

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

Brian Hudelson, Sue Lueloff, John Lake and Ann Joy

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 4, 2018 through August 10, 2018.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Unspecified)	Verticillium Wilt	None	Dodge
Beech (European)	Herbicide Damage Root/Crown Rot	None Phytophthora sp.	Milwaukee Dane
Crabapple	Apple Scab	Venturia inaequalis	Portage
Harry Lauder's Walking Stick	Eastern Filbert Blight	Anisogramma anomala	Dane
Honeylocust	Unspecified Phytoplasma Disease	Unspecified phytoplasma	Dane
Magnolia	Phomopsis Canker	Phomopsis sp.	Green Lake
Pachysandra	Volutella Blight	Volutella pachysandricola	Milwaukee
Pear (Callery)	Fire Blight	Erwinia amylovora	Jefferson
Pear (Unspecified Ornamental)	Fire Blight	Erwinia amylovora	Dane
Peony (Tree)	Unidentified Virus Disease	Unidentified virus	Dane
Serviceberry	Root Rot/Crown Rot Sphaeropsis Canker	Pythium sp., Rhizoctonia sp. Sphaeropsis sp.	Dane Dane
FIELD CROPS			
Corn	Tar Spot	Phyllachora maydis	Grant, Rock
Soybean	Charcoal Rot Fusarium Root Rot Phytophthora Root and Stem Rot Pythium Root Rot	Macrophomina phaseolina Fusarium sp. Phytophthora sp. Pythium sp.	Iowa, Pierce Iowa, Pierce Iowa Iowa, Pierce
FRUIT CROPS			
Cranberry	Cranberry False Blossom	Cranberry false blossom phytoplasma	Wood
Grape ('Marquette')	Cytospora Canker	Cytospora sp.	Chippewa

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FRUIT CROPS (Continued)			
Grape (Unspecified)	Herbicide Damage	None	Buffalo
Pear	Fire Blight Pear Scab	<i>Erwinia amylovora</i> <i>Venturia pirina</i>	Jefferson Dane
Raspberry	Raspberry Leaf Spot Root Rot/Crown Rot Verticillium Wilt	<i>Cylindrosporium rubi</i> <i>Pythium</i> sp., <i>Rhizoctonia</i> sp. <i>Phytophthora</i> sp., <i>Verticillium</i> sp.	Waukesha Bayfield, Waukesha Bayfield
Rhubarb	Ascochyta Leaf Spot	<i>Ascochyta</i> sp.	Buffalo
Strawberry	Root/Crown Rot	<i>Fusarium</i> sp.	Chippewa
HERBACEOUS ORNAMENTALS			
Grass (Unspecified)	Blast	<i>Pyricularia</i> sp.	Pepin
NEEDED WOODY ORNAMENTALS			
Fir (Unspecified)	Rhizosphaera Needle Cast Winter Burn	<i>Rhizosphaera</i> sp. None	Chippewa Chippewa
Spruce (Unspecified)	Rhizosphaera Needle Cast Spruce Needle Drop	<i>Rhizosphaera kalkhoffii</i> <i>Setomelanomma holmii</i>	Baron, Waukesha Waukesha
Yew	Cytospora Canker	<i>Cytospora</i> sp.	Milwaukee
VEGETABLE CROPS			
Bean (Dry)	Fusarium Root Rot Pythium Root Rot Unidentified Potyvirus Disease	<i>Fusarium</i> sp. <i>Pythium</i> sp. Unidentified potyvirus	Buffalo Buffalo Buffalo
Bean (Snap)	Fusarium Wilt	<i>Fusarium oxysporum</i>	Columbia
Cucurbit (Unspecified)	Fusarium Wilt	<i>Fusarium oxysporum</i>	Dane
Eggplant	Verticillium Wilt	<i>Verticillium</i> sp.	Waushara
Onion	Botrytis Leaf Blight Stemphylium Leaf Blight	<i>Botrytis</i> sp. <i>Stemphylium</i> sp.	Green Lake, Marquette Green Lake, Marquette
Parsley	Aster Yellows	Aster yellows phytoplasma	Fillmore (MN)
Pea	Fusarium Root Rot Fusarium Wilt	<i>Fusarium solani</i> <i>Fusarium oxysporum</i>	Buffalo Buffalo

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VEGETABLE CROPS (Continued)			
Pepper	<i>Bacterial Spot</i> <i>Blossom End Rot</i>	<i>Xanthomonas</i> sp. None	Columbia Iowa
Tomato	<i>Powdery Mildew</i> <i>Herbicide Damage</i> <i>Septoria Leaf Spot</i> <i>Root Rot/Crown Rot</i>	<i>Oidium</i> sp. None <i>Septoria lycopersici</i> <i>Pythium</i> sp., <i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.	Portage Outagamie Portage, Shawano Grant
Zucchini	<i>Blossom End Rot</i> <i>Verticillium Wilt</i>	None <i>Verticillium</i> sp.	Dane Dane
SPECIALTY CROPS			
Hop	<i>Phoma Wilt</i> <i>Phomopsis Canker</i>	<i>Phoma</i> sp. <i>Phomopsis</i> sp.	Dane Wood

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