

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 June 17, 2017 through June 23, 2017.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Boxwood (Unspecified)	Fusarium Canker Phyllosticta Leaf Spot Volutella Canker	<i>Fusarium</i> sp. <i>Phyllosticta</i> sp. <i>Volutella</i> sp.	Milwaukee Milwaukee Milwaukee
Buckthorn (Fern Leaf)	Crown Rust	<i>Puccinia coronata</i>	Waupaca
Buckthorn (Glossy)	Crown Rust	<i>Puccinia coronata</i>	Kenosha
Elm (American 'Princeton')	Fusarium Canker	<i>Fusarium</i> sp.	Jefferson
Elm (Unspecified)	Anthracnose	<i>Gloeosporium</i> sp.	Racine
Lilac	Bacterial Blight	<i>Pseudomonas syringae</i>	La Crosse
Ninebark	Anthracnose	<i>Colletotrichum</i> sp.	Crawford
Oak (Bur)	Bur Oak Blight	<i>Tubakia iowensis</i>	Brown
Oak (Unspecified)	Anthracnose	<i>Discula</i> sp.	Door
Willow	Marssonina Leaf Spot/Twig Blight	<i>Marssonina</i> sp.	Marathon
Winter Creeper	Crown Gall	<i>Agrobacterium tumefaciens</i>	Iowa
FIELD CROPS			
Soybean	Charcoal Rot Fusarium Seedling Blight	<i>Macrophomina phaseolina</i> <i>Fusarium</i> sp.	Grant Grant
FORAGE CROPS			
Alfalfa	Aphanomyces Root Rot Fusarium Root Rot Phytophthora Root Rot Pythium Root Rot	<i>Aphanomyces euteiches</i> <i>Fusarium</i> sp. <i>Phytophthora</i> sp. <i>Pythium</i> sp.	Calumet Calumet Calumet Calumet

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
FORAGE CROPS (Continued)			
Alfalfa	Rhizoctonia Root Rot	<i>Rhizoctonia</i> sp.	Calumet
FRUIT CROPS			
Apple	Anthracnose	<i>Colletotrichum</i> sp.	Dane
	Apple Scab	<i>Venturia inaequalis</i>	Dane, Portage
	Coniothyrium Leaf Spot	<i>Coniothyrium</i> sp.	Dane
	Discosia Leaf Spot	<i>Discosia</i> sp.	Dane
	Root/Crown Rot	<i>Cylindrocarpon</i> sp.	Iowa
Apricot (Manchurian)	Bacterial Canker	<i>Pseudomonas syringae</i>	Brown
	Brown Rot	<i>Monilinia</i> sp.	Brown
Blueberry	Phomopsis Canker	<i>Phomopsis</i> sp.	Columbia
	Root/Crown Rot	<i>Rhizoctonia</i> sp.	Columbia
Cherry ('Carmine Jewel')	Bacterial Canker	<i>Pseudomonas syringae</i>	Brown
	Brown Rot	<i>Monilinia</i> sp.	Brown
Cherry (Nanking)	Brown Rot	<i>Monilinia</i> sp.	Brown
Plum (Red)	Bacterial Canker	<i>Pseudomonas syringae</i>	Brown
	Brown Rot	<i>Monilinia</i> sp.	Brown
Plum (Yellow)	Bacterial Canker	<i>Pseudomonas syringae</i>	Brown
	Brown Rot	<i>Monilinia</i> sp.	Brown
Rhubarb	Anthracnose	<i>Colletotrichum</i> sp.	Portage
	Pseudomonas Leaf Blight	<i>Pseudomonas</i> sp.	Portage
HERBACEOUS ORNAMENTALS			
Culver's Root	Phomopsis Canker	<i>Phomopsis</i> sp.	Dane
	Root/Crown Rot	<i>Rhizoctonia</i> sp.	Dane
Peony	Herbicide Damage	None	La Crosse
	Root/Crown Rot	<i>Pythium</i> sp., <i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.	Crawford
Virginia Bluebell	Root/Crown Rot	<i>Pythium</i> sp.	Dane
NEEDED WOODY ORNAMENTALS			
Fir (White)	Phyllosticta Needle Blight	<i>Phyllosticta</i> sp	Dane

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
NEEDED WOODY ORNAMENTALS (Continued)			
<i>Fir (Unspecified)</i>	Root/Crown Rot	<i>Phytophthora</i> sp.	Portage
<i>Pine (White)</i>	Dooks Needle Blight (Canavirgella Needle Blight)	<i>Lophophacidium dooksii</i> (<i>Canavirgella banfieldii</i>)	Eau Claire
<i>Spruce (Green)</i>	Spruce Needle Drop	<i>Setomelanomma holmii</i>	Jefferson
<i>Spruce (Norway)</i>	Phomopsis Canker Rhizosphaera Needle Cast	<i>Phomopsis</i> sp. <i>Rhizosphaera kalkhoffii</i>	Chippewa Chippewa
<i>Spruce (Unspecified)</i>	Rhizosphaera Needle Cast Spruce Needle Drop Stigmina Needle Cast	<i>Rhizosphaera kalkhoffii</i> <i>Setomelanomma holmii</i> <i>Stigmina</i> sp.	Dane Monroe La Crosse, Dane
<i>White Cedar</i>	Phomopsis Canker	<i>Phomopsis</i> sp.	La Crosse, Portage
VEGETABLE CROPS			
<i>Celery</i>	Cucumber Mosaic Tobacco Mosaic	<i>Cucumber mosaic virus</i> <i>Tobacco mosaic virus</i>	Marathon Marathon
<i>Pea</i>	Aphanomyces Root Rot	<i>Aphanomyces euteiches</i>	Waushara
<i>Potato</i>	Black Leg	<i>Dickeya dianthicola</i>	Waushara
<i>Snap Bean</i>	Fusarium Root Rot Pythium Root Rot Rhizoctonia Root Rot	<i>Fusarium</i> sp. <i>Pythium</i> sp. <i>Rhizoctonia</i> sp.	Waushara Waushara Waushara

For additional information on plant diseases and their control, visit the PDDC website at pddc.wisc.edu. Follow the clinic on Facebook and Twitter @UWPDDC.