



Extension

UNIVERSITY OF WISCONSIN-MADISON

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

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In 2022, the PDDC continues to provide diagnoses through examination of digital photographs, as well as physical samples. [Click here](#) for the PDDC’s current submission policy, as well as information on the PDDC’s current [fee](#) structure. Digital diagnoses will be included in the Wisconsin Disease Almanac and 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 July 2, 2022 through July 8, 2022.

PLANT/SAMPLE TYPE	DISEASE/DISORDER	PATHOGEN	COUNTY
<b>BROAD-LEAFED WOODY ORNAMENTALS</b>			
Elm	Transplant Shock (Suspected)	None	Rock
	Water Stress (Suspected)	None	Rock
Maple (Unspecified)	Frost Crack	None	Walworth
	Girdling Roots (Suspected)	None	Walworth
	Improper Planting (Burlap and Wire Basket Left On)	None	Walworth
	Overly Deep Planting	None	Walworth
Oak (Red)	<a href="#">Anthracnose</a>	<i>Discula</i> sp.	Waukesha
	<a href="#">Chlorosis</a>	None	Waukesha
Serviceberry	Girdling Roots (Suspected)	None	Walworth
	Overly Deep Planting	None	Walworth
<b>FRUIT CROPS</b>			
Apple	<a href="#">Cedar-Apple Rust</a>	<i>Gymnosporangium juniperi-virginianae</i>	Dane
Cherry	Transplant Shock (Suspected)	None	Rock
	Water Stress (Suspected)	None	Rock
Strawberry	<a href="#">Root/Crown Rot</a>	<i>Phytophthora</i> sp., <i>Rhizoctonia</i> sp.	Washington
<b>HERBACEOUS ORNAMENTALS</b>			
Geranium	<a href="#">Edema</a> <a href="#">Gray Mold/Botrytis Blight</a>	None <i>Botrytis cinerea</i>	Dane



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<b>HERBACEOUS ORNAMENTALS (Continued)</b>			
Peony	Virus Disease	Unspecified virus	Marathon
Petunia	<a href="#">Root/Crown Rot</a>	<i>Phytophthora</i> sp., <i>Rhizoctonia</i> sp., <i>Fusarium</i> sp.	Waukesha
<b>NEEDED WOODY ORNAMENTALS</b>			
Arborvitae	Phyllosticta Needle Blight Winter Burn (Suspected)	<i>Phyllosticta</i> sp. None	Sheboygan Sheboygan
Fir (Unspecified)	Broom Rust  <a href="#">Rhizosphaera Needle Cast</a>	<i>Melampsorella caryophyllacearum</i>  <i>Rhizosphaera</i> sp.	Dunn  Dunn
Spruce (Black Hills)	Phomopsis Canker Transplant Shock (Suspected) Water Stress (Suspected)	<i>Phomopsis</i> sp. None None	Waukesha Washington Washington
Spruce (Unspecified)	Water Stress (Suspected)	None	Dane
Yew	Natural Needle Thinning (Suspected) Phyllosticta Needle Blight <a href="#">Root Rot</a>	None <i>Phyllosticta</i> sp. <i>Phytophthora</i> sp., <i>Fusarium</i> sp.	Dane Dane Waukesha
<b>VEGETABLE CROPS</b>			
Potato	Black Leg	<i>Dickeya dianthicola</i> , <i>Pectobacterium atrosepticum</i> , <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> , <i>Pectobacterium parmentieri</i>	Waushara
<b>SPECIALTY CROPS</b>			
Ginseng	Seedling Blight	<i>Pythium</i> sp., <i>Fusarium</i> sp.	Marathon

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](http://pddc.wisc.edu), follow the clinic on Facebook and Twitter @UWPDDC or email [pddc@wisc.edu](mailto:pddc@wisc.edu) to subscribe to the PDDC listserv "UWPDDCLearn".