

Plant Diagnostic Clinic Blog

September 2016

For the month of September we processed 51 samples. Of these samples, 50 were submitted for disease diagnosis. One plant sample was submitted for weed identification.

Below are lists of the diseases diagnosed by plant type (host). Diagnoses marked with asterisk (*) were observed more than once.

Agronomic crops:

Host	Diagnosis
Alfalfa	Summer Black stem <i>Cercospora medicaginis</i>
Corn	Anthraxnose stalk rot* <i>Colletotrichum graminicola</i>
Corn	Cladosporium black head mold <i>Cladosporium spp.</i>
Corn	Mold* <i>Trichoderma spp.</i>
Corn	Diplodia ear rot* <i>Stenocarpella spp.</i>
Corn	Penicillium ear rot* <i>Penicillium spp.</i>
Soybean	Anthraxnose stem blight* <i>Colletotrichum spp.</i>
Soybean	Stem canker <i>Diaporthe spp.</i>
Soybean	Charcoal rot* <i>Macrophomina phaseolina</i>

Vegetables:

Host	Diagnosis
Pepper	Fusarium root rot <i>Fusarium oxysporum</i>
Pepper	Pythium root and crown rot <i>Pythium spp.</i>

Fruits:

Host	Diagnosis
Blueberry	Die back and leaf spot <i>Phomopsis vaccinii</i>
Blueberry	Crown and root rot <i>Phytophthora spp.</i>
Cantaloupe	Alternaria leaf blight <i>Alternaria cucumerina</i>

Turf:

Host	Diagnosis
Bentgrass	Anthracoze basal rot * <i>Colletotrichum spp.</i>
Bentgrass	Pythium root rot <i>Pythium spp.</i>
Fescue	Anthracoze <i>Colletotrichum spp.</i>
Fescues	Leaf rust <i>Puccinia spp.</i>
Zoysia grass	Crown and sheath rot* <i>Gaeumannomyces graminis</i>
Zoysia grass	Large patch* <i>Rhizoctonia solani</i>

Ornamentals:

Host	Diagnosis
Arborvitae	Arborvitae needle blight <i>Phyllosticta thujae</i>
Arborvitae	Pestalotiopsis needle blight <i>Pestalotiopsis spp.</i>
Arborvitae	Soft Scales
Cedar	Phomopsis dieback <i>Phomopsis spp.</i>
Colorado Blue Spruce	Rhizosphaera needle cast <i>Rhizosphaera spp.</i>
Crepe myrtle	Aphids & sooty mold
Elm	Black spot* <i>Stegophora ulmea</i>
Oak	Bacterial leaf scorch* <i>Xylella fastidiosa</i>
Oak	Leaf spot* <i>Tubakia spp.</i>
Oak	Oak wilt* <i>Ceratocystis fagacearum</i>
Spruce	Phomopsis dieback <i>Phomopsis spp.</i>
Weeping Cherry	Crown and root rot <i>Phytophthora spp.</i>