

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 July 27, 2013 through August 2, 2013.

| PLANT/SAMPLE TYPE | DISEASE/DISORDER | PATHOGEN | COUNTY |
|---------------------------------------|--|--------------------------------|-------------------|
| BROAD-LEAFED WOODY ORNAMENTALS | | | |
| Ash (White) | Verticillium Wilt | <u>Verticillium sp.</u> | Columbia |
| Black Gum | Phomopsis Canker | <u>Phomopsis sp.</u> | Dane |
| Crabapple | Apple Scab | <u>Venturia inaequalis</u> | Green |
| Dogwood (Red-Twigged) | Sphaeropsis Canker | <u>Sphaeropsis sp.</u> | Dane |
| Elm | Dutch Elm Disease | <u>Ophiostoma sp.</u> | Chippewa |
| Hibiscus | Herbicide Damage | None | Green |
| Maple (Japanese) | Nectria Canker | <u>Nectria sp.</u> | Dane |
| | Verticillium Wilt | <u>Verticillium sp.</u> | Milwaukee |
| Maple (Norway) | Chlorosis | None | Door |
| Oak (Bur) | Anthracnose | <u>Discula sp.</u> | Racine |
| | Phyllosticta Leaf Spot | <u>Phyllosticta sp.</u> | Racine |
| | Tubakia Leaf Spot | <u>Tubakia sp.</u> | Racine |
| Oak (Red) | Anthracnose | <u>Discula sp.</u> | Door |
| | Chlorosis | None | Door |
| | Tubakia Leaf Spot | <u>Tubakia sp.</u> | Door |
| Oak (White) | Oak Wilt | <u>Ceratocystis fagacearum</u> | Dane |
| Oak (Unspecified) | Oak Wilt | <u>Ceratocystis fagacearum</u> | Marathon, Rusk |
| Poplar | Cytospora Canker | <u>Cytospora sp.</u> | Racine |
| Serviceberry | Herbicide Damage | None | Ozaukee |
| FORAGE CROPS | | | |
| Alfalfa | Aphanomyces Root Rot | <u>Aphanomyces euteiches</u> | Dane |
| | Crown Rot | <u>Fusarium spp.</u> | Dane, Grant |
| | Pythium Root Rot | <u>Pythium sp.</u> | Dane, Grant |
| | Rhizoctonia Root Rot | <u>Rhizoctonia solani</u> | Dane |

Wisconsin Disease Almanac

| FRUIT CROPS | | | |
|---------------------------------|--|---|---|
| Apple | Root/Crown Rot | <i>Pythium</i> sp., <i>Fusarium</i> sp. | Clark |
| Blueberry | Chlorosis | None | Langlade |
| | Fruit Rot | <i>Colletotrichum gloeosporioides</i> | Langlade |
| | Gray Mold/Botrytis Blight | <i>Botrytis cinerea</i> | Langlade |
| | Phomopsis Canker | <i>Phomopsis</i> sp. | Langlade |
| | Sphaeropsis Canker | <i>Sphaeropsis</i> sp. | Langlade |
| | Water Stress | None | Langlade |
| Pear | Anthracnose | <i>Gloeosporium</i> sp. | Racine |
| | Chemical Toxicity | None | Racine |
| Raspberry | Root/Crown Rot | <i>Phytophthora</i> sp., <i>Pythium</i> sp., <i>Rhizoctonia</i> sp., <i>Fusarium</i> sp. | Jefferson, La Crosse McHenry (IL) |
| HERBACEOUS ORNAMENTALS | | | |
| Hosta | Sunscald/Sunburn | None | Dane |
| Peruvian Lily | Anthracnose | <i>Colletotrichum</i> sp. | Dane |
| | Root Rot | <i>Rhizoctonia solani</i> | Dane |
| NEEDED WOODY ORNAMENTALS | | | |
| Fir (Balsam) | Cytospora Canker | <i>Cytospora</i> sp. | Wood |
| | Rhizosphaera Needle Cast | <i>Rhizosphaera</i> sp. | Wood |
| Juniper | Diplodia Shoot Blight and Canker | <i>Diplodia pinea</i> | Dane |
| Spruce (Blue) | Phomopsis Canker | <i>Phomopsis</i> sp. | Kewaunee |
| | Rhizosphaera Needle Cast | <i>Rhizosphaera</i> sp. | Kewaunee |
| | Spruce Needle Drop | <i>Setomelanomma holmii</i> | Kewaunee |
| VEGETABLES | | | |
| Potato | Late Blight | <i>Phytophthora infestans</i> | Dunn |
| Pumpkin | Bacterial Leaf Spot | <i>Xanthomonas campestris</i> pv. <i>cucurbitae</i> | Grant |
| Tomato | Bacterial Speck | <i>Pseudomonas syringae</i> pv. <i>tomato</i> | Grant |
| | Herbicide Damage | None | Brown |
| | Septoria Leaf Spot | <i>Septoria lycopersici</i> | Grant, Sauk |
| MISCELLANEOUS | | | |
| Giant Ragweed | Root Rot | <i>Pythium</i> sp. | Dane |
| SOIL | | | |
| Soybean Soil | Soybean Cyst | <i>Heterodera glycines</i> | Oconto |

For additional information on plant diseases and their control, visit the PDCC website at pdcc.wisc.edu.