

Choose the year for the report: 2005

**Diseases by Host:**

**Number of In State Samples in the year 2005 entered : 645**

**Angel\*s-trumpet(Datura inoxia)**

- No Disease ( Abiotic Problem ) - ( 1 )

**Apple(Malus x domestica)**

- Crown Gall (Agrobacterium tumefaciens) - ( 1 )
- Hairy Root (Agrobacterium rhizogenes) - ( 1 )
- Pestalotiopsis leaf spot (Pestalotiopsis sp.) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )

**Arborvitae(Thuja sp.)**

- Needle Blight (Cercospora sp.) - ( 1 )
- Macrophoma Blight (Macrophoma sp.) - ( 1 )
- Pestalotiopsis leaf spot (Pestalotiopsis sp.) - ( 1 )

**Ash(Fraxinus sp.)**

- Anthracnose (Discula sp.) - ( 1 )

**Azalea(Rhododendron sp.)**

- Rust (Chrysomyxa sp.) - ( 1 )
- Sooty Mold (Septobasidium sp.) - ( 1 )
- Exobasidium Leaf Gall (Exobasidium sp.) - ( 1 )
- Lichens ( ) - ( 1 )
- Cercospora Leaf Spot (Cercospora sp.) - ( 1 )
- Pestalotiopsis leaf spot (Pestalotiopsis sp.) - ( 1 )
- Cold Injury Suspected ( Abiotic Problem ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 6 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )
- Inadequate Information ( Abiotic Problem ) - ( 2 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )

**Bahiagrass(Paspalum notatum)**

- Dollar Spot (Sclerotinia homoeocarpa) - ( 1 )

**Baldcypress(Taxodium sp.)**

- No Disease ( Abiotic Problem ) - ( 1 )

**Bean(Phaseolus sp.)**

- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Bean, Butter(*Phaseolus lunatus*)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Bean, Green(*Phaseolus vulgaris*)**

- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 1 )

### **Bean, Lima(*Phaseolus limensis*)**

- Anthracnose (*Colletotrichum truncatum*) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )
- No *Phakopsora* sp. sporulation ( Abiotic Problem ) - ( 1 )

### **Beech, American(*Fagus grandifolia*)**

- Sooty Mold (*Scorias spongiosa*) - ( 1 )

### **Bentgrass(*Agrostis* sp.)**

- Anthracnose (*Colletotrichum graminicola*) - ( 1 )
- Anthracnose (*Colletotrichum* sp.) - ( 1 )
- Pythium Root Rot (*Pythium* sp.) - ( 1 )

### **Bentgrass (PennCross)(*Agrostis palustris*)**

- Anthracnose (*Colletotrichum graminicola*) - ( 1 )

### **Bermudagrass(*Cynodon dactylon*)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Bermudagrass(*Cynodon dactylon*)**

- Spring Dead Spot (*Ophiosphaerella* sp.) - ( 1 )
- Helminthosporium Leaf Spot (*Helminthosporium*- like fungi) - ( 1 )
- Pythium Root Rot (*Pythium* sp.) - ( 1 )
- Bipolaris Leaf Spot (*Bipolaris* sp.) - ( 3 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Bermudagrass(*Cynodon dactylon*)**

- Dollar Spot (*Sclerotinia homoeocarpa*) - ( 5 )
- Helminthosporium Leaf Spot (*Helminthosporium*- like fungi) - ( 2 )
- Anthracnose (*Colletotrichum graminicola*) - ( 2 )
- Bermudagrass (*Cynodon*) Rust (*Puccinia cynodontis*) - ( 2 )
- Helminthosporium Leaf Spot (*Bipolaris* sp.) - ( 3 )
- Bipolaris Leaf Spot (*Bipolaris* sp.) - ( 1 )
- Exserohilum Leaf Spot (*Exserohilum* sp.) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Bermudagrass(*Cynodon dactylon*)**

- Helminthosporium Leaf Spot (Helminthosporium- like fungi) - ( 1 )
- Bipolaris Leaf Spot (Bipolaris sp.) - ( 1 )

### **Bermudagrass (Tifgreen 328)(Cynodon dactylon)**

- Helminthosporium Leaf Spot (Helminthosporium- like fungi) - ( 1 )
- Bermudagrass Decline (Gaeumannomyces graminis) - ( 1 )

