



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 September 21, 2019 through September 27, 2019.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS			
Ash (Green)	Ash Yellows	Ash yellows phytoplasma	Dane
Lilac (Unspecified)	Powdery Mildew Septoria Leaf Spot	<i>Oidium</i> sp. <i>Septoria</i> sp.	Dane, Wood Wood
Maple (Norway)	Anthracnose Tar Spot	<i>Discula</i> sp. <i>Rhytisma acerinum</i>	Eau Claire Eau Claire
Maple (Three-Flowered)	Anthracnose	<i>Discula</i> sp.	Sheboygan
Oak (Black)	Anthracnose Oak Wilt Tubakia Leaf Spot	<i>Discula</i> sp <i>Bretziella fagacearum</i> <i>Tubakia dryina</i>	St. Croix St. Croix St. Croix
Oak (Bur)	Anthracnose Bur Oak Blight Monochaetia Leaf Spot Tubakia Leaf Spot	<i>Discula</i> sp. <i>Tubakia lowensis</i> <i>Monochaetia</i> sp. <i>Tubakia dryina</i>	Ozaukee, Waukesha Columbia, Dane, Green, Ozaukee, Waukesha Waukesha Columbia, Dane, Green, La Crosse, Ozaukee, Waukesha
Oak (Red)	Oak Wilt	<i>Bretziella fagacearum</i>	Dane
Oak (Swamp White)	Chlorosis	None	Crawford
Oak (White)	Anthracnose Chlorosis Monochaetia Leaf Spot Smooth Patch	<i>Discula</i> sp. None <i>Monochaetia</i> sp. <i>Aleurodiscus oakesii</i>	Walworth Milwaukee Walworth Milwaukee



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Wisconsin Disease Almanac

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
BROAD LEAFED WOODY ORNAMENTALS (Continued)			
Oak (White) (Continued)	Tubakia Leaf Spot	<i>Tubakia dryina</i>	Milwaukee, Walworth
Oak (Unspecified)	Anthracnose Septoria Leaf Spot	<i>Discula</i> sp. <i>Septoria</i> sp.	Dane Dane
Pear (Ornamental)	Cytospora Canker	<i>Cytospora</i> sp.	Kenosha
Privet	Sphaeropsis Canker	<i>Sphaeropsis</i> sp.	Dane
FIELD CROPS			
Corn	Common Rust Gray Leaf Spot Holcus Spot Northern Corn Leaf Blight Purple Leaf Sheath Tar Spot	<i>Puccinia sorghi</i> <i>Cercospora</i> sp. <i>Pseudomonas syringae</i> <i>Exserohilum turcicum</i> None <i>Phyllachora maydis</i>	Clark, Rock Clark, Rock Lafayette Clark Clark Rock
Rye (Winter)	Seedling Blight/ Leaf Blotch/ Crown Necrosis	<i>Bipolaris sorokiniana</i>	Chippewa
FORAGE CROPS			
Alfalfa	Aphanomyces Root Rot	<i>Aphanomyces euteiches</i>	Dane
FRUIT CROPS			
Apple	Apple Scab Bitter Rot Fire Blight Frogeye Leaf Spot	<i>Venturia inaequalis</i> <i>Colletotrichum</i> sp. <i>Erwinia amylovora</i> <i>Botryosphaeria obtusa</i>	Door Vernon Door Door
Pear	Pear Scab	<i>Venturia pirina</i>	Door, Portage
HERBACEOUS ORNAMENTALS			
Aster	Septoria Leaf Spot	<i>Septoria</i> sp.	Dane
Coleus	Impatiens Necrotic Spot	<i>Impatiens necrotic spot virus</i>	Milwaukee
Hosta	Hosta Virus X	<i>Hosta virus X</i>	Sheboygan

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PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
NEEDED WOODY ORNAMENTALS			
Arborvitae	Diplodia Canker Root/Crown Rot	<i>Diplodia</i> sp. <i>Phytophthora</i> sp., <i>Pythium</i> sp.	Dane Milwaukee
Fir (Unspecified)	Diplodia Shoot Blight Rhizosphaera Needle Cast	<i>Diplodia</i> sp. <i>Rhizosphaera kalkhoffii</i>	Dane Dane
Juniper (Unspecified)	Phomopsis Tip Blight	<i>Phomopsis juniperovora</i>	Dane
VEGETABLE CROPS			
Broccoli	Black Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i>	Unknown (ME)
Cantaloupe	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Wood
Cauliflower	Black Rot Bacterial Soft Rot	<i>Xanthomonas campestris</i> pv. <i>campestris</i> <i>Pectobacterium</i> <i>atrosepticum</i>	Unknown (ME) Unknown (ME)
Melon (Unspecified)	Angular Leaf Spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>	Winnebago
Potato	Bacterial Soft Rot	<i>Pectobacterium</i> <i>carotovorum</i> pv. <i>carotovorum</i> , <i>Pectobacterium</i> <i>atrosepticum</i>	Waushara
Squash (Butternut)	Powdery Mildew	<i>Oidium</i> sp.	Wood
Squash (Winter)	Powdery Mildew	<i>Oidium</i> sp.	Dane
Tomato	Late Blight Septoria Leaf Spot	<i>Phytophthora infestans</i> <i>Septoria lycopersici</i>	Walworth Walworth
SPECIALTY CROPS			
Hemp (Industrial)	Anthracnose Downy Mildew Helminthosporium Leaf Spot	<i>Colletotrichum</i> sp. <i>Pseudoperonospora</i> sp. <i>Helminthosporium</i> sp.	Lafayette Lafayette Lafayette
Hop	Powdery Mildew	<i>Oidium</i> sp.	Wood

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.