

2007 Plant Pathology Report

Diseases by Host:
Number of In State Samples in the year 2007 entered : 726

Angel Flower(*Angelonia* sp.) (1)

- Nutritional Problem

Angel*s-trumpet(*Datura inoxia*) (1)

- Chemical Injury Suspected

Annual Wormwood(*Artemisia annua*) (1)

- Nutritional Problem Suspected
- Insect Injury Suspected (Aphids)

Apple(*Malus x domestica*) (6)

- Phytophthora Root Rot (*Phytophthora* sp.) - (1)
- Phytophthora Root/Crown Rot (*Phytophthora* sp.) - (1)
- Burr Knot (Abiotic Problem) - (1)
- Insect Injury Suspected (scale) - (1)
- Drought Suspected (1)
- Inadequate Sample (1)

Aucuba(*Aucuba japonica*)

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

Autumn Olive(*Elaeagnus umbellata*)

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

Azalea(*Rhododendron* sp.)

- Cercospora Leaf Spot (*Cercospora* sp.) - (1)
- Leaf Spot (*Phytophthora* sp.) - (1)
- Phytophthora Blight (*Phytophthora* sp.) - (1)
- No Disease () - (1)
- Mycosphaerella Leaf Spot (*Mycosphaerella* sp.) - (1)
- Environmental/nutritional Problem (Abiotic Problem) - (1)
- Undetermined Injury (Abiotic Problem) - (2)
- Environmental Problem (Abiotic Problem) - (1)

- No Disease (Abiotic Problem) - (3)
- Drought Suspected (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (4)
- Cultural/Environmental Problem (Abiotic Problem) - (1)

Baldcypress(Taxodium sp.)

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

Banana Shrub(Michelia figo)

- Cultural/Environmental Problem (Abiotic Problem) - (1)
- Inadequate Sample (Abiotic Problem) - (1)
- Problem Lower Down (Abiotic Problem) - (2)
- No Disease (Abiotic Problem) - (1)

Bay, Red(Persea borbonia)

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

Beach Naupaka(Scaevola sp.)

- Iron Chlorosis (Abiotic Problem) - (1)

Bean, Green(Phaseolus vulgaris)

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

Begonia(Begonia sp.)

- Cultural/Environmental Problem (Abiotic Problem) - (1)
- Chemical Injury Suspected (Abiotic Problem) - (1)

Bentgrass(Agrostis sp.)

- Nematodes, Ring (Criconemella sp.) - (12)
- Leptosphaerulina Leaf Spot (Leptosphaerulina sp.) - (5)
- Pythium Root Rot (Pythium sp.) - (1)
- Undetermined Injury (Abiotic Problem) - (1)
- Inadequate Sample (Abiotic Problem) - (3)

Bermudagrass(Cynodon dactylon)

- Bipolaris Leaf Spot (Bipolaris sp.) - (2)

Bermudagrass(Cynodon dactylon)

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

Bermudagrass(*Cynodon dactylon*)

- Bipolaris Leaf Spot (*Bipolaris* sp.) - (1)

Bermudagrass(*Cynodon dactylon*)

- Nematodes, Sting (*Belonolaimus* sp.) - (3)
- Nematodes, Lance (*Hoplolaimus* sp.) - (1)
- Bipolaris Leaf Spot Suspected (*Bipolaris* sp.) - (2)
- No Disease (Abiotic Problem) - (6)
- Excess Thatch (Abiotic Problem) - (1)
- Environmental Problem (Abiotic Problem) - (1)

Bermudagrass(*Cynodon dactylon*)

- Helminthosporium Leaf Spot (*Bipolaris* sp.) - (2)
- Dollar Spot (*Sclerotinia homoeocarpa*) - (1)
- Bipolaris Leaf Spot (*Bipolaris* sp.) - (1)
- No Disease (Abiotic Problem) - (1)

Bermudagrass(*Cynodon dactylon*)

- No Disease (Abiotic Problem) - (2)

Bermudagrass(*Cynodon dactylon*)

- Slime Mold () - (1)
- Dollar Spot (*Sclerotinia homoeocarpa*) - (2)
- Bipolaris Leaf Spot (*Bipolaris* sp.) - (1)

Bermudagrass(*Cynodon dactylon*)

- Bipolaris Leaf Spot (*Bipolaris* sp.) - (1)

Bermudagrass (Tifgreen 328)(*Cynodon dactylon*)

- Helminthosporium Leaf Spot (*Bipolaris cynodontis*) - (3)
- Nematodes, Root Knot (*Meloidogyne* sp.) - (1)
- Dollar Spot (*Sclerotinia homoeocarpa*) - (1)
- Bipolaris Leaf Spot Suspected (*Bipolaris* sp.) - (1)

Birch, River(*Betula nigra*)

- No Disease (Abiotic Problem) - (1)

Blanket Crabgrass(*Digitaria serotina*)