### **Black-eyed Susan(Rudbeckia hirta)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Blackberry(Rubus sp.)**

- Blotch (Cercospora rubi) - ( 1 )
- Cold Injury Suspected ( Abiotic Problem ) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 1 )
- Cane Blight, Undetermined ( Abiotic Problem ) - ( 1 )
- Undetermined Injury ( Abiotic Problem ) - ( 1 )

### **Blueberry(Vaccinium sp.)**

- Cercospora Leaf Spot (Cercospora sp.) - ( 1 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )

### **Boxwood, English(Buxus microphylla)**

- Undetermined ( Abiotic Problem ) - ( 1 )

### **Camellia(Camellia japonica)**

- Pestalotiopsis leaf spot (Pestalotiopsis sp.) - ( 1 )
- Mottle Virus ( ) - ( 1 )
- Anthracnose (Colletotrichum sp.) - ( 1 )
- Macrophoma Canker (Macrophoma sp.) - ( 1 )

### **Camellia(Camellia sasanqua)**

- Leaf Gall (Exobasidium camelliae) - ( 2 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Camellia(Camellia japonica)**

- Leaf Gall (Exobasidium camelliae) - ( 1 )
- Anthracnose (Colletotrichum acutatum) - ( 1 )

### **Catalpa(Catalpa sp.)**

- Anthracnose (Phyllosticta catalpae) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )
- Planted Too Deep ( Abiotic Problem ) - ( 1 )

### **Centipedegrass(Eremochloa ophiuroides)**

- Brown Patch (Rhizoctonia sp.) - ( 1 )

- Brown Patch (*Rhizoctonia solani*) - ( 11 )
- Helminthosporium Leaf Spot (*Helminthosporium*- like fungi) - ( 2 )
- Anthracnose (*Colletotrichum* sp.) - ( 1 )
- Dollar Spot (*Sclerotinia homoeocarpa*) - ( 2 )
- Take-all (*Gaeumannomyces graminis*) - ( 3 )
- Anthracnose (*Colletotrichum graminicola*) - ( 3 )
- Helminthosporium Leaf Spot (*Helminthosporium* sp.) - ( 1 )
- Anthracnose Crown Rot (*Colletotrichum* sp.) - ( 2 )
- No Disease ( Abiotic Problem ) - ( 6 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )
- Cultural Problem ( Abiotic Problem ) - ( 1 )
- Fertilizer Injury Suspected ( Abiotic Problem ) - ( 1 )
- Chemical Injury ( Abiotic Problem ) - ( 1 )

### **Cherry, Ornamental(*Prunus* sp.)**

- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )

### **Cherrybark Oak(*Quercus falcata* var. *pagodif*)**

- Undetermined Injury ( Abiotic Problem ) - ( 1 )

### **Cherrylaurel(*Prunus laurocerasus*)**

- Cultural Problem ( Abiotic Problem ) - ( 1 )

### **Chrysanthemum(*Dendranthema x grandiflorum*)**

- Phytophthora Root Rot (*Phytophthora* sp.) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 1 )

### **Clethra(*Clethra* sp.)**

- Cercospora Leaf Spot (*Cercospora* sp.) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Clover(*Trifolium* sp)**

- Rust (*Uromyces* sp.) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 1 )

### **Coleus(*Coleus x hybridus*)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Coneflower(*Rudbeckia* sp.)**

- Fusarium Root/Crown Rot (*Fusarium* sp.) - ( 1 )

### **Corn(*Zea mays*)**

- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Corn, Sweet(*Zea mays*)**

- Common Smut (*Ustilago zeae*) - ( 1 )
- Nutritional Problem Suspected ( Abiotic Problem ) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )

### **Cotton(*Gossypium* sp.)**

- Verticillium Wilt (*Verticillium* sp.) - ( 1 )
- Fusarium Root/Stem Rot (*Fusarium* sp.) - ( 1 )
- Fusarium Wilt (*Fusarium oxysporum*) - ( 1 )
- Leaf Spot (*Stemphylium* sp.) - ( 3 )
- Alternaria Leaf Spot (*Alternaria macrospora*) - ( 1 )
- Alternaria Leaf Spot (*Alternaria* sp.) - ( 1 )
- Stemphylium Leaf Blight (*Stemphylium* sp.) - ( 1 )
- Environmental Problem ( Abiotic Problem ) - ( 1 )
- Physical Sample Required ( Abiotic Problem ) - ( 1 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 4 )
- Undetermined Injury ( Abiotic Problem ) - ( 1 )

