

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

Brian Hudelson, Ann Joy, Joyce Wu, Tom Hinsenkamp and Catherine Wendt

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 9, 2014 through August 15, 2014.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD-LEAVED WOODY ORNAMENTALS			
Lilac	Lilac Witches'-Broom	Ash yellows phytoplasma	Dane
Maple (Red)	Root Rot	<i>Pythium</i> sp., <i>Rhizoctonia solani</i>	Dane
Maple (Unspecified)	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Magnolia	Herbicide Damage	None	Green Lake
Oak (Black)	Oak Wilt	<i>Ceratocystis fagacearum</i>	Green
Oak (Bur)	Oak Wilt	<i>Ceratocystis fagacearum</i>	Dane
Oak (Red)	Oak Wilt	<i>Ceratocystis fagacearum</i>	Dane
Oak (Unspecified)	Brown Rot	<i>Laetiporus</i> sp.	Dane
	Herbicide Damage	None	Wood
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Racine
Viburnum	Herbicide Damage	None	Green Lake
FIELD CROPS			
Corn	Northern Corn Leaf Blight	<i>Exserohilum turcicum</i>	Sauk
Soybean	Charcoal Rot	<i>Macrophomina phaseolina</i>	Adams
	Soybean Cyst	<i>Heterodera glycines</i>	Adams
FRUIT CROPS			
Apple	Frogeye Leaf Spot	<i>Botryosphaeria obtusa</i>	Columbia, La Crosse
	Phomopsis Canker	<i>Phomopsis</i> sp.	Columbia
	Winter Injury	None	Buffalo, Columbia
Cranberry	Bitter Rot	<i>Colletotrichum acutatum</i>	Wood
	Early Rot	<i>Phyllosticta vaccinii</i>	Wood
HERBACEOUS ORNAMENTALS			
Impatiens	Downy Mildew	<i>Plasmopara obducens</i>	Washington
Zinnia	White Mold	<i>Sclerotinia sclerotiorum</i>	Green Lake
NEEDED WOODY ORNAMENTALS			
Spruce (Unspecified)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Kenosha

Wisconsin Disease Almanac



VEGETABLES			
Basil	<i>Downy Mildew</i>	<i>Peronospora belbahrii</i>	Kenosha
Melon	<i>Cercospora Leaf Spot</i>	<i>Cercospora</i> sp.	Green
Onion	<i>Downy Mildew</i>	<i>Peronospora destructor</i>	Jefferson
	<i>Stemphylium Leaf Blight</i>	<i>Stemphylium</i> sp.	Jefferson
Potato	<i>Late Blight</i>	<i>Phytophthora infestans</i>	Portage
Pumpkin	<i>Phytophthora Root and Crown Rot</i>	<i>Phytophthora</i> sp.	Rock
Squash	<i>Angular Leaf Spot</i>	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Sauk
Tomato	<i>Bacterial Canker</i>	<i>Clavibacter michiganensis</i> ps. <i>michiganensis</i>	Wood
	<i>Late Blight</i>	<i>Phytophthora infestans</i>	Racine
	<i>Yellow Top</i>	None	Dodge
SOIL			
Soybean Soil	<i>Soybean Cyst</i>	<i>Heterodera glycines</i>	Fond du Lac, Iowa, Juneau

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