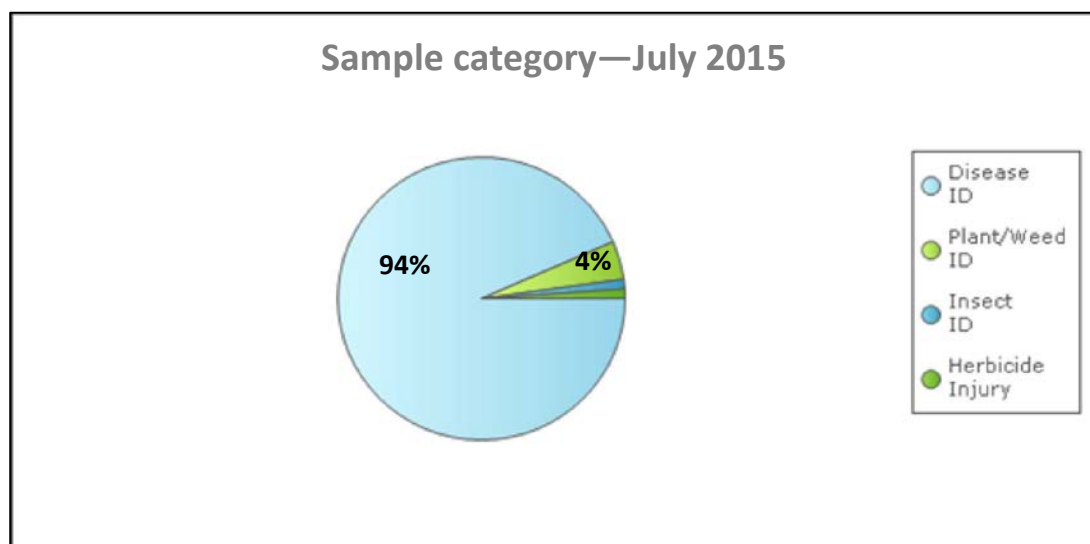


## Plant Diagnostic Clinic Blog

July 2015

There were a total of 86 samples submitted, most for disease identification.



Below is a list of what has been diagnosed in the clinic during the month of July. Diagnoses marked with an asterisk (\*) have been diagnosed more than once. Not listed are the many environmental issues that have been diagnosed due to rain. These disorders range from nutrient imbalances to physiological decline.

### Agronomic crops:

Host	Diagnosis
Alfalfa	Crown and Root Rot Complex
Corn	Corn Gray Leaf Spot ( <i>Cercospora zea-maydis</i> )*
Corn	Holcus Spot ( <i>Pseudomonas syringae</i> )*
Corn	Northern Corn Leaf Blight ( <i>Exserohilum turcicum</i> )*
Corn	Physoderma Brown Spot ( <i>Physoderma maydis</i> )
Corn	Southern Corn Rust ( <i>Puccinia polysora</i> )*
Corn	Disease Lesion Mimic*
Soybean	Herbicide Injury
Soybean	Phytophthora Stem Rot ( <i>Phytophthora spp.</i> )
Soybean	Pythium Root and/or Crown Rot ( <i>Pythium spp.</i> )*
Soybean	Rhizoctonia Crown Rot ( <i>Rhizoctonia spp.</i> )

## Vegetables:

Host	Diagnosis
Garlic	Bacterial Soft Rot ( <i>Erwinia spp.</i> )
Tomato	Brown root rot ( <i>Colletotrichum coccodes</i> )
Tomato	Early Blight ( <i>Alternaria solani</i> )*
Tomato	Onion Thrips (Thrips tabaci)
Tomato	Septoria Leaf Spot ( <i>Septoria spp.</i> )*
Zucchini	Cucurbit Bacterial Wilt

## Fruits:

Host	Diagnosis
Cantaloupe	Alternaria Leaf Blight ( <i>Alternaria spp.</i> )*
Grape	Grape Downy Mildew ( <i>Plasmopara viticola</i> )*
Grape	Leaf Spot ( <i>Pestalotiopsis (Pestalotia) spp.</i> )
Peach	San Jose Scale (SJS) ( <i>Diaspidiotus perniciosus</i> )
Peach	Scab ( <i>Cladosporium spp.</i> )
Watermelon	Alternaria Leaf Spot ( <i>Alternaria spp.</i> )*
Watermelon	Cercospora Leaf Spot ( <i>Cercospora spp.</i> )
Watermelon	Phytophthora Fruit Rot ( <i>Phytophthora spp.</i> )

## Turf:

Host	Diagnosis
Bentgrass	Anthracnose Basal Rot ( <i>Collectotrichum spp.</i> )*
Bentgrass	Black Layer of Turfgrass
Bentgrass	Fairy Ring*
Bentgrass	Summer Patch ( <i>Magnaporthiopsis poae</i> )*
Bentgrass	Pythium Root Rot ( <i>Pythium spp.</i> )*
Bentgrass	Take-all ( <i>Gaeumannomyces spp.</i> )*
Bentgrass	Bacterial Decline*
Fescue, Bluegrass, mixed turf	Brown Patch ( <i>Rhizoctonia spp.</i> )*

**Ornamentals:**

<b>Host</b>	<b>Diagnosis</b>
White Pine	Bark Beetles
Oak	Armored Scales
Oak	Herbicide Injury; Exposure *
Oak	Horned Oak Gall Wasp ( <i>Callirhytis cornigera</i> )
Oak	Foliar Insect Galls
Pin Oak	Bacterial Leaf Scorch ( <i>Xylella fastidiosa</i> )
Pin Oak	Oak Wilt ( <i>Ceratocystis fagacearum</i> )
Pine	Brown Spot Needle Blight ( <i>Mycosphaerella dearnessii</i> )
Blue Spruce	Rhizosphaera Needle Cast ( <i>Rhizosphaera spp.</i> )*