')	Blister Spot	<i>Pseudomonas syringae</i> pv. <i>papulans</i>	Dane
Raspberry	Root/Crown Rot	<i>Phytophthora</i> sp.	Bayfield
	Verticillium Wilt	<i>Verticillium</i> sp.	Bayfield
HERBACEOUS ORNAMENTALS			
Dahlia	Tuber Rot	<i>Fusarium</i> sp.	Bayfield
NEEDED WOODY ORNAMENTALS			
Fir (Unspecified)	<i>Rhizosphaera</i> Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Columbia
Pine (Scots)	<i>Diplodia</i> Shoot Blight and Canker	<i>Diplodia</i> sp.	Milwaukee
Pine (Unspecified)	<i>Diplodia</i> Shoot Blight and Canker	<i>Diplodia</i> sp.	Waukesha
Spruce (Unspecified)	<i>Rhizosphaera</i> Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Sheboygan

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NEEDED WOODY ORNAMENTALS (Continued)			
Spruce (Norway)	<i>Rhizosphaera Needle Cast</i>	<i>Rhizosphaera kalkhoffii</i>	Milwaukee
VEGETABLE CROPS			
Broccoli	<i>Black Rot</i>	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Milwaukee
Cucumber	<i>Xanthomonas Leaf Spot</i>	<i>Xanthomonas</i> sp.	Waushara
Onion	<i>Fusarium Basal Rot</i>	<i>Fusarium</i> sp.	Brown
Pepper	<i>Bacterial Leaf Spot</i>	<i>Xanthomonas</i> sp.	Polk
Potato ('Weba')	<i>Unspecified Potyvirus Disease</i>	<i>Unspecified potyvirus</i>	Dane
	<i>Purple Top</i>	<i>Aster yellows phytoplasma</i>	Dane
Potato ('Yellow Finn')	<i>Unspecified Potyvirus Disease</i>	<i>Unspecified potyvirus</i>	Dane
Tomato	<i>Herbicide Damage</i> <i>Septoria Leaf Spot</i> <i>Stem Rot</i>	None <i>Septoria lycopersici</i> <i>Pythium</i> sp., <i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.	Sauk Jefferson Taylor

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.