

## 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 June 9, 2018 through June 15, 2018.

| PLANT/SAMPLE TYPE                     | DISEASE/DISORDER                         | PATHOGEN  | COUNTY                 |
|---------------------------------------|--|---|------------------------|
| <b>BROAD LEAFED WOODY ORNAMENTALS</b> |  |   |                        |
| Hawthorn                              | <a href="#">Cedar-Apple Rust</a>         | <u><i>Gymnosporangium</i></u> sp.   | Winneshiek (IA)        |
| Lilac                                 | <a href="#">Phomopsis Canker</a>         | <u><i>Phomopsis</i></u> sp.   | Marathon               |
| Maple (Unspecified)                   | <a href="#">Anthracnose</a>              | <u><i>Discula</i></u> sp.   | Dane, Monroe, Sauk     |
|                                       | <a href="#">Verticillium Wilt</a>        | <u><i>Verticillium</i></u> sp.  | Dane                   |
| Maple ('Autumn Blaze')                | <a href="#">Anthracnose</a>              | <u><i>Discula</i></u> sp.   | Fond du Lac, Monroe    |
| Maple (Japanese)                      | <a href="#">Verticillium Wilt</a>        | <u><i>Verticillium</i></u> sp.  | La Crosse              |
| Pear ('Autumn Blaze')                 | <a href="#">Fire Blight</a>              | <u><i>Erwinia amylovora</i></u>   | Rock                   |
| Pear (Unspecified Ornamental)         | <a href="#">Cytospora Canker</a>         | <u><i>Cytospora</i></u> sp.   | Dane                   |
| <b>FRUIT CROPS</b>                    |  |   |                        |
| Peach                                 | <a href="#">Peach Leaf Curl</a>          | <u><i>Taphrina deformans</i></u>  | Dane                   |
| Strawberry                            | <a href="#">Crown/Root Rot</a>           | <u><i>Phytophthora</i></u> sp.,<br><u><i>Rhizoctonia</i></u> sp.,<br><u><i>Fusarium</i></u> sp. | Walworth, McHenry (IL) |
|                                       | <a href="#">Winter Kill</a>              | None  | Walworth, McHenry (IL) |
| <b>HERBACEOUS ORNAMENTALS</b>         |  |   |                        |
| Hosta                                 | <a href="#">Hosta Virus X</a>            | <u><i>Hosta virus X</i></u>   | Dane                   |
| Jimsonweed                            | <a href="#">Alternaria Leaf Spot</a>     | <u><i>Alternaria crassa</i></u>   | Richland               |
| Peony                                 | <a href="#">Tobacco Rattle</a>           | <u><i>Tobacco rattle virus</i></u>  | Marathon               |
| <b>NEEDED WOODY ORNAMENTALS</b>       |  |   |                        |
| Fir (Balsam)                          | <a href="#">Rhizosphaera Needle Cast</a> | <u><i>Rhizosphaera</i></u> sp.  | Dodge                  |

| <b>NEEDED WOODY<br/>ORNAMENTALS<br/>(Continued)</b> |   |                                |                 |
|---|---|--------------------------------|-----------------|
| Fir (White)   | <i>Phyllosticta</i> Needle Blight       | <i>Phyllosticta</i> sp.        | Dane            |
| Pine (Austrian)                                     | <i>Diplodia</i> Shoot Blight And Canker | <i>Diplodia</i> sp.            | Racine          |
|   | <i>Dothistroma</i> Needle Blight        | <i>Dothistroma pini</i>        | Racine          |
| Pine (Bosnian)                                      | <i>Diplodia</i> Shoot Blight And Canker | <i>Diplodia</i> sp.            | Racine          |
| Pine (Red)  | <i>Diplodia</i> Shoot Blight And Canker | <i>Diplodia</i> sp.            | St. Croix       |
| Pine (White)  | <i>Phomopsis</i> Canker                 | <i>Phomopsis</i> sp.           | Racine          |
| Spruce (Norway)                                     | <i>Rhizosphaera</i> Needle Cast         | <i>Rhizosphaera kalkhoffii</i> | Portage         |
| Spruce (Serbian)                                    | <i>Rhizosphaera</i> Needle Cast         | <i>Rhizosphaera kalkhoffii</i> | Portage         |
| Spruce (White)                                      | Winter Burn                             | None                           | Portage         |
| Spruce (Unspecified)                                | Spruce Needle Drop                      | <i>Setomelanomma holmii</i>    | Stephenson (IL) |
|   | Stigmia Needle Cast                     | <i>Stigmia</i> sp.             | Stephenson (IL) |
| <b>VEGETABLE<br/>CROPS</b>                          |   |                                |                 |
| Cabbage (Red)                                       | Black Rot                               | <i>Xanthomonas campestris</i>  | Dodge           |
| Potato  | Edema                                   | None                           | Dane            |
| Tomato  | <i>Septoria</i> Leaf Spot               | <i>Septoria lycopersici</i>    | Pierce          |

For additional information on plant diseases and their control, visit the PDDC website at [pddc.wisc.edu](http://pddc.wisc.edu). Follow the clinic on Facebook and Twitter @UWPDDC.