

Plant Diagnostic Clinic Blog

June-October 2018

Below are lists of the diseases, disorders and pest diagnosed by plant type and weed identification. Diagnoses marked with asterisk (*) were observed more than once.

Agronomic crops:

Host	Diagnosis
Alfalfa	Fusarium wilt
Corn	Abiotic stress
Corn	Gray leaf spot
Corn	Nutrient deficiency
Corn	Unidentified saprophyte
Corn	Stalk rot*
Soybean	Alternaria leaf blight
Soybeans	Anthrachnose stem blight*
Soybean	Charcoal rot*
Soybean	Diaporthe complex*
Soybean	Frogeye
Soybean	Fusarium root rot
Soybean	Fusarium wilt*
Soybean	Green stem
Soybean	Herbicide damage*
Soybean	Nutrient deficiency
Soybean	Sudden death syndrome* (<i>Fusarium virguliforme</i>)

Vegetables:

Host	Diagnosis
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Cucumber	Anthraco nose leaf spot (<i>Colletotrichum orbiculare</i>)
Cabbage	Bacterial soft rot (<i>Pectobacterium carotovorum</i>)
Green beans	Herbicide injury
Pumpkin	Fusarium fruit rot
Sugar Rush Peach Pepper	Alternaria fruit rot
Tomato	Herbicide Damage*
Tomato	Fusarium wilt
Tomato	Early blight*
Tomato	Phytophthora root rot
Tomato	Septoria Leaf Spot

Fruits:

Host	Diagnosis
Apple	Alternaria fruit rot*
Apple	Black Rot
Apple	Bitter Pit*
Apple	Lenticel breakdown
Blueberry	Bacterial Leaf Scorch
Blueberry	Botryosphaeria stem canker
Blueberry	Phytophthora root rot*
Cantaloupe	Cercospora leaf spot (<i>Cercospora citrullina</i>)
Crabapple	Frogeye leaf spot

Grape	Unidentified agent
Grapevine	Leaf blight
Raspberry	Phytophthora root rot

Turf:

Host	Diagnosis
Bentgrass	Pythium root rot (<i>Pythium</i> spp.)
Bentgrass	Black Layer
Fescue	Brown patch* (<i>Rhizoctonia solani</i>)
Fescue	Anthracnose (<i>Colletotrichum cereale</i>)
Fescue	Melting out (<i>Dreschlera poae</i>)
Fescue	Gray leaf spot (<i>Pyricularia grisea</i>)
Kentucky Bluegrass	Black Layer
Kentucky Bluegrass	Leaf Spot (<i>Dreschlera poae</i>)
Zoysia	Chinch Bug
Zoysia	Abiotic Stress
Orchard Grass	Anthracnose (<i>Colletotrichum cereale</i>)

Ornamentals:

Host	Diagnosis
Blue Spruce	Phomopsis blight (<i>Phomopsis</i> spp.)
Boxwood	Physiological Disorder*
Burning Bush	Environmental Stress
Carex Flacca	Anthracoze (<i>Colletotrichum</i> spp.)
Chrysanthemum	Phytophthora root rot (<i>Phytophthora</i> spp.)
Dahlia	Physiological disorder
Daylily	Bacterial Soft Rot (<i>Pectobacterium carotovorum</i>)
Dusty Miller	Verticillium wilt (<i>Verticillium</i> spp.)
Fragrant Sumac	Anthracoze leaf spot
Juniper	Botryosphaeria dieback (<i>Botryosphaeria stevensii</i>)
Japanese Maple	Insect Damage
Japanese Maple	Anthracoze leaf spot
Lavender	Anthracoze stem blight (<i>Colletotrichum</i> spp.)
Oak	Bacterial leaf scorch* (<i>Xylella fastidiosa</i>)
Oak	Oak Decline*
Oak	Tubakia leaf blight* (<i>Tubakia dryina</i>)
Oak	Drought stress*
Oak	Hypoxylon canker (<i>Hypoxylon atropunctatum</i>)
Pin Oak	Oak Decline

Purple Beech	Environmental Stress
Sedum	Bacterial leaf spot
Snapdragon	Verticillium wilt (<i>Verticillium</i> spp.)
White Oak	Jumping Gall

Insects:

Japanese Lilac	Spider Mites
Pumpkin	Melon aphid (<i>Aphis gossypi</i>)
Household	Cockroach
Oak	Oak lace bug
Household	Tenebrio molitor
Chokeberry	Lace bug eggs secretion
Household	Assassin bug

Weed ID:

showy rattlebox: <i>Crotalaria spectabilis</i>
Smooth Crabgrass: <i>Digitaria ischaemum</i>
Ground ivy: <i>Glechoma hederacea</i>