- Normal Senescence (Abiotic Problem) - (1)

Blueberry, Rabbit-eye(*Vaccinium ashei*)

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

Boxwood(*Buxus sp.*)

- Macrophoma Leaf Spot (*Macrophoma sp.*) - (1)
- Volutella Leaf Blight and Stem Canker (*Volutella buxi*) - (2)

Boxwood, Common(*Buxus sempervirens*)

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

Broad-leaf Signal Grass(*Brachiaria platyphylla*)

- Pyricularia Leaf Spot (*Pyricularia sp.*) - (1)

Burford Holly(*Ilex cornuta*)

- Insect Injury Suspected (Abiotic Problem) - (1)
- Undetermined Injury (Abiotic Problem) - (1)

Cabbage(*Brassica oleracea*)

- Pepper Spot (Abiotic Problem) - (1)

Cactus, Cholla(*Opuntia sp.*)

- Bacterial Soft Rot (*Erwinia carotovora*) - (1)

Camellia(*Camellia japonica*)

- No Disease (Abiotic Problem) - (28)
- Insect Injury Suspected (Abiotic Problem) - (1)

Camellia(*Camellia sasanqua*)

- Pythium Root Rot (*Pythium sp.*) - (1)
- Transplant Stress (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)
- Drought Suspected (Abiotic Problem) - (1)

Camellia(Camellia japonica)

- Saprophytic Fungus (Pestalotiopsis sp.) - (1)
- Anthracnose (Colletotrichum sp.) - (1)
- Macrophoma Leaf Spot (Macrophoma sp.) - (1)
- Cold Injury Suspected (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (2)
- Insect Injury Suspected (Abiotic Problem) - (1)

Canary Island date palm(Phoenix canariensis)

- Saprophytic Fungus (Colletotrichum gloeosporioides) - (1)
- Environmental/nutritional Problem (Abiotic Problem) - (1)

Canola(Brassica napus)

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

Cantaloupe(Cucumis melo)

Carpetgrass(Axonopus affinis)

- Anthracnose (Colletotrichum graminicola) - (1)
- Brown Patch (Rhizoctonia solani) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Cedar(Cedrus sp.)

- Needle Blight (Cercospora sp.) - (1)
- Inadequate Sample (Abiotic Problem) - (1)
- Inadequate Information (Abiotic Problem) - (1)

Celosia(Celosia cristata)

- Alternaria Leaf Spot (Alternaria gomphrenae) - (2)

Centipedegrass(Eremochloa ophiuroides)

- Take-all (Gaeumannomyces graminis) - (8)
- Brown Patch (Rhizoctonia solani) - (32)
- Anthracnose (Colletotrichum graminicola) - (4)
- Anthracnose Crown Rot (Colletotrichum sp.) - (1)
- Dollar Spot (Sclerotinia homoeocarpa) - (3)
- Anthracnose (Colletotrichum sp.) - (1)
- Chemical Injury Suspected (Abiotic Problem) - (2)
- No Disease (Abiotic Problem) - (4)
- Inadequate Sample (Abiotic Problem) - (6)

- Cultural/Environmental Problem (Abiotic Problem) - (2)
- Undetermined (Abiotic Problem) - (2)

Cherrylaurel, Carolina(*Prunus caroliniana*)

- Leaf Spot (*Phytophthora* sp.) - (1)
- Sudden Oak Death (*Ramorum Blight*) (*Phytophthora ramorum*) - (1)

China fir(*Cunninghamia lanceolata*)

- Environmental Problem (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)
- Normal Leaf (Abiotic Problem) - (1)

Chrysanthemum(*Dendranthema x grandiflorum*)

- Fusarium Stem Rot (*Fusarium oxysporum*) - (1)
- Fusarium Wilt (*Fusarium* sp.) - (1)
- Pythium Root Rot (*Pythium* sp.) - (1)
- Excess Water (Abiotic Problem) - (1)

Citrus(*Citrus* sp.)

- Saprophytic Fungus (*Colletotrichum gloeosporioides*) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Clover(*Trifolium* sp)

- No Disease (Abiotic Problem) - (1)

Coneflower, Undetermined(*Echinacea* sp.)

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

Corn(*Zea mays*)

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

Corn, Sweet(*Zea mays*)

- Ear Rot (*Penicillium* sp.) - (1)
- Fusarium Ear Rot (*Fusarium* sp.) - (1)

Cotton(*Gossypium* sp.)

- Sore Shin (*Rhizoctonia solani*) - (1)
- Alternaria Leaf Spot (*Alternaria* sp.) - (1)
- Gray Leaf Spot (*Stemphylium* sp.) - (1)
- Fusarium Boll Rot (*Fusarium* sp.) - (1)
- Saprophytic Fungus (*Cladosporium* sp.) - (1)
- Lasiodiplodia canker (*Lasiodiplodia theobromae*) - (1)
- Anthracnose (*Colletotrichum* sp.) - (1)
- Cultural/Environmental Problem (Abiotic Problem) - (1)
- Nutritional Problem Suspected (Abiotic Problem) - (1)
- Undetermined (Abiotic Problem) - (2)
- Physiological Problem (Abiotic Problem) - (1)
- Environmental/nutritional Problem (Abiotic Problem) - (1)

Cottonwood(*Populus* sp.)

