

Plant Diagnostic Clinic Blog

May 2016

The month of May started off slow in the PDC, especially during the last bout of cool weather. As temperatures warmed back up, sample submission increased as well. There were 62 samples submitted. Of these 60 were for disease diagnosis and 2 were insect identifications. Below is a summary of the diagnoses by crop type and host. Diagnoses with an asterisk (*) were diagnosed more than once.

Agronomic crops:

Host	Diagnosis
Wheat	Bacterial Leaf Streak * (<i>Xanthomonas spp.</i>)
Wheat	Barley Yellow Dwarf (BYDV)*
Wheat	Septoria Leaf Blotch* (<i>Septoria tritici</i>)
Wheat	Stripe rust * (<i>Puccinia striiformis f. sp. tritici</i>)
Wheat	Leaf Rust * (<i>Puccinia triticina f.sp. tritici</i>)
Corn	Crown rot * (<i>Rhizoctonia spp.</i>)
Corn	Pythium Root * (<i>Pythium spp.</i>)

Vegetables:

Host	Diagnosis
Tomato	Tobacco Mosaic Virus (TMV)
Tomato	White Mold (<i>Sclerotinia sclerotiorum</i>)

Fruits:

Host	Diagnosis
Watermelon	Pythium Root (<i>Pythium spp.</i>)
Cherry	Brown Rot (<i>Monilia spp.</i>)

Turf:

Host	Diagnosis
Bentgrass	Pythium Root (<i>Pythium spp.</i>)

Ornamentals:

Host	Diagnosis
Ash	Anthracoze
Eastern White Pine	Pine Bark Adelgid (<i>Pineus strobe</i>)
<i>Acorus gramineus</i>	Pythium Root (<i>Pythium spp.</i>)
Juniper	Phomopsis Tip blight (<i>Phomopsis spp.</i>)
Red Oak	Leafhopper damage
Spruce	Rhizosphaera Needle Cast (<i>Rhizosphaera spp.</i>)
Spruce	Spruce spider mite * (<i>Oligonychus ununguis</i>)
Spruce	Stigmata Needle Blight (<i>Stigmata lautii</i>)
Spruce	Sudden needle drop (<i>Setomelanomma holmii</i>)
Tulips	Bulb Mite (<i>Rhizoglyphus spp.</i>)