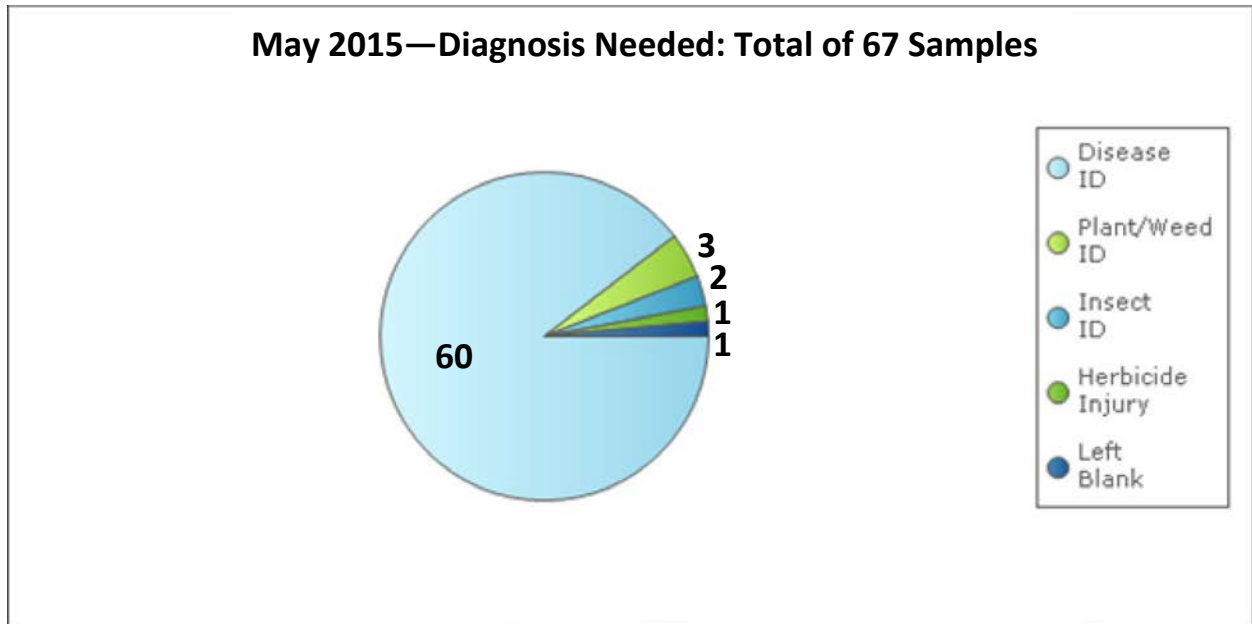


Plant Diagnostic Clinic Blog

May 2015

The month of May has been busy, despite the rainy weather. We received a total of 67 samples, most for disease diagnosis. The chart below shows the breakdown of services requested. The one sample that was 'left blank' is a mystery we are still trying to solve.



The following tables show the diagnoses made, those marked with an asterisk (*) were diagnosed multiple times.

Agronomic crops:

Host	Diagnosis
Corn	<i>Pythium</i> root and crown rot*
Corn	Soil compaction
Soybean	Herbicide injury*
Soybean	<i>Phyllosticta</i> leaf spot
Soybean	<i>Pythium</i> root rot / damping off
Wheat	Herbicide injury
Wheat	Loose smut (<i>Ustilago tritici</i>)

Wheat	Bacterial Leaf Streak (<i>Xanthomonas spp.</i>)*
Wheat	<i>Septoria triticia</i> blotch
Wheat	Sharp eyespot (<i>Rhizoctonia cerealis</i>)
Wheat	Stripe rust (<i>Puccinia striiformis</i>)

Vegetables:

Host	Diagnosis
Broccoli	Black spot (<i>Alternaria spp.</i>)
Cabbage	Black spot (<i>Alternaria spp.</i>)
Kale	Black spot (<i>Alternaria spp.</i>)
Napa cabbage	Black spot (<i>Alternaria spp.</i>)
Onion	Herbicide injury
Green pepper	Abiotic disorder—Fertilizer burn
Tomato	Abiotic disorder—mechanical injury
Zucchini	Unidentified virus

Fruits:

Host	Diagnosis
Apple	Fire blight (<i>Erwinia amylovora</i>)
Blackberry	Herbicide injury
Grape	Crown gall (<i>Agrobacterium vitis</i>)
Pear	Fire blight (<i>Erwinia amylovora</i>)
Watermelon	<i>Alternaria</i> leaf blight
Watermelon	Anthracoise (<i>Colletotrichum orbiculare</i>)

Turf:

Host	Diagnosis
Bentgrass	Algae
Bentgrass	Take-all (<i>Gaeumannomyces spp.</i>)
Kentucky bluegrass	Summer patch (<i>Magnaporthe poae</i>)
Kentucky bluegrass	Grub damage

Ornamentals:

Host	Diagnosis
Burning bush	Herbicide injury
Burning bush	White rot (<i>Ceriporiopsis spp.</i>)
Douglas fir	<i>Diplodia</i> tip blight
Douglas fir	<i>Phomopsis</i> dieback
Dwarf Albert spruce	<i>Adelges spp.</i> (wooly aphid)
English ivy	Anthracoise (<i>Colletotrichum spp.</i>)
Flowering quince	Nutrient imbalance (soil pH)
Geranium	Gray mold (<i>Botrytis cinerea</i>)
Geranium	Nutrient imbalance
Juniper	<i>Seiridium</i> canker
Juniper	Cedar bark beetle damage
Juniper	<i>Phomopsis</i> tip blight
Maple	<i>Armillaria</i> root rot
Maple	Termites
Oak	<i>Botryosphaeria</i> canker and dieback
Peony	Nutrient imbalance (soil pH)
Phlox	Anthracoise (<i>Colletotrichum spp.</i>)
Rose	<i>Alternaria</i> leaf spot
Rose	Anthracoise (<i>Colletotrichum spp.</i>)
Rose	Powdery mildew
Scotch Pine	Brown-spot needle blight (<i>Mycosphaerella dearnessii</i>)
Weeping cherry	Herbicide injury
Weeping cherry	<i>Botryosphaeria</i> dieback
Weeping cherry	Winter injury—death above graft union
Yew	Herbicide injury
Yew	Mealybugs
Yew	Winter injury