- Unknown (Abiotic Problem) - (1)

Cowpea(*Vigna unguiculata*)

- Cucumber Mosaic Virus (Cucumber Mosaic virus) - (1)

Crabapple(*Malus* sp.)

- Lichens () - (1)
- Problem Lower Down (Abiotic Problem) - (1)

Crape Myrtle(*Lagerstroemia indica*)

- Botryosphaeria Dieback (*Botryosphaeria* sp.) - (1)
- Bacterial Scorch (*Xylella fastidiosa*) - (1)
- Insect Injury Suspected (Abiotic Problem) - (2)
- Unknown (Abiotic Problem) - (1)

Cryptomeria(*Cryptomeria* sp.)

- Drought Suspected (Abiotic Problem) - (1)

Cypress, Hinoki(*Chamaecyparis obtusa*)

- Pestalotiopsis leaf spot (*Pestalotiopsis* sp.) - (1)

Cypress, Leyland(X *Cupressocyparis leylandii*)

- No Disease (Abiotic Problem) - (1)

Daisy, Shasta(*Chrysanthemum x superbum*)

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

Daylily(*Hemerocallis* sp.)

- Anthracnose (*Colletotrichum dematium*) - (1)
- Fusarium Crown Rot (*Fusarium* sp.) - (1)

Delphinium(*Delphinium* sp.)

- Pythium Root Rot (*Pythium* sp.) - (1)
- Black Root Rot (*Thielaviopsis basicola*) - (1)

Dogwood, Undetermined(*Cornus* sp.)

- Undetermined (Abiotic Problem) - (1)
- Root Dysfunction Suspected (Abiotic Problem) - (1)

East Palatka Holly(*Ilex x attenuata 'Fosteri'*)

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

Easter Lily(*Lilium longiflorum* var. *exi*)

- Fusarium Basal Rot (*Fusarium* sp.) - (1)
- Phytophthora Root/Stem Rot (*Phytophthora* sp.) - (1)

Elaeagnus(*Elaeagnus* sp.)

- Problem Lower Down (Abiotic Problem) - (2)
- Normal Plant Part (Abiotic Problem) - (1)
- Animal Injury (Abiotic Problem) - (1)

Eucalyptus(*Eucalyptus* sp.)

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

Euonymus(*Euonymus* sp.)

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

European Cranberrybush Viburnu(*Viburnum opulus*)

- Spot Anthracnose (*Sphaceloma viburni*) - (1)

Evolvulus(*Evolvulus nuttalianus*)

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

Fern(Undetermined sp.)

- Slime Mold () - (1)

Fescue(Festuca sp.)

- Endophyte (Acremonium coenophialum) - (5)
- Dollar Spot (Sclerotinia homoeocarpa) - (1)
- Physical Sample Required (Abiotic Problem) - (1)

Feverfew(Chrysanthemum parthenium)

- Undetermined Injury (Abiotic Problem) - (1)

Fig, Common(Ficus carica)

- Thread Blight (Pellicularia koleroga) - (1)
- Undetermined Injury (Abiotic Problem) - (1)

Floradwarf Bermudagrass(Cynodon dactylon)

- Nematodes, Root Knot (Meloidogyne sp.) - (2)

Fungus(Gen. sp.)

- Slime Mold () - (1)
- Wood Rot Fungus (Laetiporus sulphureus) - (2)
- Fungus Identification (Abiotic Problem) - (1)

Gardenia(Gardenia jasminoides)

- Pythium Root Rot (Pythium sp.) - (1)
- Anthracnose (Colletotrichum sp.) - (2)
- Rhizoctonia Root Rot (Rhizoctonia cerealis) - (1)
- Cultural/Environmental Problem (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)

Gaura(Gaura sp.)

- Botrytis Canker (Botrytis sp.) - (1)

Grape, Muscadine(Vitis rotundifolia)

- Crown Gall (Agrobacterium tumefaciens) - (1)

Grapefruit(*Citrus x paradisi*)

- Environmental/nutritional Problem (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Grass, Unknown(*Gen. sp.*)

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

Hameln Dwarf Fountain Grass(*Pennisetum alopecuroides*)

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

Hawthorn(*Crataegus sp.*)

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

Hawthorn, Indian(*Raphiolepis indica*)

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

Hibiscus(*Hibiscus sp.*)

- Slime Mold (*Fuligo septica*) - (1)
- No Disease (Abiotic Problem) - (2)

Holly(*Ilex sp.*)

- Bacterial Blight (*Arthrobacter ilicis*) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (2)

Holly, American(*Ilex opaca*)

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

Holly, Hybrid(*Ilex sp.*)

- Sphaeropsis Dieback (*Sphaeropsis sp.*) - (1)

Holly, Japanese(*Ilex*)

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

Hosta(*Hosta sp.*)

- Undetermined (Abiotic Problem) - (1)

Hydrangea(Hydrangea sp.)

