

**UW-Extension/Madison Plant Disease Diagnostic Clinic (PDDC) Update**  
 Brian Hudelson, Ann Joy, Amanda Zimmerman, Adam Greene, Andrew Pape,  
 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 from June 8 through June 15, 2012:

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD-LEAFED WOODY ORNAMENTALS</b>			
Ash	<a href="#">Growth Regulator Herbicide Injury</a>	None	Outagamie
Birch (River)	<a href="#">Chlorosis</a>	None (Iron Deficiency)	Dane
	Mouse-Ear	None (Nickel Deficiency)	Dane
Chokecherry	Cherry Leaf Spot	<i>Phloeosporrella padi</i>	Barron
Clematis	Phyllosticta Leaf Blight	<i>Phyllosticta</i> sp.	Lake (IL)
Dogwood (Pagoda)	Septoria Leaf Spot	<i>Septoria</i> sp.	Washington
Hawthorn	<a href="#">Cedar-Quince Rust</a>	<i>Gymnosporangium clavipes</i>	Milwaukee
Heptacodium	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
Honeylocust	Honeylocust Knot	Unknown	Waukesha
Lilac (Japanese Tree)	Phyllosticta Leaf Blight	<i>Phyllosticta</i> sp.	Ozaukee
Linden (Little-Leaf)	<a href="#">Anthracnose</a>	<i>Discula</i> sp.	Waukesha
Oak	<a href="#">Growth Regulator Herbicide Injury</a>	None	Outagamie, Waukesha
Pachysandra	<a href="#">Volutella Blight</a>	<i>Volutella pachysandricola</i>	Dane
<b>NEEDED WOODY ORNAMENTALS</b>			
Hemlock	<a href="#">Root Rot</a>	<i>Pythium</i> sp.	Dane
Juniper	Diplodia Canker	<i>Diplodia</i> sp.	Houston (MN)
	<a href="#">Root Rot</a>	<i>Cylindrocarpon</i> sp., <i>Fusarium</i> sp.	Houston (MN)
	Winter Injury	None	Houston (MN)
Spruce (Black Hills)	<a href="#">Rhizosphaera Needle Cast</a>	<i>Rhizosphaera kalkhoffii</i>	Ozaukee
Spruce (Blue)	<a href="#">Rhizosphaera Needle Cast</a>	<i>Rhizosphaera kalkhoffii</i>	Ozaukee, Kane (IL)
Spruce (Unidentified)	Diplodia Canker	<i>Diplodia</i> sp.	Walworth
	Phomopsis Canker	<i>Phomopsis</i> sp.	Walworth
	<a href="#">Rhizosphaera Needle Cast</a>	<i>Rhizosphaera kalkhoffii</i>	Walworth

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu).

The PDDC receives samples of many plant samples from around the state. The following diseases/disorders have been identified at the PDDC from June 16 through June 21, 2012:

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD-LEAFED WOODY ORNAMENTALS</b>			
Basswood	<a href="#">Root Rot</a>	<i>Fusarium</i> sp., <i>Cylindrocarpon</i> sp.	Racine
Birch (White)	<a href="#">Root Rot</a>	<i>Phytophthora</i> sp.	La Crosse
Elm	<a href="#">Dutch Elm Disease</a>	<i>Ophiostoma ulmi</i>	Fond du Lac
Honeylocust	Cytospora Canker	<i>Cytospora</i> sp.	Dane
	Honeylocust Knot	Unknown	Brown, Dane

Maple (Japanese)	Phomopsis Canker <a href="#">Verticillium Wilt</a>	<i>Phomopsis</i> sp. <i>Verticillium</i> sp.	Dane Dane
Pachysandra	<a href="#">Volutella Blight</a>	<i>Volutella pachysandricola</i>	Waukesha
Rose	<a href="#">Black Spot</a>	<i>Marssonina rosae</i>	Dane
<b>NEEDED WOODY ORNAMENTALS</b>			
Spruce (Blue)	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
Spruce (Unidentified)	<a href="#">Rhizosphaera Needle Cast</a>	<i>Rhizosphaera kalkhoffii</i>	Burnett

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu).

