



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

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The PDDC is now once again accepting physical samples for diagnosis, but due to COVID-19, only with limited hours and limited sample processing capacity. [Click here](#) for the current submission policy. The PDDC is continuing to provide diagnoses through examination of digital photographs. Digital diagnoses have not traditionally been included in the Wisconsin Disease Almanac, because such diagnoses are not verified through lab testing (critical in most situations for a diagnosis to be accurate). However, in an attempt to keep clients as informed as possible, digital diagnoses will be included in the Almanac until normal PDDC operations resume. For Almanac entries below, when a digital diagnosis would normally require a lab confirmation, the disease/disorder will be labeled as “suspected”. The following diseases/disorders have been identified at the PDDC from June 13, 2020 through June 19, 2020.

| PLANT/SAMPLE TYPE | DISEASE/DISORDER | PATHOGEN | COUNTY |
|---|---|---------------------------|----------------------|
| BROAD LEAFED WOODY ORNAMENTALS | | | |
| Aspen | Venturia Leaf Blight (Suspected) | <i>Venturia</i> sp. | St. Croix |
| Birch (River) | Mouse Ear/Nickel Deficiency (Suspected) | None | Waukesha, Washington |
| Birch (Unspecified) | Canker Disease (Suspected) | Unspecified canker fungus | Dane |
| | Improper Watering (Suspected) | None | Oneida |
| | Transplant Shock (Suspected) | None | Oneida |
| Boxwood | Fusarium Canker (Suspected) | <i>Fusarium</i> sp. | Marathon |
| | Volutella Canker (Suspected) | <i>Volutella</i> sp. | Marathon |
| | Winter Burn | None | Marathon |
| Buckthorn (Glossy) | Crown Rust | <i>Puccinia coronata</i> | Racine |
| Buckthorn (Unspecified) | Botryosphaeria Canker | <i>Botryosphaeria</i> sp. | Waukesha |
| | Crown Rust | <i>Puccinia coronata</i> | Waukesha |
| Chokeberry | Canker Disease (Suspected) | Unspecified canker fungus | La Crosse |
| Crabapple (Weeping) | Fire Blight (Suspected) | <i>Erwinia amylovora</i> | Waukesha |



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| BROAD LEAFED WOODY ORNAMENTALS (Continued) | | | |
|---|--|-------------------------------------|--------------|
| Crabapple | Apple Scab | <i>Venturia inaequalis</i> | Racine |
| | Apple Scab (Suspected) | <i>Venturia inaequalis</i> | Dane |
| | Chlorosis | None | Racine |
| | Fertility Issues (Suspected) | None | Racine |
| | Gymnosporangium Rust | <i>Gymnosporangium</i> sp. | Dane, Racine |
| | Herbicide Damage | None | Racine |
| Dogwood (Pagoda) | Septoria Leaf Spot (Suspected) | <i>Septoria</i> sp. | Rock |
| Dogwood (Red Osier) | Canker Disease (Suspected) | Unspecified canker fungus | La Crosse |
| Elderberry | Elderberry Rust | <i>Puccinia sambuci</i> | Dane |
| | Verticillium Wilt (Suspected) | <i>Verticillium</i> sp. | Dane |
| Elm (Unspecified) | Dutch Elm Disease (Suspected) | <i>Ophiostoma</i> sp. | Juneau |
| | Elm Leaf Blister (Suspected) | <i>Taphrina ulmi</i> | Winnebago |
| Honeylocust | Thyronectria Canker | <i>Thyronectria austroamericana</i> | Dane |
| Honeysuckle (Shrub) | Squirrel Damage (Suspected) | None | Waukesha |
| Honeysuckle (Vine) | Virus or Phytoplasma Disease (Suspected) | Unspecified virus or phytoplasma | Shawano |
| Lilac | Verticillium Wilt (Suspected) | <i>Verticillium</i> sp. | Waukesha |
| Magnolia | Chlorosis | None | Dane |
| Maple ('Autumn Blaze') | Anthracoze (Suspected) | <i>Discula</i> sp. | Waukesha |
| Maple (Korean) | Verticillium Wilt (Suspected) | <i>Verticillium</i> sp. | Dane |
| Maple (Norway) | Tatters | None | Winnebago |
| Maple (Red) | Anthracoze (Suspected) | <i>Discula</i> sp. | Eau Claire |
| | Chlorosis | None | Eau Claire |
| Maple (Unspecified) | Anthracoze (Suspected) | <i>Discula</i> sp. | Washington |
| | Chlorosis | None | Washington |