- Powdery Mildew (Oidium sp.) - (1)
- Fusarium Root Rot (Fusarium sp.) - (1)
- Cercospora Leaf Spot (Cercospora sp.) - (1)
- Excess Water (Abiotic Problem) - (1)

Impatiens(Impatiens sp.)

- Impatiens Necrotic Spot (Impatiens Necrotic Spot Virus) - (1)
- No Disease (Abiotic Problem) - (1)

Impatiens, New Guinea(Impatiens sp.)

- Botrytis Leaf Spot (Botrytis cinerea) - (1)

Iris(Iris sp.)

- Cladosporium Leaf Spot (Cladosporium iridis) - (1)

Ivy, English(Hedera helix)

- Bacterial Leaf Spot (Xanthomonas campestris pv. hederae) - (1)
- Undetermined Injury (Abiotic Problem) - (1)

Ivy, Swedish(Plectranthus sp.)

- Inadequate Sample (Abiotic Problem) - (1)
- Inadequate Information (Abiotic Problem) - (1)

Japanese Boxwood(Buxus microphylla)

- No Disease (Abiotic Problem) - (1)

Japanese Clevera(Cleyera japonica)

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

Japanese Flowering Cherry(Prunus serrulata)

- Problem Lower Down (Abiotic Problem) - (1)

Japanese Spirea(Spiraea japonica)

- Nutritional Problem Suspected (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)

Japanese Ternstroemia(*Ternstroemia gymnanthera*)

- Undetermined (Abiotic Problem) - (1)

Jasmine, Asiatic(*Trachelospermum asiaticum*)

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

Jasmine, Carolina(*Gelsemium sempervirens*)

- Undetermined (Abiotic Problem) - (1)

Jimson Weed(*Datura stramonium*)

- Impatiens Necrotic Spot (Impatiens Necrotic Spot Virus) - (1)
- Tomato Spotted Wilt (Tomato Spotted Wilt virus) - (1)
- Chemical Injury Suspected (Abiotic Problem) - (2)
- No Disease (Abiotic Problem) - (1)

Johnson Grass(*Sorghum halepense*)

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

Juniper(*Juniperus* sp.)

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

Korean Hornbeam(*Carpinus coreana*)

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

Kudzu(*Pueraria lobata*)

- Halo Blight (*Pseudomonas syringae* pv. *phaseolicola*) - (3)
- Anthracnose (*Gloeosporium* sp.) - (2)
- Cercospora Leaf Spot (*Cercospora* sp.) - (2)
- No Phakopsora sp. sporulation (Abiotic Problem) - (14)

Kumquat(*Fortunella* sp.)

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

Lantana(*Lantana* sp.)

- Rust (*Puccinia lantanae*) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Lemon(*Citrus limon*)

- No Disease (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (2)

Leyland Cypress(*Cupressocyparis leylandii*)

- Cypress Canker (*Seiridium unicorne*) - (1)
- Needle Blight (*Cercospora sequoiae*) - (1)
- Needle Blight (*Pestalotiopsis* sp.) - (1)
- No Disease (Abiotic Problem) - (1)
- Mechanical Injury (Abiotic Problem) - (1)
- Drought Suspected (Abiotic Problem) - (1)
- Canker, Undetermined (Abiotic Problem) - (1)
- Undetermined Injury (Abiotic Problem) - (1)

Ligustrum(*Oleaceae*)

- Inadequate Sample (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Lime(*Citrus aurantiifolia*)

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

Liriope(*Liriope* sp.)

- Anthracnose (*Colletotrichum graminicola*) - (1)
- Rhizoctonia Damping-off (*Rhizoctonia solani*) - (1)
- Rhizoctonia Root/Stem Rot (*Rhizoctonia* sp.) - (1)

Loquat(*Eriobotrya japonica*)

- Phomopsis Leaf Blight (*Phomopsis* sp.) - (1)

Loropetalum(*Loropetalum chinense*)

- No Disease (Abiotic Problem) - (1)

Magnolia(*Magnolia* sp.)

- Leaf Spot (*Phytophthora* sp.) - (2)
- Sudden Oak Death (Ramorum Blight) (*Phytophthora ramorum*) - (1)

- Sooty Mold (*Septobasidium* sp.) - (1)
- No Disease (Abiotic Problem) - (3)
- Drought Suspected (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Magnolia, Saucer(*Magnolia x soulangiana*)

- No Disease (Abiotic Problem) - (1)

Magnolia, Southern(*Magnolia grandiflora*)

- Algal Leaf Spot (*Cephaleuros* sp.) - (1)
- Phoma Leaf Spot (*Phoma* sp.) - (1)
- Drought Suspected (Abiotic Problem) - (1)

Mandevilla(*Mandevilla* sp.)

