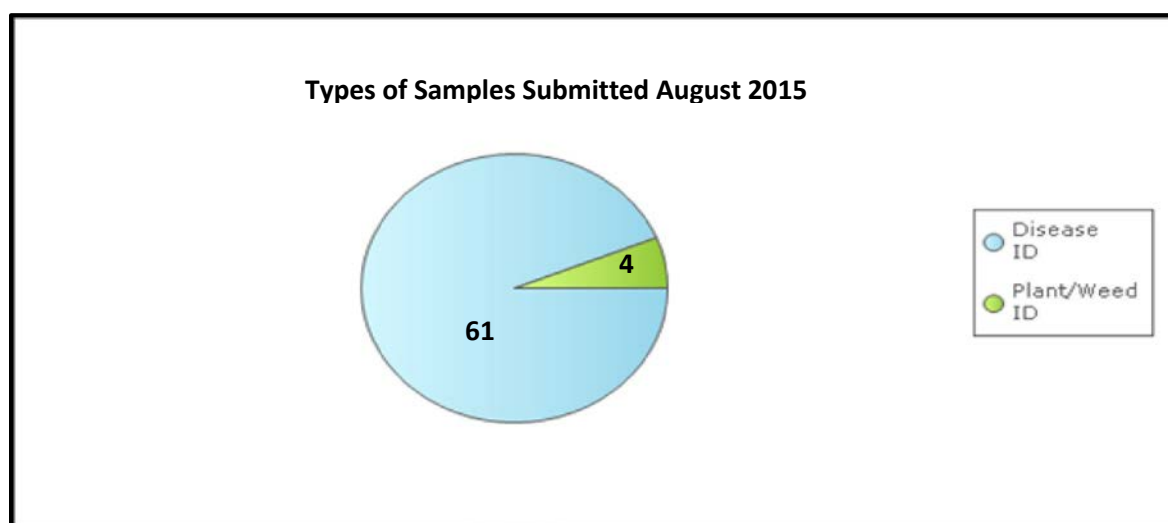


## Plant Diagnostic Clinic Blog

August 2015

The Clinic processed 65 samples during the month of August. Most of these samples were for disease diagnosis, but we had a few weed identifications as well (See graph below). The number of samples is quite lower than last year, 91. This is most likely due to the excessive amount of rainfall we had this summer. The hot, dry weather of August helped get some plants back on track. After a long wait, my children are finally picking the cherry tomatoes from the seeds they started in spring. The list of diseases and disorders diagnosed are in the tables below. Diagnoses with an asterisk (\*) were diagnosed more than once.



### Agronomic crops:

Host	Diagnosis
Corn	Gray Leaf Spot ( <i>Cercospora zea-maydis</i> )*
Corn	Corn Rootworm ( <i>Diabrotica spp.</i> )
Corn	Northern Corn Leaf Blight ( <i>Exserohilum turcicum</i> )*
Soybean	Chemical Injury (Abiotic Disorder)*
Soybean	Frogeye Leaf Spot ( <i>Cercospora sojina</i> )*
Soybean	Soybean Sudden Death Syndrome ( <i>Fusarium virguliforme</i> )

## Vegetables:

Host	Diagnosis
Bell Pepper	<i>Alternaria</i> Leaf Spot
Bell Pepper	Bacterial Leaf Spot ( <i>Xanthomonas spp.</i> )
Tomato	Early Blight ( <i>Alternaria solani</i> )*
Tomato	Lesion Nematodes ( <i>Practylenchus spp.</i> )
Tomato	Root-knot Nematodes ( <i>Meloidogyne spp.</i> )*

## Fruits:

Host	Diagnosis
Grape	Bitter Rot ( <i>Greeneria uvicola</i> )
Grape	<i>Phomopsis</i> Rachis Rot
Pear	Pear Stony Pit
Watermelon	<i>Alternaria</i> Leaf Spot ( <i>Alternaria spp.</i> )*
Watermelon	Bacterial Fruit Blotch ( <i>Acidovorax avenae citrulli</i> )
Watermelon	<i>Cercospora</i> Leaf Spot ( <i>Cercospora spp.</i> )*
Watermelon	Cucurbit Gummy Stem Blight ( <i>Didymella bryoniae</i> )
Watermelon	<i>Fusarium</i> Fruit Rot ( <i>Fusarium spp.</i> )
Watermelon	<i>Phytophthora</i> Fruit Rot ( <i>Phytophthora spp.</i> )*

## Turf:

Host	Diagnosis
Bentgrass	Algae / Physiological Decline*
Bentgrass	Black Layer *
Bentgrass	Summer Patch ( <i>Magnaporthiopsis poae</i> )*
Bentgrass	<i>Pythium</i> Root Rot *
Bentgrass	Localized dry spot
Turfgrass	Bacterial Decline*
Bluegrass	Brown Patch ( <i>Rhizoctonia spp.</i> ) *
Bluegrass	Gray Leaf Spot ( <i>Pyricularia grisea</i> )

## Ornamentals:

Host	Diagnosis
English Ivy	Deer Damage
Ash	Ash Flower Gall Mite ( <i>Eriophyes fraxiniflora</i> )
Juniper	<i>Seiridium</i> Canker*

Ash	Ash Decline Complex (unidentified agent)
Ash	<i>Mycosphaerella</i> Leaf Spot *
Birch	Anthracnose
Elm	Alcohol flux
Dogwood	Anthracnose ( <i>Discula destructiva</i> )
Maple	Anthracnose*
Maple	Herbicide Injury
Oak	Bark Beetles*
Oak	<i>Hypoxylon</i> Canker
Oak	<i>Tubakia</i> Leaf Spot *
Privet	<i>Armillaria</i> Root Rot
Juniper	Juniper Scale ( <i>Carulaspis juniper</i> )