### **Cowpea(*Vigna unguiculata*)**

- Anthracnose (*Colletotrichum* sp.) - ( 1 )
- Anthracnose (*Colletotrichum lindemuthianum*) - ( 1 )
- Cercospora Leaf Spot (*Cercospora* sp.) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )
- No *Phakopsora* sp. sporulation ( Abiotic Problem ) - ( 2 )

### **Crabapple(*Malus* sp.)**

- Cedar-apple Rust (*Gymnosporangium juniperi-virginianae*) - ( 1 )

### **Crape Myrtle(*Lagerstroemia indica*)**

- Inadequate Sample ( Abiotic Problem ) - ( 2 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **creeping-Jennie(*Lysimachia nummularia*)**

- Fusarium Blight (*Fusarium* sp.) - ( 1 )

### **Daylily(*Hemerocallis* sp.)**

- Daylily Rust (*Puccinia hemerocallidis*) - ( 1 )
- Leaf Streak (*Aureobasidium microstictum*) - ( 1 )

### **Dogwood(*Cornus florida*)**

- Spot Anthracnose (*Elsinoe corni*) - ( 1 )
- Powdery Mildew (*Oidium* sp.) - ( 1 )
- Root bound ( Abiotic Problem ) - ( 2 )
- Drought Suspected ( Abiotic Problem ) - ( 1 )

### **Dogwood, Undetermined(*Cornus* sp.)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Eastern Arborvitae(*Thuja occidentalis*)**

- Needle Blight (*Cercospora* sp.) - ( 1 )

### **Elaeagnus(*Elaeagnus* sp.)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Euonymus(*Euonymus* sp.)**

- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )

### **Fescue(*Festuca* sp.)**

- Endophyte (*Acremonium coenophialum*) - ( 3 )
- Dollar Spot (*Sclerotinia homoeocarpa*) - ( 1 )

### **Fig, Common(*Ficus carica*)**

- Lichens ( ) - ( 2 )
- Canker, Undetermined ( Abiotic Problem ) - ( 1 )

### **Foster Holly(*Ilex x attenuata*)**

- Anthracnose (*Colletotrichum* sp.) - ( 1 )

### **Fringetree(*Chionanthus virginicus*)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Gardenia(*Gardenia jasminoides*)**

- Crown Gall (*Agrobacterium tumefaciens*) - ( 1 )
- Anthracnose (*Colletotrichum* sp.) - ( 1 )
- Sooty Mold (*Septobasidium* sp.) - ( 1 )
- Cold Injury Suspected ( Abiotic Problem ) - ( 1 )

### **Grape(*Vitis* sp.)**

- Anthracnose (*Colletotrichum* sp.) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 2 )
- Physical Sample Required ( Abiotic Problem ) - ( 1 )

### **Grape, Muscadine(*Vitis rotundifolia*)**

- Angular Leaf Spot (*Mycosphaerella angulata*) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Hawthorn(*Crataegus* sp.)**

- Quince Rust (*Gymnosporangium clavipes*) - ( 1 )
- Sphaeropsis Leaf Spot (*Sphaeropsis* sp.) - ( 1 )

### **Hawthorn, Indian(*Raphiolepis indica*)**

- Entomosporium Leaf Spot (*Entomosporium* sp.) - ( 2 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Holly(*Ilex* sp.)**

- Fusarium Root/Crown Rot (*Fusarium* sp.) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 2 )

### **Holly, Hybrid(*Ilex* sp.)**

- Pestalotiopsis leaf spot (*Pestalotiopsis* sp.) - ( 1 )
- Anthracnose (*Colletotrichum* sp.) - ( 1 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )

### **Holly, Japanese(*Ilex* )**

- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Hollyhock(*Alcea rosea*)**

- Rust (*Puccinia malvacearum*) - ( 1 )