- Undetermined Injury (Abiotic Problem) - (1)

Maple(*Acer* sp.)

- Leaf Spot (*Diplodia* sp.) - (1)
- Sphaeropsis Leaf Spot (*Sphaeropsis* sp.) - (1)
- Drought (Abiotic Problem) - (1)
- Cultural/Environmental Problem (Abiotic Problem) - (1)

Maple, Japanese(*Acer palmatum*)

- Anthracnose (*Kabatiella apocrypta*) - (1)
- Anthracnose (*Discula* sp.) - (1)
- Phomopsis Canker (*Phomopsis* sp.) - (1)
- No Disease (Abiotic Problem) - (5)
- Cultural/Environmental Problem (Abiotic Problem) - (1)
- Transplant Stress (Abiotic Problem) - (1)

Maple, Red(*Acer rubrum*)

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

Maple, Silver(*Acer saccharinum*)

- Alcoholic Flux (Bacteria nonpathogenic) - (1)
- Cultural/Environmental Problem (Abiotic Problem) - (1)

Maple, Trident(*Acer buergeranum*)

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

Marshall Ryegrass(*Lolium multiflorum*)

- Environmental Problem (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)

Mayhaw(*Crataegus opaca*)

- Quince Rust (*Gymnosporangium clavipes*) - (1)

Meyer Lemon(*Citrus x meyeri*)

- Saprophytic Fungus (*Colletotrichum gloeosporioides*) - (1)
- Environmental/nutritional Problem (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Mimosa(*Albizia julibrissin*)

- Wood Rot Fungus (*Ganoderma* sp.) - (1)

Mint(*Mentha* sp.)

- Fusarium Stem Rot (*Fusarium* sp.) - (1)
- No Disease (Abiotic Problem) - (3)

Mondo Grass(*Ophiopogon japonicus*)

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

Mulberry(*Morus* sp.)

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

Mulch()

- No Disease (Abiotic Problem) - (1)

Mustard(*Brassica juncea*)

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

Nandina(*Nandina domestica*)

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

- Low pH (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)

Oak(Quercus sp.)

- Alcoholic Flux (Bacteria nonpathogenic) - (1)
- Tubakia Leaf Spot (Tubakia dryina) - (2)
- Biscogniauxia (Hypoxylon) Canker (Biscogniauxia atropunctata) - (1)
- Insect Injury Suspected (Abiotic Problem) - (2)
- Undetermined (Abiotic Problem) - (1)
- Chemical Injury Suspected (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)
- Root Dysfunction Suspected (Abiotic Problem) - (1)
- Inadequate Sample (Abiotic Problem) - (1)
- Pot Bound (Abiotic Problem) - (1)
- Physical Sample Required (Abiotic Problem) - (1)

Oak, Basket(Quercus prinus)

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

Oak, Live(Quercus virginiana)

- Powdery Mildew (Oidium sp.) - (1)
- Lichens () - (2)
- Burl Wood (Unknown Etiology) - (1)
- Anthracnose (Discula sp.) - (1)
- Unknown (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Oak, Pin(Quercus palustris)

- Root Dysfunction Suspected (Abiotic Problem) - (1)

Oak, Post(Quercus stellata)

- Tubakia Leaf Spot (Tubakia dryina) - (1)
- Physical Sample Required (Abiotic Problem) - (1)

Oak, Shumard(Quercus shumardii)

- Bacterial Scorch (Xylella fastidiosa) - (1)
- Girdling Root (Abiotic Problem) - (1)
- Pot Bound (Abiotic Problem) - (1)

Oak, Swamp Chestnut(Quercus michauxii)

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

Oak, Swamp White(Quercus bicolor)

- Tubakia Leaf Spot (Tubakia dryina) - (1)

Oak, White(Quercus alba)

Oak, Willow(Quercus phellos)

- Insect Injury Suspected (Abiotic Problem) - (1)
- Environmental/nutritional Problem (Abiotic Problem) - (2)
- Problem Lower Down (Abiotic Problem) - (1)
- Chemical Injury Suspected (Abiotic Problem) - (1)
- Nutritional Problem Suspected (Abiotic Problem) - (1)

Oats(Avena sativa)

- Unknown (Abiotic Problem) - (1)
- Environmental/nutritional Problem (Abiotic Problem) - (1)

Okra(Abelmoschus esculentus)

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

Oleander(Nerium oleander)

- Environmental/nutritional Problem (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)

Ornamental, Bedding Plants(Gen. sp.)

- No Disease (Abiotic Problem) - (1)

Ornamental, Flowering(Gen. sp.)

