

## Plant Diagnostic Clinic Blog

October 2016

With the warm fall temperatures, samples continued to be submitted in October. The clinic processed 38 samples. Of these samples, 37 were for disease diagnosis and 1 was for insect identification. Below are lists of confirmed diseases, diagnosed by plant type. Diagnoses marked with asterisk (\*) were observed more than once.

### Agronomic crops:

Host	Diagnosis
Soybean	Anthracnose stem blight <i>Colletotrichum spp.*</i>
Soybean	Charcoal rot <i>Macrophomina phaseolina*</i>
Soybean	Phomopsis seed decay <i>Phomopsis spp.*</i>
Soybean	Sudden death syndrome <i>Fusarium virguliforme</i>

### Vegetables:

Host	Diagnosis
Eggplant	Anthracnose fruit rot <i>Colletotrichum spp.</i>
Pumpkin	Fusarium stem rot <i>Fusarium spp.*</i>

**Fruits:**

Host	Diagnosis
Grape	Bitter rot <i>Greeneria uvicola</i>

**Turf:**

Host	Diagnosis
Bermudagrass	Take-all patch <i>Gaeumannomyces spp.</i>
Tall Fescue	Gray Leaf spot <i>Pyricularia grisea</i>

**Ornamentals:**

Host	Diagnosis
Blue Spruce	Rhizosphaera needle cast <i>Rhizosphaera spp.</i>
Flowering Cherry	Root and crown rot <i>Phytophthora spp.</i>
Juniper	Root rot <i>Phytophthora spp.</i>
Juniper	Phomopsis tip blight <i>Phomopsis juniperovora</i>
Juniper	Spider mites
Oak	Bacterial leaf scorch <i>Xylella fastidiosa</i>
Oak	Powdery mildew <i>Erysiphe (oidium) alphitoides</i>
Yew	Root rot <i>Phytophthora spp.</i>