### **Hosta(*Hosta* sp.)**

- Anthracnose (*Colletotrichum* sp.) - ( 1 )
- Southern Blight (*Sclerotium rolfsii*) - ( 1 )

### **Household/industrial( )**

- Unknown ( Abiotic Problem ) - ( 1 )

### **Hydrangea(*Hydrangea* sp.)**

- Inadequate Sample ( Abiotic Problem ) - ( 1 )
- Physical Sample Required ( Abiotic Problem ) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 1 )

### **Hydrangea, French(*Hydrangea macrophylla*)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Hydrangea, Oak Leaf(*Hydrangea quercifolia*)**

- Cercospora Leaf Spot (*Cercospora* sp.) - ( 2 )
- No Disease ( Abiotic Problem ) - ( 4 )

### **Impatiens(*Impatiens* sp.)**

- Undetermined ( Abiotic Problem ) - ( 2 )

### **Iris(*Iris* sp.)**

- Iris Rust (*Puccinia iridis*) - ( 2 )
- Rhizoctonia Root/Stem Rot (*Rhizoctonia solani*) - ( 1 )

### **Ivy, English(*Hedera helix*)**

- Anthracnose (*Colletotrichum* sp.) - ( 2 )
- Bacterial Leaf Spot (*Xanthomonas campestris*) - ( 4 )
- Macrophoma Leaf Spot (*Macrophoma* sp.) - ( 1 )
- Phyllosticta Leaf Spot (*Phyllosticta* sp.) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Japanese Cleyera(*Cleyera japonica*)**

- Entomosporium Leaf Spot (*Entomosporium* sp.) - ( 1 )
- Cercospora Leaf Spot (*Cercospora* sp.) - ( 1 )
- Root Dysfunction Suspected ( Abiotic Problem ) - ( 2 )

### **Jasmine(*Jasminum* sp.)**

- Cold Injury Suspected ( Abiotic Problem ) - ( 1 )

### **Jasmine, Asiatic(*Trachelospermum asiaticum*)**

- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Jasmine, Confederate(*Trachelospermum jasminoides*)**

- Mushroom Root Rot (*Armillaria tabescens*) - ( 1 )

### **Juniper(*Juniperus* sp.)**

- Needle Blight (*Cercospora sequoiae*) - ( 1 )
- Pythium Root Rot (*Pythium* sp.) - ( 1 )

### **Kudzu(*Pueraria lobata*)**

- Halo Blight (*Pseudomonas syringae* pv. *phaseolicola*) - ( 3 )
- Angular Leaf Spot (*Pseudocercospora puerariicola*) - ( 1 )
- No *Phakopsora* sp. sporulation ( Abiotic Problem ) - ( 9 )

### **Lantana(*Lantana* sp.)**

- No Disease ( Abiotic Problem ) - ( 2 )

### **Leyland Cypress(*Cupressocyparis leylandii*)**

- Needle Blight (*Cercospora sequoiae*) - ( 5 )
- Macrophoma Blight (*Macrophoma* sp.) - ( 1 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )
- Resinosis, Undetermined ( Abiotic Problem ) - ( 1 )

### **Liriope(*Liriope* sp.)**

- Anthracnose (*Colletotrichum* sp.) - ( 3 )

### **Loquat(*Eriobotrya japonica*)**

- Anthracnose (*Colletotrichum* sp.) - ( 1 )

### **Loropetalum(Loropetalum chinense)**

- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Magnolia(Magnolia sp.)**

- Powdery Mildew (Microsphaera sp.) - ( 1 )

### **Magnolia, Fraser(Magnolia fraseri)**

- Algal Leaf Spot (Cephaleuros sp.) - ( 1 )

### **Magnolia, Saucer(Magnolia x soulangiana)**

- Normal Plant Part ( Abiotic Problem ) - ( 1 )

### **Magnolia, Southern(Magnolia grandiflora)**

- Algal Leaf Spot (Cephaleuros sp.) - ( 2 )
- Cold Injury Suspected ( Abiotic Problem ) - ( 1 )
- Physical Sample Required ( Abiotic Problem ) - ( 1 )

### **Maple(Acer sp.)**

- Anthracnose (Gloeosporium sp.) - ( 1 )
- Anthracnose (Kabatiella apocrypta) - ( 2 )
- Tar Spot (Rhytisma sp.) - ( 1 )

### **Maple, Japanese(Acer palmatum)**

- Anthracnose (Discula sp.) - ( 1 )
- Phyllosticta Leaf Spot (Phyllosticta minima) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 2 )

### **Maple, Sugar(Acer saccharum)**

- Anthracnose (Discula sp.) - ( 1 )
- Cladosporium Leaf Spot (Cladosporium sp.) - ( 1 )
- Root Dysfunction Suspected ( Abiotic Problem ) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )

### **Milkweed(Asclepias sp.)**

- Rust (Puccinia sp.) - ( 1 )

### **Miscellaneous(n/a n/a)**

- Unknown ( Abiotic Problem ) - ( 1 )

### **Mondo Grass(Ophiopogon japonicus)**

- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Multiple Hosts, Vegetable(Gen. sp.)**

- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )

## **Mustard(*Brassica juncea*)**

- Anthracnose (*Colletotrichum higginsianum*) - ( 1 )

## **Oak(*Quercus* sp.)**

- Sphaeropsis Canker (*Sphaeropsis* sp.) - ( 1 )
- Biscogniauxia (*Hypoxylon*) Canker (*Biscogniauxia atropunctata*) - ( 2 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 2 )

## **Oak, Live(*Quercus virginiana*)**

- Anthracnose (*Discula quercina*) - ( 1 )
- Anthracnose (*Gloeosporium* sp.) - ( 1 )
- Wood Rot Fungus (*Ganoderma lucidum*) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 2 )

## **Oak, Pin(*Quercus palustris*)**

- Heat Stress ( Abiotic Problem ) - ( 1 )

## **Oak, Post(*Quercus stellata*)**

- Anthracnose (*Discula quercina*) - ( 2 )
- Excess Water ( Abiotic Problem ) - ( 1 )

## **Oak, Red(*Quercus rubra*)**

- Anthracnose (*Discula quercina*) - ( 1 )
- Bacterial Scorch (*Xylella fastidiosa*) - ( 2 )

## **Oak, Sawtooth(*Quercus acutissima*)**

- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )

## **Oak, Water(*Quercus nigra*)**

- Anthracnose (*Discula quercina*) - ( 1 )
- Leaf Blister (*Taphrina* sp.) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 2 )

## **Oak, White(*Quercus alba*)**

- Anthracnose (*Apiognomonia* sp.) - ( 1 )
- Leaf Blister (*Taphrina caerulescens*) - ( 1 )

## **Oak, Willow(*Quercus phellos*)**

- Biscogniauxia (*Hypoxylon*) Canker (*Biscogniauxia atropunctata*) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )

## **Okra(*Abelmoschus esculentus*)**

- Nutritional Problem ( Abiotic Problem ) - ( 1 )

### **Orange, Undetermined(Gen. sp.)**

- Physical Sample Required ( Abiotic Problem ) - ( 1 )

### **Ornamental, Woody(Gen. sp.)**

- Anthracnose (Colletotrichum gloeosporioides) - ( 1 )
- Cold Injury Suspected ( Abiotic Problem ) - ( 1 )

### **Osmanthus(Osmanthus sp.)**

- Cercospora Leaf Spot (Cercospora sp.) - ( 1 )

### **Pak-choi(Brassica rapa)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Palm, Cabbage(Sabal palmetto)**

- Graphiola Leaf Spot (Graphiola phoenicis) - ( 1 )
- Pestalotiopsis leaf spot (Pestalotiopsis sp.) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Pasture( )**

- Helminthosporium Leaf Spot (Drechslera sp.) - ( 1 )

### **Peach(Prunus persica)**

- Anthracnose (Gloeosporium sp.) - ( 1 )
- Root Dysfunction Suspected ( Abiotic Problem ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Peanut(Arachis hypogaea)**

- Anthracnose (Colletotrichum truncatum) - ( 1 )
- Phyllosticta Leaf Spot (Phyllosticta sp.) - ( 1 )
- Fusarium Pod Rot (Fusarium sp.) - ( 2 )
- Anthracnose (Colletotrichum dematium) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 2 )

### **Pear(Pyrus communis)**

- Fire Blight (Erwinia amylovora) - ( 1 )
- Cork Spot ( Abiotic Problem ) - ( 1 )