- No Disease (Abiotic Problem) - (1)

Palm, Sago(Cycas revoluta)

- Unknown (Abiotic Problem) - (1)

Palm, Washington(Washingtonia)

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

Palm, Windmill(Trachycarpus fortunei)

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

Pansy(*Viola cornuta*)

- Fusarium Root/Crown Rot (*Fusarium* sp.) - (1)
- Phytophthora Root/Crown Rot (*Phytophthora* sp.) - (1)
- Pythium Root Rot (*Pythium* sp.) - (1)
- Fusarium Crown Rot (*Fusarium* sp.) - (1)
- Nutritional Problem Suspected (Abiotic Problem) - (1)

Peach(*Prunus persica*)

- Shot hole (*Wilsonomyces carpophilus*) - (1)
- No Disease (Abiotic Problem) - (1)

Peanut(*Arachis hypogaea*)

- Tomato Spotted Wilt (Tomato Spotted Wilt virus) - (2)
- Anthracnose (*Colletotrichum* sp.) - (1)
- Rust (*Puccinia arachidis*) - (1)
- Rhizoctonia Root/Stem Rot (*Rhizoctonia solani*) - (1)
- No Disease (Abiotic Problem) - (1)
- Cultural/Environmental Problem (Abiotic Problem) - (1)
- Nutritional Problem Suspected (Abiotic Problem) - (1)
- Chemical Injury Suspected (Abiotic Problem) - (2)
- Undetermined Injury (Abiotic Problem) - (1)

Pear(*Pyrus communis*)

- Quince Rust (*Gymnosporangium clavipes*) - (1)

Pear, Ornamental(*Pyrus calleryana*)

- Fire Blight (*Erwinia amylovora*) - (2)
- Botryosphaeria Dieback (*Botryosphaeria* sp.) - (1)
- Root Dysfunction Suspected (Abiotic Problem) - (1)
- Drought Suspected (Abiotic Problem) - (1)
- Problem Lower Down (Abiotic Problem) - (1)

Pecan(*Carya illinoensis*)

- Butt Rot (Undetermined pathogen) - (1)
- Scab (*Fusicladosporium effusum*) - (1)
- Scab (*Cladosporium caryigenum*) - (1)
- Insect Injury Suspected (Abiotic Problem) - (2)
- Environmental/nutritional Problem (Abiotic Problem) - (1)

Pepper(Capsicum sp.)

- Chemical Injury Suspected (Abiotic Problem) - (1)
- Environmental/nutritional Problem (Abiotic Problem) - (1)

Pepper, Ornamental(Capsicum sp.)

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

Periwinkle, Common(Vinca minor)

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

Periwinkle, Madagascar(Catharanthus roseus)

- Black Root Rot (Thielaviopsis basicola) - (1)
- Rhizoctonia Crown Rot (Rhizoctonia solani) - (1)

Petunia(Petunia x hybrida)

- Iron Chlorosis (Abiotic Problem) - (1)
- Nutritional Problem (Abiotic Problem) - (1)

Phlox(Phlox sp.)

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

Phlox, Perennial(Phlox paniculata)

- Black Root Rot (Thielaviopsis basicola) - (1)

Photinia(Photinia x fraseri)

- Mushroom Root Rot (Armillaria sp.) - (1)

Pieris, Japanese(Pieris japonica)

- No Disease (Abiotic Problem) - (1)

Pine, Loblolly(Pinus taeda)

- Fusiform Rust (Cronartium quercuum) - (1)
- Red Root and Butt Rot of Pines (Onnia circinata) - (1)
- Normal Senescence (Abiotic Problem) - (1)

Pittosporum(Pittosporum sp.)

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

Plum(*Prunus* sp.)

- Black Knot (*Apiosporina morbosa*) - (2)
- Lichens () - (1)
- No Disease (Abiotic Problem) - (1)
- Problem Lower Down (Abiotic Problem) - (1)

Plum, Cherry(*Prunus cerasifera*)

- No Disease (Abiotic Problem) - (1)

Poinsettia(*Euphorbia pulcherrima*)

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

Potato(*Solanum tuberosum*)

- Virus, Undetermined () - (1)

Powder-puff(*Calliandra emarginata*)

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

Privet(*Ligustrum* sp.)

- Cercospora Leaf Spot (*Cercospora* sp.) - (1)
- Inadequate Sample (Abiotic Problem) - (1)
- Nutritional Problem Suspected (Abiotic Problem) - (1)
- Root Dysfunction Suspected (Abiotic Problem) - (1)
- Chemical Injury Suspected (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)

Pumpkin(*Cucurbita* sp.)

- Fusarium Crown/foot Rot (*Fusarium solani* (*cucurbitae*)) - (1)
- Gummy Stem Blight (*Didymella bryoniae*) - (1)

Redcedar, Eastern(*Juniperus virginiana*)

- Gymnosporangium Rust (*Gymnosporangium effusum*) - (1)
- Phomopsis Twig Blight (*Phomopsis juniperovora*) - (1)

Rose(*Rosa* sp.)