The PDDC receives samples of many plant samples from around the state. The following diseases/disorders have been identified at the PDDC from June 22 through June 29, 2012:

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD-LEAFED WOODY ORNAMENTALS</b>			
Ash (Unidentified)	<a href="#">Verticillium Wilt</a>	<i>Verticillium</i> sp.	Waukesha
Crabapple	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	La Crosse
Hickory	<a href="#">Anthracnose</a>	<i>Gloeosporium</i> sp.	Dane
	<a href="#">Powdery Mildew</a>	<i>Oidium</i> sp.	Dane
Honeysuckle	Marssonina Leaf Spot	<i>Marssonina</i> sp.	Outagamie
Lilac	<a href="#">Anthracnose</a>	<i>Gloeosporium</i> sp.	La Crosse
Maple (Norway)	<a href="#">Powdery Mildew</a>	<i>Oidium</i> sp.	Waukesha
Oak (White)	<a href="#">Chlorosis</a>	None	Dane
	<a href="#">Tatters</a>	None	Dane
	<a href="#">Tubakia Leaf Spot</a>	<i>Tubakia</i> sp.	Dane
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	<a href="#">Growth Regulator Herbicide Injury</a>	None	Dane
Fir (Balsam)	Cytospora Canker <a href="#">Rhizosphaera Needle Cast</a>	<i>Cytospora</i> sp. <i>Rhizosphaera kalkhoffii</i>	Chippewa Chippewa
Spruce (Norway)	<a href="#">Growth Regulator Herbicide Injury</a>	None	Columbia
Spruce (White)	<a href="#">Root Rot</a>	<i>Pythium</i> sp.	Trempealeau
Spruce (Unidentified)	<a href="#">Rhizosphaera Needle Cast</a>	<i>Rhizosphaera kalkhoffii</i>	Dane, Washington

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu).

The PDDC receives samples of many plant samples from around the state. The following diseases/disorders have been identified at the PDDC from June 29 through July 5, 2012:

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD-LEAFED WOODY ORNAMENTALS</b>			
Boxwood	Volutella Blight	<i>Volutella</i> sp.	Milwaukee
Lilac (Japanese Tree)	<a href="#">Verticillium Wilt</a>	<i>Verticillium</i> sp.	Fond du Lac
Maple (Red)	<a href="#">Anthracnose</a>	<i>Gloeosporium</i> sp.	Outagamie
	<a href="#">Chlorosis</a>	None	Outagamie
Oak (Unidentified)	<a href="#">Anthracnose</a>	<i>Discula</i> sp.	Rock

	<a href="#">Chlorosis</a>	None	Rock
Rose	Rose Rosette	Rose Rosette Pathogen	Racine
<b>NEEDED WOODY ORNAMENTALS</b>			
Russian Cypress	<a href="#">Root Rot</a>	<i>Phytophthora</i> sp., <i>Pythium</i> sp.	La Crosse

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu).

The PDDC receives samples of many plant samples from around the state. The following diseases/disorders have been identified at the PDDC from July 6 through July 12, 2012:

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD-LEAFED WOODY ORNAMENTALS</b>			
Crabapple	<a href="#">Apple Scab</a>	<i>Venturia inaequalis</i>	Dane
Oak (Bur)	<a href="#">Anthracnose</a>	<i>Discula</i> sp.	Dane
Oak (White)	<a href="#">Anthracnose</a>	<i>Discula</i> sp.	Dane
	<a href="#">Chlorosis</a>	None	Dane
	<a href="#">Tubakia Leaf Spot</a>	<i>Tubakia</i> sp.	Dane
<b>NEEDED WOODY ORNAMENTALS</b>			
Spruce (White)	Cold Injury	None	Ozaukee

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu).