

## Plant Diagnostic Clinic Blog

May-August 2019

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

### Agronomic crops:

Host	Diagnosis
Wheat	Septoria tritici blotch
Wheat	Rust
Wheat	Fusarium root rot
Soybean	Insufficient Sample
Soybean	Herbicide*
Soybean	Fusarium root rot*
Soybean	Phytophthora Stem Rot
Soybean	Charcoal Rot
Soybean	Nutrient deficiency*
Corn	Bacterial Leaf Streak*
Corn	Herbicide Injury*
Corn	Fusarium root rot*
Corn	Common rust,
Corn	Disease mimic
Corn	Northern corn leaf blight*
Corn	Diplodia leaf spot
Corn	Southern Rust
Corn	Anthraco nose Leaf Blight
Sorghum	Herbicide Damage
Red clover	Herbicide

White clover	Fusarium root rot
White clover	Aphid
Foxtail	Physiological Response

**Vegetables:**

<b>Host</b>	<b>Diagnosis</b>
Pepper	Herbicide Injury
Tomato	Herbicide Injury*
Tomato	Fusarium wilt*
Tomato	Potato aphids
Tomato	Rhizoctonia root rot*
Pepper	Broad Mite
Garlic	Physiological response
Green Bean	Alternaria Fruit Rot
Cucumber	Hollow Heart
Kale	Thrips
Turnips	Insect Damage

**Fruits:**

<b>Host</b>	<b>Diagnosis</b>
Melon	Alternaria leaf blight
Watermelon	Fusarium root rot
Watermelon	Herbicide damage
Grapes	Bitter rot
Grapes	Suspected Chemical Damage
Blueberry	Phytophthora*
Apple	Chemical injury*

Apple	Sooty mold
apple	Cedar Apple Rust*
apple	Powdery Mildew*
Elderberry	Abiotic

**Turf:**

Host	Diagnosis
Bermudagrass	<i>Magnaporthe poae</i>
Bentgrass	Dollar spot
Zoysia	Winter injury
Zoysia	Large patch
Zoysia	Abiotic
Bentgrass	Sting nematode
Fescue	Pythium root rot
Bentgrass/Bluegrass	Phytotoxicity*
Bluegrass	Summer patch*
Bentgrass	Abiotic*
Bentgrass	Summer patch*
Bentgrass	Pythium root rot
Bentgrass	Anthraco nose
Bentgrass	Lance nematode*
Creeping Bentgrass	Summer patch,

**Ornamentals:**

<b>Host</b>	<b>Diagnosis</b>
Columbine	Herbicide Injury
Impatiens	Herbicide Injury
Magnolia	Herbicide damage
Magnolia	Leaf spot ( <i>Alternaria</i> spp.)
Ash	Anthracoze
Chestnut	Chestnut blight
White Oak	Oak decline
White Oak	Jumping oak gall
White oak	Tubakia leaf spot*
White oak	Herbicide damage*
White Oak	Anthracoze*
White Oak	Abiotic (Root damage)
Willow oak	Unidentified leaf spot
Red Oak	Tubakia leaf Spot*
Swamp oak	Button oak gall
Viburnum	Botryosphaeria spp.
Loblolly x Pitch Pine	Abiotic
Hollyhock	Hollyhock Rust
American Elm	Dutch Elm
American elm	Bacterial Leaf Scorch
Dappled Willow	Pot Bound

Bradford Pear	Cedar Rust
Bradford pear	Unidentified leaf spot
Bradford pear	Unknown
Crabapple	Abiotic (High soil moisture)
Mulberry	Popcorn Disease
Weeping Cherry	Abiotic (moisture stress)
Sweetgum	Herbicide Damage
Rhododendron	Phytophthora root rot
Zinnia	Nutrient Deficiency
sumac	Phytophthora root rot*
Dogwood	Abiotic (Moisture stress)
Norway Spruce	Sudden Needle Drop of Spruce
Eastern Red Cedar	Abiotic (Moisture stress)
Arborvitae	Abiotic
Juniper	Winter Injury
Juniper	Kabatina twig blight
Cypress	Abiotic
Austrian pine	Dothistroma needle blight
Eastern redbud	Insect damage
Chrysanthemum	Fusarium Wilt
Chrysanthemum	Herbicide injury
Hickory	Herbicide damage

Hickory	Black leaf spot
Red Maple	Abiotic (Stem girdling)
Red Maple	Abiotic (Failure to Establish)
Sugar maple	Abiotic (Lightning damage)
Sugar Maple	Abiotic (High soil moisture)
Japanese Maple	Abiotic (High soil Moisture)
Tulip poplar	Verticillium wilt

#### Insects

Common name	Scientific name
Potato aphids	<i>Macrosiphum euphorbiae</i>
True armyworm	<i>Mythimna unipuncta</i>
Sawfly	Undetermined
Itch mite	<i>Pyemotes</i> spp.
Bed bugs	<i>Cimex lectularius</i>
Beetle larvae	<i>Coleoptera</i> spp.
Moth larvae	<i>Lepidoptera</i> spp.

#### Weed/Plant ID

Common name	Scientific name
Bamboo	<i>Poaceae</i>
Hedge mustard	<i>Sisymbrium officinale</i>
Cynobacteria	<i>Nostoc</i> spp.
Slender Pondweed	<i>Potamogeton pusillus</i>
Japanese Clover	<i>Kummerowia striata</i>
Corn speedwell	<i>Veronica arvensis</i>