- Black Spot (*Diplocarpon rosae*) - (4)
- Cercospora Leaf Spot (*Cercospora* sp.) - (1)
- Pythium Root Rot (*Pythium* sp.) - (2)
- Armillaria Root Rot (*Armillaria* sp.) - (2)
- Fusarium Root/Crown Rot (*Fusarium* sp.) - (1)
- No Disease (Abiotic Problem) - (1)
- Chemical Injury Suspected (Abiotic Problem) - (3)
- Insect Injury Suspected (Abiotic Problem) - (5)
- Graft Problem (Abiotic Problem) - (1)
- Nutritional Problem Suspected (Abiotic Problem) - (2)
- Inadequate Sample (Abiotic Problem) - (1)

Ryegrass, Annual(*Lolium multiflorum*)

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

Satsuma(*Citrus reticulata*)

- Anthracnose (*Colletotrichum gloeosporioides*) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Savannah Holly(*Ilex x attenuata* 'Fosteri)

- Cultural/Environmental Problem (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)

Scotch Spearmint(*Mentha gentilis*)

- No Disease (Abiotic Problem) - (1)

Soft Touch Holly(*Ilex crenata*)

- Web Blight (*Rhizoctonia solani*) - (1)

Soil()

- Fungus Identification () - (1)

Soybean(*Glycine max*)

- Cladosporium Leaf Spot (*Cladosporium* sp.) - (1)
- Ascochyta Leaf Spot (*Ascochyta* sp.) - (1)
- Brown Spot (*Septoria glycines*) - (1)
- Rhizoctonia Root Rot (*Rhizoctonia* sp.) - (1)

- Cercospora Blight (*Cercospora kikuchii*) - (2)
- Fusarium Root Rot (*Fusarium* sp.) - (3)
- Nematodes, Cyst (*Heterodera glycines*) - (1)
- Pod And Stem Blight (*Phomopsis sojae*) - (1)
- Fusarium Root/Stem Rot (*Fusarium* sp.) - (2)
- Fusarium Crown Rot (*Fusarium* sp.) - (1)
- Charcoal Rot (*Macrophomina phaseolina*) - (1)
- Frogeye Leaf Spot (*Cercospora sojina*) - (1)
- No *Phakopsora* sp. sporulation (Abiotic Problem) - (3)
- No Disease (Abiotic Problem) - (5)
- Inadequate Sample (Abiotic Problem) - (2)
- Undetermined (Abiotic Problem) - (2)
- Undetermined Injury (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

St. Augustinegrass(*Stenotaphrum secundatum*)

- Take-all (*Gaeumannomyces graminis*) - (29)
- Gray Leaf Spot (*Pyricularia grisea*) - (14)
- Brown Patch (*Rhizoctonia solani*) - (13)
- Dollar Spot (*Sclerotinia homoeocarpa*) - (2)
- Slime Mold () - (1)
- Physical Sample Required (Abiotic Problem) - (3)
- Undetermined Injury (Abiotic Problem) - (1)
- Inadequate Sample (Abiotic Problem) - (5)
- Chemical Injury Suspected (Abiotic Problem) - (1)
- Physiological Problem (Abiotic Problem) - (1)
- Cultural/Environmental Problem (Abiotic Problem) - (3)
- Insect Injury Suspected (Abiotic Problem) - (4)

Strawberry(*Fragaria x ananassa*)

- *Rhizoctonia* Root Rot (*Rhizoctonia* sp.) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Sunflower(*Helianthus* sp.)

- Virus, Undetermined () - (6)
- Insect Injury Suspected (Abiotic Problem) - (2)

Sweet Bay(*Magnolia virginiana*)

- Slime Mold () - (1)
- Lichens () - (1)

Sweet Orange(*Citrus sinensis*)

- Sooty Mold (*Capnodium* sp.) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)
- Environmental/nutritional Problem (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)
- Undetermined (Abiotic Problem) - (1)

Sweetpotato(*Ipomoea batatas*)

- Fusarium Root Rot (*Fusarium* sp.) - (1)
- Charcoal Rot (*Macrophomina phaseolina*) - (1)
- Nematodes, Root Knot (*Meloidogyne* sp.) - (1)
- Rhizopus Soft Rot (*Rhizopus* sp.) - (1)

Sweetspire, Virginia(*Itea virginica*)

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

Tea Olive(*Osmanthus fragrans*)

- Anthracnose (*Colletotrichum gloeosporioides*) - (1)
- No Disease (Abiotic Problem) - (1)

Tifton 419 Bermudagrass(*Cynodon dactylon*)

- Bipolaris Leaf Spot (*Bipolaris* sp.) - (1)
- No Disease (Abiotic Problem) - (1)
- Insect Injury Suspected (Abiotic Problem) - (1)

