

UW-Madison/Extension Plant Disease Diagnostic Clinic (PDDC) Update

Brian Hudelson, Sue Lueloff, John Lake and Ann Joy

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 29, 2017 through August 4, 2017.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Verticillium Wilt	<u>Verticillium</u> sp.	Waukesha
Maple (Japanese)	Verticillium Wilt	<u>Verticillium</u> sp.	Dane
Oak (Northern Red)	Sphaeropsis Canker	<u>Sphaeropsis</u> sp.	Marinette
Oak (White)	Oak Wilt	<u>Ceratocystis fagacearum</u>	Dane
Oak (Unspecified)	Oak Wilt	<u>Ceratocystis fagacearum</u>	Fond du Lac
	Tubakia Leaf Spot	<u>Tubakia</u> sp.	Winnebago
Pear (Ornamental)	Fire Blight	<u>Erwinia amylovora</u>	Washington
FIELD CROPS			
Corn	Northern Corn Leaf Blight	<u>Exserohilum turcicum</u>	Adams
FRUIT CROPS			
Apple	Anthracnose	<u>Gloeosporium</u> sp.	Bayfield
Blueberry	Gloeosporium Leaf Spot and Stem Canker	<u>Gloeosporium</u> sp.	Bayfield, Oneida
Cherry	Anthracnose	<u>Gloeosporium</u> sp.	Sauk
	Bacterial Canker	<u>Pseudomonas syringae</u>	Dane
	Brown Rot	<u>Monilinia</u> sp.	Dane
	Cherry Leaf Spot	<u>Blumeriella jaapii</u>	Dane
Cranberry	Phyllosticta Leaf Spot	<u>Phyllosticta elongata</u>	Vilas
	Upright Dieback	<u>Phomopsis</u> sp.	Vilas
Grape	Herbicide Damage	None	Columbia
HERBACEOUS ORNAMENTALS			
Sunflower	Rust	<u>Coleosporium helianthi</u>	Sauk
	Septoria Leaf Spot	<u>Septoria</u> sp.	Sauk

Wisconsin Disease Almanac

NEEDED WOODY ORNAMENTALS			
Arborvitae	<i>Phyllosticta</i> Needle Blight	<i>Phyllosticta</i> sp.	Dane
Juniper	<i>Kabatina</i> Tip Blight	<i>Kabatina juniperi</i>	Milwaukee
Pine (White)	<i>Diplodia</i> Shoot Blight and Canker	<i>Diplodia</i> sp.	Grant
	<i>Phomopsis</i> Tip Blight	<i>Phomopsis</i> sp.	Grant
Spruce (Black Hills)	<i>Diplodia</i> Shoot Blight and Canker	<i>Diplodia</i> sp.	Polk
VEGETABLE CROPS			
Cucumber	Anthracoze	<i>Colletotrichum orbiculare</i>	Sauk
Onion	Purple Blotch	<i>Alternaria porri</i>	Sauk
	<i>Stemphylium</i> Leaf Blight	<i>Stemphylium</i> sp.	Sauk
Pumpkin	<i>Bacterial Wilt</i>	<i>Erwinia tracheiphila</i>	Milwaukee
Squash (Summer)	<i>Bacterial Wilt</i>	<i>Erwinia tracheiphila</i>	Milwaukee
Tomato	<i>Bacterial Canker</i>	<i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>	Douglas
	<i>Bacterial Speck</i>	<i>Pseudomonas syringae</i> pv. <i>tomato</i>	Sauk
	<i>Septoria</i> Leaf Spot	<i>Septoria lycopersici</i>	La Crosse, Milwaukee

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.