

## 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 September 24, 2016 through September 30, 2016.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD-LEAFED WOODY ORNAMENTALS</b>			
Elm ("Valley Forge")	<a href="#">Dutch Elm Disease</a>	<i>Ophiostoma</i> sp.	Washington
Lilac (Japanese Tree)	<a href="#">Verticillium Wilt</a>	<i>Verticillium</i> sp.	Waukesha
Lilac (Unspecified)	<a href="#">Phomopsis Canker</a>	<i>Phomopsis</i> sp.	Waukesha
Maple (Japanese)	<a href="#">Verticillium Wilt</a>	<i>Verticillium</i> sp.	Dane, Waukesha
Oak (Bur)	<a href="#">Tubakia Leaf Spot</a>	<i>Tubakia</i> sp.	Sauk
Oak (Pin)	<a href="#">Herbicide Damage</a>	None	Dane
Oak (Red)	<a href="#">Anthracnose</a>	<i>Discula</i> spp.	La Crosse
	<a href="#">Septoria Leaf Spot</a>	<i>Septoria</i> sp.	La Crosse
	<a href="#">Sphaeropsis Canker</a>	<i>Sphaeropsis</i> sp.	La Crosse, Marathon
Oak (Unspecified)	<a href="#">Anthracnose</a>	<i>Discula</i> sp.	Walworth
Redbud	<a href="#">Unidentified Viral Disease</a>	Unidentified virus	Milwaukee
Walnut (Black)	<a href="#">Anthracnose</a>	<i>Gnomonia leptostyla</i>	Winnebago
<b>FIELD CROPS</b>			
Corn	<a href="#">Anthracnose Stalk Rot</a>	<i>Colletotrichum graminicola</i>	Portage
	<a href="#">Common Rust</a>	<i>Puccinia sorghi</i>	Rock
	<a href="#">Diplodia (Stenocarpella) Ear Rot</a>	<i>Stenocarpella</i> sp.	Grant
	<a href="#">Eyespot</a>	<i>Kabatiella zeae</i>	Rock
	<a href="#">Fusarium Ear Rot</a>	<i>Fusarium</i> sp.	Grant
	<a href="#">Fusarium Root Rot</a>	<i>Fusarium</i> sp.	Rock
	<a href="#">Gibberella Stalk Rot</a>	<i>Fusarium graminearum</i>	Portage, Rock
	<a href="#">Gray Leaf Spot</a>	<i>Cercospora</i> sp.	Rock
	<a href="#">Helminthosporium Root Rot</a>	<i>Exserohilum pedicellatum</i>	Rock
	<a href="#">Northern Corn Leaf Blight</a>	<i>Exserohilum turcicum</i>	Rock
	<a href="#">Penicillium Ear Rot</a>	<i>Penicillium</i> sp.	Grant
	<a href="#">Pythium Root Rot</a>	<i>Pythium</i> sp.	Rock
	<a href="#">Pythium Stalk Rot</a>	<i>Pythium</i> sp.	Portage

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<b>FIELD CROPS (Continued)</b>			
Corn	Rhizoctonia Stalk Rot	<u>Rhizoctonia sp.</u>	Portage
Sorghum	Grain Weathering	<u>Alternaria sp.</u>	Calumet
<b>FRUIT CROPS</b>			
Apple ('Gala')	Necrotic Leaf Blotch	None	Outagamie
Apple ('Honeycrisp')	Honeycrisp Leaf Necrosis	None	Outagamie
Apple (Unspecified)	<u>Apple Scab</u>	<u>Venturia inaequalis</u>	Portage
	<u>Bitter Pit</u>	None	Jefferson
	<u>Bitter Rot</u>	<u>Colletotrichum gloeosporioides</u>	Langlade
	<u>Black Rot (Canker)</u>	<u>Sphaeropsis sp.</u>	Clark
	<u>Flyspeck</u>	<u>Schizothyrium pomi</u>	Green, Langlade
	<u>Phomopsis Fruit Rot</u>	<u>Phomopsis sp.</u>	Langlade
	<u>Phytophthora Root Rot</u>	<u>Phytophthora sp.</u>	Outagamie
Apple (Unspecified)	<u>Sooty Blotch</u>	Miscellaneous sooty blotch fungi	Green, Langlade
	Cherry Leaf Spot	<u>Blumeriella jaapii</u>	Racine
Raspberry	Spur Blight	<u>Didymella appianata</u>	Marathon
<b>HERBACEOUS ORNAMENTALS</b>			
Hosta	<u>Foliar Nematodes</u>	<u>Aphelenchoides sp.</u>	Walworth
Sedum	Anthracnose	<u>Colletotrichum sp.</u>	Columbia
	<u>Root/Crown Rot</u>	<u>Phytophthora sp.</u>	Columbia
<b>NEEDED WOODY ORNAMENTALS</b>			
Pine (Bristlecone)	<u>Sooty Mold</u>	<u>Fumago vagans</u>	Racine
Pine (Scots)	<u>Diplodia Shoot Blight and Canker</u>	<u>Diplodia sp.</u>	Dane
Spruce (Black Hills)	<u>Cytospora Canker</u>	<u>Leucocytospora kunzei</u>	Waukesha
	<u>Rhizosphaera Needle Cast</u>	<u>Rhizosphaera kalkhoffii</u>	Dane
Spruce (Blue)	<u>Rhizosphaera Needle Cast</u>	<u>Rhizosphaera kalkhoffii</u>	La Crosse
	<u>Sirococcus Shoot Blight</u>	<u>Sirococcus sp.</u>	Langlade
	<u>Spruce Needle Drop</u>	<u>Setomelanomma holmii</u>	Washington
Spruce (Unspecified)	<u>Rhizosphaera Needle Cast</u>	<u>Rhizosphaera kalkhoffii</u>	Dane
	<u>Sooty Mold</u>	<u>Fumago vagans</u>	Dane
<b>VEGETABLE CROPS</b>			
Garlic	<u>Embellisia Skin Blotch and Bulb Canker</u>	<u>Embellisia allii</u>	Dane
	<u>Fusarium Bulb Rot</u>	<u>Fusarium sp.</u>	Dane
Potato	<u>Bacterial Soft Rot</u>	<u>Pectobacterium sp.</u>	Portage
	<u>Black Heart</u>	None	Portage

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<b>VEGETABLE CROPS (Continued)</b>			
Potato	Heat Necrosis	None	Portage
	Internal Browning	None	Portage
Squash (Spaghetti)	Black Rot/ Gummy Stem Blight	<u><i>Didymella bryoniae</i></u>	Monroe
Squash (Winter)	Sour Rot	<u><i>Geotrichum</i> sp.</u>	Dane
Pepper	Unidentified Viral Disease	Unidentified virus	Dane
Tomato	Late Blight	<u><i>Phytophthora infestans</i></u>	Juneau
	<i>Septoria</i> Leaf Spot	<u><i>Septoria lycopersici</i></u>	Dane
	Tobacco Mosaic	<u><i>Tobacco mosaic virus</i></u>	Walworth

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