Tomato(*Lycopersicon esculentum*)

- Tomato Spotted Wilt (Tomato Spotted Wilt virus) - (22)
- Stem Canker (*Myrothecium* sp.) - (1)
- Tobacco Mosaic (Tobacco Mosaic Virus) - (3)
- Early Blight (*Alternaria solani*) - (1)
- Bacterial Spot (*Xanthomonas campestris* (vesicatoria)) - (2)
- Bacterial Stem Rot (*Erwinia carotovora*) - (1)
- *Alternaria* Leaf Spot (*Alternaria* sp.) - (1)
- Nematodes, Root Knot (*Meloidogyne* sp.) - (1)
- Bacterial Leaf Spot (*Xanthomonas* sp.) - (1)
- Nutritional Problem Suspected (Abiotic Problem) - (4)
- Insect Injury Suspected (Abiotic Problem) - (4)
- Light (too little) (Abiotic Problem) - (1)
- Chemical Injury Suspected (Abiotic Problem) - (8)
- No Disease (Abiotic Problem) - (2)
- Unknown (Abiotic Problem) - (1)
- Canker, Undetermined (Abiotic Problem) - (1)

- Undetermined Injury (Abiotic Problem) - (1)
- Blossom-end Rot Suspected (Abiotic Problem) - (1)
- Blossom-end Rot (Abiotic Problem) - (1)
- Growth Cracks (Abiotic Problem) - (1)
- Yellow Shoulder (Abiotic Problem) - (1)

Tree(Gen. sp.)

- Drought Suspected (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)

Turnip(Brassica rapa)

- Cercospora Leaf Spot (Cercospora brassicicola) - (1)

Twinspur(Diascia barberae)

- Pythium Root Rot (Pythium sp.) - (1)
- Black Root Rot (Thielaviopsis basicola) - (1)

Unknown()

- Moss () - (1)
- No Disease (Abiotic Problem) - (1)

Vegetable, Undetermined(Gen. sp.)

- Nematodes, Root Knot (Meloidogyne sp.) - (1)

Verbena(Verbena sp.)

- Alternaria Stem Canker (Alternaria sp.) - (1)
- Fusarium Root/Stem Rot (Fusarium sp.) - (1)
- Fusarium Stem Rot (Fusarium sp.) - (1)
- Physical Sample Required (Abiotic Problem) - (1)
- No Disease (Abiotic Problem) - (1)

Viburnum(Viburnum sp.)

- Alternaria Leaf Spot (Alternaria sp.) - (1)
- Botryosphaeria Dieback (Botryosphaeria sp.) - (1)
- Problem Lower Down (Abiotic Problem) - (1)
- Cultural/Environmental Problem (Abiotic Problem) - (1)

Viburnum(Viburnum awabuki)

- Botryosphaeria Dieback (*Botryosphaeria* sp.) - (1)

Watermelon(*Citrullus lanatus*)

- Powdery Mildew (*Sphaerotheca fuliginea*) - (2)
- Environmental Problem (Abiotic Problem) - (1)

Wheat(*Triticum aestivum*)

- Saprophytic Fungus (*Cladosporium* sp.) - (1)
- Suspected Hypersensitive Response (Undetermined pathogen) - (2)
- Loose Smut (*Ustilago tritici*) - (1)
- Barley Yellow Dwarf Suspected () - (1)
- No Disease (Abiotic Problem) - (1)

Wheat(*Triticum aestivum*)

- Barley Yellow Dwarf (Barley Yellow Dwarf virus) - (1)
- Suspected Hypersensitive Response (Undetermined pathogen) - (1)
- Environmental/nutritional Problem (Abiotic Problem) - (1)
- Cultural/Environmental Problem (Abiotic Problem) - (1)

Yaupon(*Ilex vomitoria*)

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

Yew, Japanese(*Taxus cuspidata*)

- Problem Lower Down (Abiotic Problem) - (1)

Zebra grass(*Miscanthus sinensis*)

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

Zinnia(*Zinnia* sp.)

- Sclerotinia Stem Rot (*Sclerotinia sclerotiorum*) - (1)
- Alternaria Blight (*Alternaria zinniae*) - (1)

Zoysiagrass(*Zoysia japonica*)

- Pythium Blight (*Pythium* sp.) - (1)
- Take-all (*Gaeumannomyces graminis*) - (2)
- Dollar Spot (*Sclerotinia homoeocarpa*) - (4)
- Rust (*Puccinia zoysiae*) - (1)

Zoysiagrass(Zoysia japonica)

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

Zoysiagrass(Zoysia japonica)

- Bipolaris Leaf Spot (Bipolaris sp.) - (2)

Zucchini(Cucurbita pepo)

- Anthracnose (Colletotrichum sp.) - (1)
- Blossom-end Rot Suspected (Abiotic Problem) - (1)