



Extension

UNIVERSITY OF WISCONSIN-MADISON

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 October 5, 2019 through October 11, 2019.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Catalpa	Verticillium Wilt	<i>Verticillium</i> sp.	Eau Claire
Mountain-Ash (Korean)	Fire Blight	<i>Erwinia amylovora</i>	Brown
Oak (Bur)	Anthracnose Bur Oak Blight Tubakia Leaf Spot	<i>Discula</i> sp. <i>Tubakia iowensis</i> <i>Tubakia dryina</i>	Waukesha Dane Dane, Rock, Waukesha
Oak (Red)	Anthracnose Monochaetia Leaf Sport Oak Wilt	<i>Discula</i> sp. <i>Monochaetia</i> sp. <i>Bretziella fagacearum</i>	Columbia Columbia Columbia
Oak (White)	Anthracnose Septoria Leaf Spot Tubakia Leaf Spot	<i>Discula</i> sp. <i>Septoria</i> sp. <i>Tubakis dryina</i>	Columbia, Crawford, Milwaukee Columbia, Crawford Columbia, Milwaukee
FIELD CROPS			
Corn	Anthracnose Common Rust Eyespot Gray Leaf Spot Northern Corn Leaf Blight Northern Corn Leaf Spot Southern Rust Tar Spot	<i>Colletricum graminicola</i> <i>Puccinia sorghi</i> <i>Kabatiella zaeae</i> <i>Cercospora</i> sp. <i>Exserohilum turcicum</i> <i>Bipolaris zeicola</i> <i>Puccinia polysora</i> <i>Phyllachora maydis</i>	Washington Washington Pierce Washington Pierce, Washington Pierce Pierce Washington



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Wisconsin Disease Almanac

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
FIELD CROPS (Continued)			
Soybean	Brown Stem Rot	<i>Phialophora gregata</i>	Dodge, Shawano
	Charcoal Rot	<i>Macrophomina phaseolina</i>	Dodge
	Sudden Death Syndrome	<i>Fusarium virguliforme</i>	Dodge
FRUIT CROPS			
Apple	Root/Crown Rot	<i>Pythium</i> sp., <i>Fusarium</i> sp.	Richland
Cranberry	Blotch Rot	<i>Physalospora vaccinii</i>	Wood
Grape	Anthracnose	<i>Sphaceloma ampelinum</i>	Oneida
	Black Rot	<i>Phyllosticta ampelicida</i>	Oneida
HERBACEOUS ORNAMENTALS			
Zinnia	Alternaria Leaf Blight	<i>Alternaria zinnae</i>	Portage
NEEDED WOODY ORNAMENTALS			
Spruce (Blue)	Rhizosphaera Needle Cast	<i>Rhizosphaera kalkhoffii</i>	Waukesha
VEGETABLE CROPS			
Cabbage (Red)	Black Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Winnebago
Carrot	Alternaria Leaf Blight	<i>Alternaria dauci</i>	Portage
	Cercospora Leaf Spot	<i>Cercospora carotae</i>	Portage
Corn (Sweet)	Common Rust	<i>Puccinia sorghi</i>	Rock
	Tar Spot	<i>Phyllachora maydis</i>	Rock
Potato (Tuber)	Bacterial Soft Rot	<i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> , <i>Pectobacterium atrosepticum</i>	Marquette
	Fusarium Dry Rot	<i>Fusarium</i> sp.	Marquette
	Late Blight	<i>Phytophthora infestans</i>	Adams, Barron, Waushara
Snap Bean	Black Root Rot	<i>Thielaviopsis</i> sp.	Lafayette
	Fusarium Root Rot	<i>Fusarium</i> sp.	Lafayette
	Rhizoctonia Root Rot	<i>Rhizoctonia</i> sp.	Lafayette
Squash (Butternut)	Powdery Mildew	<i>Oidium</i> sp.	Vernon

Wisconsin Disease Almanac



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PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
VEGETABLE CROPS (Continued)			
Watermelon	Downy Mildew	<i>Pseudoperonospora cubensis</i>	Columbia
	Plectosporium Blight	<i>Plectosphaerella cucumerina</i>	Columbia
	Powdery Mildew	<i>Oidium</i> sp.	Columbia
SPECIALTY CROPS			
Hemp (Industrial)	Root/Crown Rot	<i>Fusarium</i> sp.	Dane

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.