

## Plant Diagnostic Clinic Blog

January - July 2018

Below are representatives of sample submissions and highlights of plant diseases diagnosed at the University of Missouri Plant Diagnostic Clinic. Diagnosis marked with asterisk (\*) were observed more than once.

### Agronomic crops:

Host	Diagnosis
Wild Corn	Crazy top disease ( <i>Sclerophthora macrospora</i> )
Corn	Genetic disorder
Corn	Herbicide damage*
Corn	Nutrient deficiency*
Corn	Fusarium root rot ( <i>Fusarium</i> spp.)
Corn	Northern Leaf Blight ( <i>Exserohilum turcicum</i> )
Soybean	Fusarium root rot ( <i>Fusarium</i> spp.)
Soybean	Herbicide/Fusarium wilt ( <i>Fusarium oxysporum</i> )
Soybean	Fusarium wilt ( <i>Fusarium oxysporum</i> )
Soybean	Nutrient deficiency

### Vegetables:

Host	Diagnosis
Tomato	Abiotic disorder*
Tomato	Herbicide damage*
Tomato	Alternaria leaf spot ( <i>Alternaria</i> spp.)
Potato	Herbicide damage*
Okra	Herbicide injury

**Fruits:**

<b>Host</b>	<b>Diagnosis</b>
Blueberry	Pythium root rot ( <i>Pythium</i> spp.)
Blueberry	Phytophthora root rot ( <i>Phytophthora</i> spp.)
Raspberry	Leaf spot ( <i>Sphaerulina Rubi</i> )

**Turf:**

<b>Host</b>	<b>Diagnosis</b>
Poa	Abiotic disorder
Penn Cross Bent grass	Abiotic disorder
Turfgrass (Mixed Species)	Pythium root rot ( <i>Pythium</i> spp.)
Zoysia	Winter injury
Ophiopogon Chingii	Pythium root rot* ( <i>Pythium</i> spp.)
Green Bent Grass	Pythium root rot ( <i>Pythium</i> spp.)
Bentgrass	Pythium (Crown rot) * ( <i>Pythium</i> spp.)
Pencross	Winter injury
Bentgrass	Abiotic disorder*
Bent/Poa	Pythium root rot ( <i>Pythium</i> spp.)

**Ornamentals:**

<b>Host</b>	<b>Diagnosis</b>
Holly	Winter injury*
Juniper	Winter injury
Norway Spruce	Winter injury*
Boxwood	Winter injury*
Green Giant Arborvitae	Winter injury
Green Velvet Boxwood	Volutella leaf blight ( <i>Volutella buxi</i> )
Star Magnolia	Magnolia scale ( <i>Neolecanium cornuparvum</i> )
Magnolia	Herbicide injury
Blue Spruce	Abiotic disorder
Pin Oak	Herbicide damage
Japanese Yew	Winter injury*
Privet	Environmental stress
Taxus x media	Phytophthora root rot ( <i>Phytophthora</i> spp.)
Serviceberry	Environmental stress
Hydrangea	Phytophthora root rot ( <i>Phytophthora</i> spp.)
Pine tree	Winter injury
Burning Bush	Chemical stress