

## Plant Diagnostic Clinic Blog

January—April 2016

With the mild winter and warm spring, plant samples were coming in early this year. Since the first of the year, there have been 62 samples. Of these samples, 50 were sent in for plant disease identification, 7 samples for insect identification and 5 samples for plant identification. Please see the tables below for information on what has been diagnosed in the Plant Diagnostic Clinic. Diagnoses marked with an asterisk (\*), have been diagnosed more than one.

### Agronomic crops:

Host	Diagnosis
Alfalfa	Chemical injury
Wheat	Bacterial Streak ( <i>Xanthomonas spp.</i> )*
Wheat	Cold injury
Wheat	Sharp eyespot ( <i>Rhizoctonia cerealis</i> )*
Wheat	Septoria Leaf Blotch ( <i>Septoria tritici</i> )*
Wheat	Leaf Rust ( <i>Puccinia triticinia</i> )*
Wheat	Stripe Rust ( <i>Puccinia striiformis</i> )*
Wheat	Wheat Streak Mosaic Virus*

### Vegetables:

Host	Diagnosis
Cauliflower	Mechanic Injury
Lettuce	Tip Burn
Pepper	Pythium Root Rot ( <i>Pythium spp.</i> )
Tomato	Bacterial Canker ( <i>Clavibacter michiganensis michiganensis</i> )*
Tomato	Early Blight ( <i>Alternaria solani</i> )
Tomato	Rhizoctonia Root Rot ( <i>Rhizoctonia spp.</i> )

### Fruits:

Host	Diagnosis
Blackberry	Anthracoise ( <i>Elsinoe spp.</i> )

**Turf:**

<b>Host</b>	<b>Diagnosis</b>
Bentgrass	Red Leaf Spot ( <i>Drechslera spp.</i> )
Bermudagrass	Bermudagrass decline
Bermudagrass	Bipolaris Leaf Spot ( <i>Bipolaris spp.</i> )
Bermudagrass	Localized Dry Spot
Bermudagrass	Spring Dead Spot ( <i>Ophiosphaerella spp.</i> )
Fescue	Net Blotch ( <i>Helminthosporium spp.</i> )
Zoysiagrass	Large Patch ( <i>Rhizoctonia solani</i> )

**Ornamentals:**

<b>Host</b>	<b>Diagnosis</b>
Arborvitae	Seiridium canker ( <i>Seiridium spp.</i> )
Bamboo	Root Rot ( <i>Phytophthora spp.</i> )
Green Dragon	Jack-in-the-pulpit rust ( <i>Uromyces ari-triphylli</i> )
Boxwood	Volutella Blight ( <i>Volutella buxi</i> )
Eastern White Pine	Pine Thrips
Geranium	Two-spotted spider mites
Holy	Armored scales*
Juniper	Juniper scale
Juniper	Spider Mites*
Juniper	Phomopsis tip blight ( <i>Phomopsis spp.</i> )
Loblolly Pine	Pine Needle Rust ( <i>Coleosporium tussilaginis</i> )
Norway Spruce	Diplodia Tip Blight ( <i>Diplodia sapinea</i> )
Pine	Brown Spot Needle Blight ( <i>Mycosphaerella dearnessii</i> )*
Pine	Pine Needle Scale
Spruce	Needle Cast ( <i>Rhizosphaeria spp.</i> )*
Spruce	Sudden Needle Drop ( <i>Setomelanomma holmii</i> )
Viburnum	Twig Blight ( <i>Botryosphaeria spp.</i> )