### **Pear, Ornamental(Pyrus calleryana)**

- Fire Blight (Erwinia amylovora) - ( 1 )
- Rust (Gymnosporangium sp.) - ( 1 )
- Anthracnose (Colletotrichum sp.) - ( 1 )
- Girdling Root ( Abiotic Problem ) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )
- Undetermined Injury ( Abiotic Problem ) - ( 1 )

### **Pecan(*Carya illinoensis*)**

- Anthracnose (*Glomerella* sp.) - ( 1 )
- Lichens ( ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Pepper(*Capsicum* sp.)**

- No Disease ( Abiotic Problem ) - ( 2 )
- Undetermined ( Abiotic Problem ) - ( 1 )

### **Periwinkle, Large(*Vinca major*)**

- Nutritional Problem Suspected ( Abiotic Problem ) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Periwinkle, Madagascar(*Catharanthus roseus*)**

- Fusarium Root Rot (*Fusarium oxysporum*) - ( 1 )
- Fusarium Stem Rot (*Fusarium oxysporum*) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )

### **Persimmon, Japanese(*Diospyros kaki*)**

- Sooty Blotch (*Gloeodes pomigena*) - ( 1 )
- Fly Speck (*Schizothyrium pomi*) - ( 1 )

### **Photinia(*Photinia x fraseri*)**

- Entomosporium Leaf Spot (*Entomosporium mespili*) - ( 1 )

### **Pieris, Japanese(*Pieris japonica*)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Pine(*Pinus* sp.)**

- Water Injury ( Abiotic Problem ) - ( 1 )

### **Pine, Loblolly(*Pinus taeda*)**

- Pitch Canker (*Fusarium moniliforme*) - ( 2 )
- Physical Sample Required ( Abiotic Problem ) - ( 1 )

### **Pistache, Chinese(*Pistacia chinensis*)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Plum(*Prunus* sp.)**

- Bacterial Canker (*Pseudomonas syringae*) - ( 1 )
- Black Knot (*Apiosporina morbosa*) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Poplar, Yellow(Liriodendron tulipifera)**

- Anthracnose (Colletotrichum sp.) - ( 1 )
- Sooty Mold (Septobasidium sp.) - ( 1 )

### **Privet(Ligustrum sp.)**

- Cercospora Leaf Spot (Cercospora sp.) - ( 1 )

### **Privet, Waxleaf(Ligustrum lucidum)**

- Wood Rot Fungus (Polyporus sp.) - ( 1 )
- Root Dysfunction Suspected ( Abiotic Problem ) - ( 1 )

### **Pumpkin(Cucurbita sp.)**

- Fusarium Fruit Rot (Fusarium sp.) - ( 1 )

### **Quince, Flowering(Chaenomeles speciosa)**

- Entomosporium Leaf Spot (Entomosporium sp.) - ( 1 )

### **Redbud(Cercis canadensis)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Redcedar, Eastern(Juniperus virginiana)**

- Quince Rust (Gymnosporangium clavipes) - ( 2 )
- Cedar-apple Rust (Gymnosporangium juniperi-virginianae) - ( 1 )

### **Rose(Rosa sp.)**

- Gloeosporium Canker (Gloeosporium sp.) - ( 1 )
- Cane blight canker of rose (Fusicoccum sp.) - ( 1 )
- Spot Anthracnose (Sphaceloma rosarum) - ( 1 )
- Rose Rosette (Undetermined Virus ) - ( 1 )
- Anthracnose (Colletotrichum sp.) - ( 1 )
- Black Spot (Diplocarpon rosae) - ( 1 )
- Mushroom Root Rot (Armillaria sp.) - ( 1 )
- Cladosporium Bud Blight (Cladosporium sp.) - ( 1 )
- Fusarium Flower Blight (Fusarium sp.) - ( 1 )
- Gloeosporium Leaf Spot (Gloeosporium sp.) - ( 1 )
- Crown Gall (Agrobacterium tumefaciens) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 2 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )

### **Ryegrass(Lolium sp.)**

- Bipolaris Leaf Spot (Bipolaris sp.) - ( 1 )
- Curvularia Leaf Spot (Curvularia sp.) - ( 1 )
- Nutritional Problem Suspected ( Abiotic Problem ) - ( 2 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )

### **Sky Pencil Holly(Ilex crenata)**

- Root bound ( Abiotic Problem ) - ( 1 )

### **Soybean(*Glycine max*)**

- Brown Spot (*Septoria glycines*) - ( 5 )
- Southern Stem Rot (*Sclerotium rolfsii*) - ( 1 )
- Phytophthora Root/Stem Rot (*Phytophthora sojae*) - ( 1 )
- Charcoal Rot Suspected (*Macrophomina phaseolina*) - ( 1 )
- Anthracnose (*Colletotrichum sp.*) - ( 2 )
- Bacterial Blight (*Pseudomonas savastanoi pv. glycinea*) - ( 4 )
- Charcoal Rot (*Macrophomina phaseolina*) - ( 4 )
- Sudden Death Syndrome Suspected (*Fusarium solani f.sp. glycines*) - ( 2 )
- Downy Mildew (*Peronospora manshurica*) - ( 2 )
- Asian Soybean Rust (*Phakopsora pachyrhizi*) - ( 3 )
- Bacterial Pustule (*Xanthomonas campestris (glyc)*) - ( 2 )
- Fusarium Rot (*Fusarium spp.*) - ( 1 )
- Frogeye Leaf Spot (*Cercospora sojina*) - ( 2 )
- Anthracnose (*Colletotrichum gloeosporioides*) - ( 1 )
- Cercospora Blight (*Cercospora kikuchii*) - ( 5 )
- Anthracnose (*Colletotrichum truncatum*) - ( 1 )
- No *Phakopsora sp.* sporulation ( Abiotic Problem ) - ( 76 )
- Canker, Undetermined ( Abiotic Problem ) - ( 1 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 6 )
- No Disease ( Abiotic Problem ) - ( 8 )
- Physical Sample Required ( Abiotic Problem ) - ( 1 )
- Physiological Problem ( Abiotic Problem ) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 2 )
- Root Dysfunction Suspected ( Abiotic Problem ) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )
- Environmental Problem ( Abiotic Problem ) - ( 1 )

### **Spathiphyllum(*Spathiphyllum sp.*)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Spirea(*Spiraea sp.*)**

- Rhizoctonia Root/Stem Rot (*Rhizoctonia sp.*) - ( 1 )

### **St. Augustinegrass(*Stenotaphrum secundatum*)**

- Take-all (*Gaeumannomyces sp.*) - ( 1 )
- Take-all (*Gaeumannomyces graminis*) - ( 19 )
- Brown Patch (*Rhizoctonia solani*) - ( 6 )
- Gray Leaf Spot (*Pyricularia grisea*) - ( 11 )
- Anthracnose (*Colletotrichum sp.*) - ( 1 )
- Helminthosporium Leaf Spot (*Helminthosporium sp.*) - ( 1 )
- Helminthosporium Leaf Spot (*Helminthosporium- like fungi*) - ( 1 )
- Helminthosporium Leaf Spot (*Bipolaris sp.*) - ( 5 )
- Curvularia Leaf Spot (*Curvularia sp.*) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 2 )
- Chemical Injury ( Abiotic Problem ) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 3 )
- Cultural Problem ( Abiotic Problem ) - ( 2 )
- Physical Sample Required ( Abiotic Problem ) - ( 2 )

### **Sunflower(*Helianthus* sp.)**

- Excess Water ( Abiotic Problem ) - ( 1 )

### **Sweetpotato(*Ipomoea batatas*)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Sycamore(*Platanus occidentalis*)**

- Anthracnose (*Discula platani*) - ( 2 )
- Wood Rot Fungus (*Hypoxylon* sp.) - ( 1 )

### **Tea Olive(*Osmanthus fragrans*)**

- Anthracnose (*Colletotrichum* sp.) - ( 1 )

