

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 August 20, 2016 through August 26, 2016.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Verticillium Wilt	Verticillium sp.	Winnebago
Birch	Chlorosis	None	Rock
Burning Bush	Herbicide Damage	None	Dane
Clematis	Herbicide Damage	None	Dane
Honeysuckle	Anthracnose	Colletotrichum sp.	Jackson
	Fusarium Canker	Fusarium lateritium	Jackson
	Phomopsis Canker	Phomopsis sp.	Jackson
Lilac (Japanese Tree)	Verticillium Wilt	Verticillium sp.	Dane
Magnolia	Powdery Mildew	Oidium sp.	Dane
Maple (Norway)	Tar Spot	Rhytisma acerinum	Dane
Oak (Bur)	Phomopsis Canker	Phomopsis sp.	Dane
	Sphaeropsis Canker	Sphaeropsis sp.	Dane
Oak (Red)	Oak Wilt	Ceratocystis fagacearum	Dane
Oak (White)	Anthracnose	Discula sp.	Richland
	Tubakia Leaf Spot	Tubakia sp.	Richland
Oak (Unspecified)	Oak Wilt	Ceratocystis fagacearum	Dane
Serviceberry	Root/Crown Rot	Pythium sp. , Fusarium oxysporum	Jefferson
Sumac	Fusarium Wilt	Fusarium sp.	Waukesha
Willow	Herbicide Damage	None	Dane
FIELD CROPS			
Corn	Common Rust	Puccinia sorghi	Dodge
	Southern Rust	Puccinia polysora	Rock
Soybean	Bacterial Blight	Pseudomonas syringae pv. glycinea	Trempealeau
	Brown Spot	Septoria glycines	Trempealeau
	Sclerotinia Stem Rot	Sclerotinia sclerotiorum	Trempealeau
	Soybean Cyst Nematode	Heterodera glycines	Trempealeau
	Stem and Pod Blight	Diaporthe phaseolorum	Trempealeau
	Stem Canker	Diaporthe phaseolorum	Trempealeau
	Sudden Death Syndrome	Fusarium virguliforme	Pierce

Wisconsin Disease Almanac



FORAGE CROPS			
Alfalfa	Crown/Root Rot	<u><i>Pythium</i> sp.</u> , <u><i>Fusarium oxysporum</i></u>	Washington
	Spring Black Stem and Leaf Spot	<u><i>Phoma medicaginis</i></u>	Columbia
	Stemphylium Leaf Spot	<u><i>Stemphylium</i> sp.</u>	Columbia
	Summer Black Stem and Leaf Spot	<u><i>Cercospora</i> sp.</u>	Columbia
FRUIT CROPS			
Apple ('Honeycrisp')	Honeycrisp Leaf Chlorosis	None	Jo Daviess (IL)
Apple (Unspecified)	Bitter Rot	<u><i>Colletotrichum gloeosporioides</i></u>	Dane
Pear	Fire Blight	<u><i>Erwinia amylovora</i></u>	Waukesha
HERBACEOUS ORNAMENTALS			
Brunnera	Root Rot	<u><i>Pythium</i> sp.</u>	Jefferson
Elderberry	<i>Cercospora</i> Leaf Spot	<u><i>Cercospora</i> sp.</u>	Winnebago
NEEDED WOODY ORNAMENTALS			
Fir (Unspecified)	Phyllosticta Needle Blight	<u><i>Phyllosticta</i> sp.</u>	Walworth
	Root/Crown Rot	<u><i>Pythium</i> sp.</u> , <u><i>Fusarium oxysporum</i></u>	Walworth
Spruce (Blue)	<i>Rhizosphaera</i> Needle Cast	<u><i>Rhizosphaera kalkhoffii</i></u>	Dane
	Spruce Needle Drop	<u><i>Setomelanomma holmii</i></u>	Door
VEGETABLE CROPS			
Pepper	Herbicide Damage	None	Jackson
Tomato	Bacterial Canker	<u><i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i></u>	Wood
	Cucumber Mosaic	<u><i>Cucumber mosaic virus</i></u>	Portage
	Late Blight	<u><i>Phytophthora infestans</i></u>	Polk
	Tobacco Mosaic	<u><i>Tobacco mosaic virus</i></u>	Portage
SPECIALTY CROPS			
Hop	<i>Alternaria</i> Cone Disorder	<u><i>Alternaria</i> sp.</u>	Dane
	Cone Tip Blight	<u><i>Fusarium</i> sp.</u>	Dane

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