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|---|--|--|------------|
| Maple (Unspecified) | Herbicide Damage (Suspected) | None | Dane |
| | Purple-Bordered Leaf Spot (Suspected) | <i>Phyllosticta minima</i> | Eau Claire |
| | Sunburn (Suspected) | None | La Crosse |
| Oak (Pin) | Chlorosis | None | Rock |
| Oak (Swamp White) | Anthrachnose (Suspected) | <i>Discula</i> sp. | Washington |
| Oak (White) | Anthrachnose (Suspected) | <i>Discula</i> sp. | Dane |
| | Chlorosis | None | Dane |
| Oak (Unspecified) | Chlorosis | None | Brown |
| Pear (Ornamental) | Fire Blight (Suspected) | <i>Erwinia amylovora</i> | Waukesha |
| <i>Prunus</i> (Unspecified) | Black Knot | <i>Apiosporina morbosa</i> | Green |
| Redbud (Unspecified) | Herbicide Damage (Suspected) | None | Sauk |
| Willow (Unspecified) | Canker Disease (Suspected) | Unspecified canker fungus | Waukesha |
| FIELD CROPS | | | |
| Oats (Unspecified) | Bacterial Stripe | <i>Pseudomonas syringae</i> pv. <i>striaefaciens</i> | Winnebago |
| | Crown Rust | <i>Puccinia coronata</i> | Winnebago |
| | Environmental Stress (Suspected) | None | Winnebago |
| FRUIT CROPS | | | |
| Apple | Chemical Burn (Suspected) | None | La Crosse |
| | Gymnosporangium Rust | <i>Gymnosporangium</i> sp. | Dane |
| | Root/Crown Rot (Suspected) | Unidentified root rot fungi/water molds | Marinette |
| Cherry | Bacterial Canker (Suspected) | <i>Pseudomonas syringae</i> | Sauk |
| Fig (Common) | Fig Mosaic (Suspected) | <i>Fig mosaic virus</i> | Milwaukee |
| Gooseberry | Gloeosporidiella Leaf Spot (Suspected) | <i>Gloeosporidiella</i> sp. | Lafayette |
| Raspberry (Black) | Orange Rust | <i>Gymnoconia peckiana</i> | Vilas |

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| HERBACEROUS ORNAMENTALS | | | |
|---------------------------------|---|---|--------------------------------|
| Astilbe | Tobacco Rattle (Suspected) | <i>Tobacco rattle virus</i> | Dane |
| Coneflower | Viral or Phytoplasma Disease (Suspected) | Unspecified virus or phytoplasma | Manitowoc |
| Daisy (Shasta) | Viral or Phytoplasma Disease (Suspected) | Unspecified virus or phytoplasma | Manitowoc |
| Geranium (Perennial) | Viral or Phytoplasma Disease (Suspected) | Unspecified virus or phytoplasma | Manitowoc |
| Hosta | Sunburn | None | Milwaukee |
| | Winter Injury (Suspected) | None | Shawano |
| Peony (Unspecified) | Viral or Phytoplasma Disease (Suspected) | Unspecified virus or phytoplasma | Dane, Manitowoc, Shawano |
| | Winter Injury/Hardiness Issues (Suspected) | None | Dane |
| HOUSEPLANTS | | | |
| Lemon | Environmental Stress (Suspected) | None | Manitowoc |
| | Fertility Issues (Suspected) | None | Manitowoc |
| Palm (Unspecified) | Improper Planting | None | Dane |
| | Transplant Shock (Suspected) | None | Dane |
| NEEDED WOODY ORNAMENTALS | | | |
| Arborvitae | Phyllosticta Needle Blight | <i>Phyllosticta</i> sp. | Dane |
| | Root/Crown Rot (Suspected) | Unidentified root rot fungi/water molds | Brown |
| Fir (Balsam) | Rhizosphaera Needle Cast | <i>Rhizosphaera</i> sp. | Jackson |
| | Shading (Suspected) | None | Jefferson |
| | Water Stress (Suspected) | None | Jefferson |
| Fir (Unspecified) | Canker Disease (Suspected) | Unspecified canker fungus | Marathon |
| Juniper | Transplant Shock (Suspected) | None | Douglas |
| | Winter Burn (Suspected) | None | Douglas |
| Spruce (Black Hills) | Lirula Needle Blight | <i>Lirula</i> sp. | Dane |
| | Rhizosphaera Needle Cast | <i>Rhizosphaera kalkhoffii</i> | Dane |



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| NEEDED WOODY ORNAMENTALS (Continued) | | | |
|---|--|--|---------------------|
| Spruce (Blue) | Rhizosphaera Needle Cast (Suspected) | <i>Rhizosphaera kalkhoffii</i> | Milwaukee |
| Spruce (White) | Transplant Shock (Suspected) | None | Portage |
| Spruce (Unspecified) | Cold/Heat Injury (Suspected) | None | Grant |
| | Rhizosphaera Needle Cast (Suspected) | <i>Rhizosphaera kalkhoffii</i> | Jefferson, Waukesha |
| VEGETABLE CROPS | | | |
| Brussels Sprouts | Restricted Root Growth | None | Walworth |
| | Root Rot (Suspected) | Unspecified root rot fungi/water molds | Walworth |
| Carrot (Unspecified) | Damping-Off | <i>Alternaria dauci</i> , <i>Fusarium</i> sp., <i>Pythium</i> sp., <i>Rhizoctonia</i> sp. | Portage |
| Potato (Unspecified) | Black Leg | <i>Dickeya dianthicola</i> | Oneida |
| Rhubarb | Virus or Phytoplasma Disease (Suspected) | Unspecified virus or phytoplasma | Shawano |
| Tomato (Unspecified) | Bacterial Canker | <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> | Wood |
| | Herbicide Damage (Suspected) | None | Barron, Polk |
| | Walnut Toxicity (Suspected) | None | Dane |
| MISCELLANEOUS | | | |
| Fungal ID | Oyster Mushroom (<i>Pleurotus</i> sp.) | None | Iowa |
| Slime Mold ID | Chocolate Tube Slime Mold (<i>Stemonitis</i> sp.) | None | Ozaukee |

To learn more about plant diseases and their control, as well as PDDC educational resources and activities, visit the PDDC website at pddc.wisc.edu, follow the clinic on Facebook and Twitter @UWPDDC or email pddc@wisc.edu to subscribe to the PDDC listserv "UWPDDCLearn".