### **Tomato(*Lycopersicon esculentum*)**

- White Mold (*Sclerotinia sclerotiorum*) - ( 1 )
- Early Blight (*Alternaria solani*) - ( 3 )
- Tomato Spotted Wilt (Tomato Spotted Wilt virus) - ( 4 )
- Buckeye Rot (*Phytophthora nicotianae* [=parasitica]) - ( 2 )
- Fusarium Wilt (*Fusarium oxysporum*) - ( 1 )
- Septoria Leaf Spot (*Septoria lycopersici*) - ( 1 )
- Pith Necrosis (*Pseudomonas corrugata*) - ( 1 )
- Nematodes, Root Knot (*Meloidogyne* sp.) - ( 1 )
- Pseudomonas Leaf Spot (*Pseudomonas* sp.) - ( 1 )
- Nutritional Problem Suspected ( Abiotic Problem ) - ( 1 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )
- Edema Suspected ( Abiotic Problem ) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 5 )
- Chemical Injury ( Abiotic Problem ) - ( 2 )
- No Disease ( Abiotic Problem ) - ( 5 )
- Undetermined Injury ( Abiotic Problem ) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 2 )
- Nutritional Problem ( Abiotic Problem ) - ( 2 )

### **Tree(*Gen. sp.*)**

- Lichens ( ) - ( 1 )
- Undetermined ( Abiotic Problem ) - ( 2 )

### **Turnip(*Brassica rapa*)**

- Anthracnose (*Colletotrichum higginsianum*) - ( 1 )
- Nutritional Problem Suspected ( Abiotic Problem ) - ( 1 )

### **Umbrella Tree(*Schefflera* sp.)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Unknown( )**

- Powdery Mildew (*Oidium* sp.) - ( 1 )

- No Disease ( Abiotic Problem ) - ( 2 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Verbena(Verbena sp.)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Vetch(Vicia sp.)**

- No Phakopsora sp. sporulation ( Abiotic Problem ) - ( 1 )

### **Viburnum(Viburnum sp.)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Violet(Viola sp.)**

- Black Root Rot (Thielaviopsis basicola) - ( 2 )
- No Disease ( Abiotic Problem ) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )

### **Watermelon(Citrullus lanatus)**

- Fusarium Wilt (Fusarium oxysporum (niveum)) - ( 1 )
- Fusarium Wilt (Fusarium sp.) - ( 1 )
- Gummy Stem Blight (Phoma cucurbitacearum) - ( 1 )
- No Disease ( Abiotic Problem ) - ( 1 )
- Cultural/Environmental Problem ( Abiotic Problem ) - ( 1 )

### **Wax Myrtle(Myrica cerifera)**

- Anthracnose (Colletotrichum sp.) - ( 1 )

### **Wheat(Triticum aestivum)**

- Stripe Rust (Puccinia striiformis) - ( 1 )

### **White Clover(Trifolium repens)**

- Rust (Uromyces sp.) - ( 1 )
- No Phakopsora sp. sporulation ( Abiotic Problem ) - ( 2 )
- No Disease ( Abiotic Problem ) - ( 1 )

### **Yaupon(Ilex vomitoria)**

- No Disease ( Abiotic Problem ) - ( 1 )

### **Zinnia(Zinnia sp.)**

- Alternaria Leaf Spot (Alternaria sp.) - ( 1 )

### **Zoysiagrass(Zoysia japonica)**

- Physical Sample Required ( Abiotic Problem ) - ( 1 )
- Chemical Injury Suspected ( Abiotic Problem ) - ( 1 )
- Undetermined Injury ( Abiotic Problem ) - ( 1 )

### **Zoysiagrass(*Zoysia japonica*)**

- Dollar Spot (*Sclerotinia homoeocarpa*) - ( 1 )

### **Zoysiagrass(*Zoysia japonica*)**

- Dollar Spot (*Sclerotinia homoeocarpa*) - ( 2 )
- Brown Patch (*Rhizoctonia solani*) - ( 1 )
- Rust (*Puccinia* sp.) - ( 1 )
- Helminthosporium Leaf Spot (*Helminthosporium*- like fungi) - ( 3 )
- Anthracnose (*Colletotrichum* sp.) - ( 1 )
- Curvularia Leaf Spot (*Curvularia* sp.) - ( 1 )
- Rust (*Puccinia zoysiae*) - ( 1 )
- Inadequate Sample ( Abiotic Problem ) - ( 1 )
- Environmental/nutritional Problem ( Abiotic Problem ) - ( 1 )

### **Zucchini(*Cucurbita pepo*)**

- Gummy Stem Blight (*Didymella bryoniae*) - ( 1 )