

## Plant Diagnostic Clinic Blog

### October—December 2015

There were 40 samples submitted to the Plant Diagnostic Clinic from October 1<sup>st</sup> through December 31<sup>st</sup>. With the warm December weather, the last plant sample was submitted on 12/23/15!!! Of the 40 samples, 32 were submitted for disease diagnosis, 7 for insect ID and 1 plant ID.

The list of problems diagnosed are in the tables below. Diagnoses with an asterisk (\*) were diagnosed more than once.

#### Agronomic crops:

Host	Diagnosis
Corn	Pythium root rot ( <i>Pythium spp.</i> ) Sample from greenhouse
Soybean	Anthrachnose ( <i>Colletotrichum truncatum</i> )
Soybean	Cercospora leaf spot ( <i>Cercospora spp.</i> )
Soybean	Charcoal rot ( <i>Macrophomina phaseolina</i> )

#### Vegetables:

Host	Diagnosis
Cucumber	Bacterial soft rot

#### Fruits:

Host	Diagnosis
Strawberry	Powdery mildew ( <i>Podosphaera macularis</i> )
Strawberry	Twospotted spider mite ( <i>Tetranychus urticae</i> )

**Turf:**

Host	Diagnosis
Bentgrass	Basal rot ( <i>Colletotrichum spp.</i> )
Bentgrass	Sheath blight ( <i>Rhizoctonia spp.</i> )
Bentgrass	Take-all ( <i>Gaeumannomyces spp.</i> )

**Ornamentals:**

Host	Diagnosis
Arborvitae	Kabatina tip blight ( <i>Kabatina juniper</i> )
Eastern white pine	Spider mites
Maple	Armored scales
Norway spruce	Spider mites
Norway spruce	Sudden needle drop ( <i>Stomelanomma holmii</i> )
Pin oak	Bacterial leaf scorch* ( <i>Xylella fastidiosa</i> )
Pin oak	Oak wilt ( <i>Ceratocystis fagacearum</i> )
Oak	Powdery mildew
Pine	Brown spot needle blight ( <i>Mycosphaerella dearnessii</i> )
Pine	Pine needle scale ( <i>Chionaspis pinifoliae</i> )
Viburnum	Bacterial blight
White spruce	Pine needle scale ( <i>Chionaspis pinifoliae</i> )
White spruce	Rhizosphaeria needlecast* ( <i>Rhizosphaera kalkhoffii</i> )