



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

Brian Hudelson, Sean Toporek, Jake Kurczewski 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 September 3, 2016 through September 23, 2016.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Anthracnose	<i>Discula</i> sp.	Dane
Elm (Unspecified)	<i>Sphaeropsis</i> Canker	<i>Sphaeropsis</i> sp.	Waukesha
Maple (Japanese)	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Maple (Norway)	Tar Spot	<i>Rhytisma acerinum</i>	St. Croix
Ninebark	Powdery Mildew	<i>Oidium</i> sp.	Jefferson
Oak (Red)	Chlorosis	None	Fond du Lac
	Tubakia Leaf Spot	<i>Tubakia</i> sp.	Sawyer
Oak (White)	Chlorosis	None	Fond du Lac
Pear (Bradford)	<i>Sphaeropsis</i> Canker	<i>Sphaeropsis</i> sp.	Dane
Pussy Willow	Herbicide Damage	None	Dane
FIELD CROPS			
Corn	<i>Anthracnose</i> Leaf Blight	<i>Colletotrichum graminicola</i>	Portage
	<i>Anthracnose</i> Stalk Rot	<i>Colletotrichum graminicola</i>	Kenosha
	Common Rust	<i>Puccinia sorghi</i>	Dodge, Grant
	Eyespot	<i>Kabatiella zeae</i>	Grant, Portage
	<i>Giberella</i> Stalk Rot	<i>Fusarium graminearum</i>	Kenosha
	Goss' Wilt	<i>Clavibacter michiganensis</i> subsp. <i>nebraskensis</i>	Buffalo, Sawyer
	Northern Corn Leaf Blight	<i>Exserohilum turcicum</i>	Dodge, Portage, Shawano
	Northern Corn Leaf Spot	<i>Bipolaris zeicola</i>	Portage
	Southern Rust	<i>Puccinia polysora</i>	Grant
Tar Spot	<i>Phyllachora maydis</i>	Iowa	
Sunflower	<i>Alternaria</i> Head Rot	<i>Alternaria</i> spp.	Marathon
	<i>Alternaria</i> Leaf Blight	<i>Alternaria</i> spp.	Marathon
	<i>Botrytis</i> Head Rot	<i>Botrytis cinerea</i>	Marathon

Wisconsin Disease Almanac



FRUIT CROPS			
Apple	Bitter Rot	<i>Colletotrichum gloeosporioides</i>	Fond du Lac
	Elsinoe Fruit Spot	<i>Sphaceloma pirinum</i>	Lafayette
Grape	Phomopsis Fruit Rot	<i>Phomopsis viticola</i>	Marinette
Strawberry	Root/Crown Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Fusarium</i> sp.	Dane
HERBACEOUS ORNAMENTALS			
Bleeding Heart	Root/Crown Rot	<i>Fusarium oxysporum</i>	Portage
Echinacea	Cucumber Mosaic	<i>Cucumber mosaic virus</i>	Columbia
	Tobacco Mosaic	<i>Tobacco mosaic virus</i>	Columbia
Peony	Powdery Mildew	<i>Oidium</i> sp.	Dane
Zinnia	Bacterial Leaf Spot	<i>Xanthomonas</i> sp.	Dane
NEEDED WOODY ORNAMENTALS			
Fir (Caanan)	<i>Rhizosphaera</i> Needle Cast	<i>Rhizosphaera</i> sp.	Dane
Yew	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
VEGETABLE CROPS			
Basil	Downy Mildew	<i>Peronospora belbahrii</i>	Jefferson, Outagamie
Cabbage	Alternaria Leaf Spot	<i>Alternaria</i> sp.	Portage
	Black Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Rock
Cauliflower	Verticillium Wilt	<i>Verticillium</i> sp.	Rock
Potato	Black Leg	<i>Dickeya</i> sp.	Portage
Rutabaga	Black Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Rock
Pumpkin	Phytophthora Fruit Rot	<i>Phytophthora capsici</i>	Portage
Squash (Butternut)	Alternaria Leaf Blight	<i>Alternaria</i> sp.	Portage
	Powdery Mildew	<i>Oidium</i> sp.	Portage
Tomato	Septoria Leaf Spot	<i>Septoria lycopersici</i>	Dane
SPECIALTY CROPS			
Hop	Alternaria Cone Disorder	<i>Alternaria</i> sp.	Sauk
	Carlavirus	Unidentified carlavirus	Sauk
	Cone Tip Blight	<i>Fusarium</i> sp.	Sauk
	Downy Mildew	<i>Pseudoperonospora humuli</i>	Sauk

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