

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

Brian Hudelson, Ann Joy, Amy Gibbs, and Brooke Weber, Plant Disease Diagnostics Clinic

The PDDC receives samples of many plant samples from around the state. The following diseases/disorders have been identified at the PDDC since June 25, 2008:

PLANT	DISEASE/DISORDER	PATHOGEN	COUNTY
EVERGREENS			
Arborvitae	Root Rot	<i>Pythium</i> sp.	Milwaukee
Fir (including Balsam, Concolor, Fraser)	Root Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Fusarium</i> sp; <i>Cylindrocarpon</i> sp.	Lincoln, Richland, Walworth
Juniper	Phomopsis Tip Blight	<i>Phomopsis</i> sp.	Milwaukee
Pine (including White)	Diplodia Canker	<i>Diplodia</i> sp.	Milwaukee
	Root Rot	<i>Pythium</i> sp.	Milwaukee
Spruce (including Black Hills, Blue)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	St. Croix, Waukesha
	Root Rot	<i>Cylindrocarpon</i> sp.	Dane
Yew	Root Rot	<i>Pythium</i> sp.	Walworth
WOODY ORNAMENTALS			
Amelanchier	Entomosporium Leaf Spot	<i>Entomosporium</i> sp.	Jefferson
	Root Rot	<i>Pythium</i> sp.	Milwaukee
Ash (including Green)	Anthracnose	<i>Gloeosporium</i> sp.	Jefferson
	Tatters		Jefferson
Box-Elder	Anthracnose	<i>Gloeosporium</i> sp.	Waukesha
	Sap Streak (Suspected)	<i>Ceratocystis</i> sp.	Waukesha
Cherry	Cherry Leaf Spot	<i>Cylindrosporium padi</i>	Jefferson
Elm (Cork)	Dutch Elm Disease	<i>Ophiostoma ulmi</i>	Chippewa
Euonymus	Anthracnose	<i>Gloeosporium</i> sp.	Rock
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Rock
Honeylocust	Cytospora Canker	<i>Cytospora</i> sp.	La Crosse
Honeysuckle	Septoria Leaf Spot	<i>Septoria</i> sp.	Fond du Lac
Lilac (including Japanese Tree)	Phomopsis Canker	<i>Phomopsis</i> sp.	Ozaukee
	Root Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Rhizoctonia solani</i> , <i>Fusarium</i> sp.	Brown
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Ozaukee
	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Linden	Cytospora Canker	<i>Cytospora</i> sp.	La Crosse
	Growth Regulator Herbicide Injury	None (Chemical).	Dane
Magnolia (including Yellow)	Growth Regulator Herbicide Injury	None (Chemical)	Milwaukee
	Root Rot	<i>Pythium</i> sp.	Walworth
	Verticillium Wilt	<i>Verticillium</i> sp.	Dane

Maple (including Korean, Norway, Silver)	Anthracnose	<i>Gloeosporium</i> sp.	Crawford; Jackson, Jefferson
	Anthracnose	<i>Colletotrichum</i> sp.	Dane
	Coniothyrium Leaf Spot	<i>Coniothyrium</i> sp.	Dane
	Cytospora Canker	<i>Cytospora</i> sp.	Dane, DuPage (IL)
	Discosia Leaf Spot	<i>Discosia</i> sp.	Dane
	Root Rot	<i>Phytophthora</i> sp., <i>Pythium</i> sp.	Jefferson
	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Crawford
	Verticillium Wilt	<i>Verticillium</i> sp.	Dane
Oak (including Bur, Red)	Anthracnose	<i>Gloeosporium</i> sp.	Sheboygan
	Oak Wilt	<i>Ceratocystis fagacearum</i>	Marathon; Waukesha
	Tatters	None (Environmental)	Dane
Plum (including Purple Leaf)	Wood Rot	<i>Tramete</i> sp.	La Crosse
Poplar	Venturia Leaf and Shoot Blight	<i>Venturia</i> sp.	Walworth
Rose (including Rugosa)	Chemical Burn	None (Environmental)	Milwaukee
Spirea	Cylindrosporium Leaf Spot	<i>Cylindrosporium</i> sp.	Jefferson

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