

Plant Disease Clinic

Summary of Diagnoses by Plant 1998

FIELD CROPS

ALFALFA

1 Boron Deficiency
1 Cause of Problem Unknown
3 Potato Leafhoppers
1 Root Knot Nematodes
1 Rust
1 Sclerotinia Crown and Stem Rot

8 Total for Alfalfa

Meloidogyne hapla
Uromyces striatus
Sclerotinia trifoliorum

BARLEY

2 Cause of Problem Unknown
1 Environmental Stress
4 Frost Injury
1 Low pH
3 Net Blotch
1 Normal Condition
1 Spot Blotch
1 Suspect Chemical Injury
1 Suspect Tan Spot

15 Total for Barley

Pyrenophora teres
Bipolaris sorokiniana
Pyrenophora tritici-repentis

CLOVER

1 Suspect Fusarium Wilt

1 Total for Clover

Fusarium oxysporum

CORN

2 Aspergillus Ear Rot
1 Compacted Soil
1 Environmental Stress
1 Excess Soil Moisture
1 Excess Soluble Salts
1 Frost Injury
3 Fusarium Ear Rot
1 Genetic Stripe
2 Gray Leaf Spot
1 Hail Damage
3 Insufficient Sample
4 Low pH
1 Magnesium Deficiency
2 Nematodes
2 Nutrient Deficiency
1 Penicillium Ear Rot
1 Potassium Deficiency
1 Slime Mold
1 Suspect Chemical Injury
2 Thrips

32 Total for Corn

Aspergillus sp.
Fusarium moniliforme
Cercospora zeae-maydis
Penicillium sp.
Physarum sp.

LESPEDEZA

1 Potato Leafhoppers

1 Total for Lespedeza

Plant Disease Clinic

MATUAGRASS

1 Powdery Mildew

1 Total for Matuagrass

Erysiphe sp.

MILLET

1 Gray Leaf Spot

1 Total for Millet

Pyricularia grisea

OATS

3 Barley Yellow Dwarf Virus
3 Frost Injury
1 Suspect Frost Injury

7 Total for Oats

ORCHARDGRASS

1 Leaf Streak
1 Low pH
1 Rhizoctonia Blight

3 Total for Orchardgrass

Cercosporidium graminis
Rhizoctonia solani

SORGHUM

1 Fusarium Stalk Rot
1 Lesion Nematodes
1 Low pH

3 Total for Sorghum

Fusarium sp.

SOYBEAN

1 Alternaria Leaf spot
1 Brown Spot
6 Cause of Problem Unknown
3 Chemical Injury
1 Cultural Problem
3 Cyst Nematodes
3 Deer Injury
3 Environmental Stress
1 Essex Syndrome
2 Fusarium Root Rot
1 Insects
1 Insufficient Sample
1 Pythium Root Rot
1 Rhizoctonia Damping-off
2 Root Knot Nematodes
2 Seedling Blight
1 Suspect Chemical Injury
1 Thrips

34 Total for Soybean

Alternaria sp.
Septoria glycines
Heterodera glycines
Fusarium oxysporium
Fusarium sp.
Pythium sp.
Rhizoctonia solani
Meloidogyne sp.
Pythium sp.

SWITCHGRASS

1 Rust

1 Total for Switchgrass

Puccinia emaculata

Plant Disease Clinic

TOBACCO

1 Crystalline Residue
1 Insufficient Information
1 Mechanical Injury
1 Negative for Nematodes
1 Powdery Mildew Oidium sp.
1 Thrips

6 Total for Tobacco

TRITICALE

1 Frost Injury

1 Total for Triticale

WHEAT

3 Cause of Problem Unknown
1 Environmental Stress
7 Frost Injury
2 Fusarium Seedling Blight Fusarium sp.
1 Genetic Fleck
1 High pH
1 Insects
3 Insufficient Sample
1 Poor Seed Quality
1 Powdery Mildew Erysiphe graminis
1 Scab Fusarium sp.
1 Soilborne Wheat Mosaic Virus Cephalosporium gramineum
1 Suspect Cephalosporium Stripe
1 Suspect Chemical Injury
1 Suspect Excess Soil Moisture
1 Suspect Fertilizer Burn
2 Suspect Nutrient Deficiency
1 Suspect Soilborne Mosaic Virus
3 Suspect Tan Spot Pyrenophora tritici-repentis
3 Take-all Gaeumannomyces graminis
5 Tan Spot Pyrenophora tritici-repentis

41 Total for Wheat

Plant Disease Clinic

VEGETABLES AND HERBS

ASPARAGUS

1 Insufficient Sample

1 Total for Asparagus

BASIL

1 Cause of Problem Unknown
1 Environmental Stress
1 Fusarium Wilt *Fusarium oxysporum*

3 Total for Basil

BEAN

2 Angular Leaf Spot *Phaseisariopsis griseola*
2 Anthracnose *Colletotrichum lindemuthianum*
1 Damping-off *Rhizoctonia solani*
2 Insects
2 Insufficient Sample
1 Rhizoctonia Root Rot *Rhizoctonia solani*
2 Rhizoctonia Stem and Root Rot *Rhizoctonia solani*
1 Rust *Uromyces phaseoli*
1 Southern Blight *Sclerotium rolfsii*
1 Stinkbugs
1 Suspect Virus

16 Total for Bean

BEET

2 Cercospora Leaf Spot *Cercospora beticola*
1 Environmental Stress

BROCCOLI

1 Alternaria Blight *Alternaria brassicicola*

1 Total for Broccoli

CABBAGE

1 Alternaria Leaf Spot *Alternaria brassicola*
1 Cold Injury
1 Damping-off *Rhizoctonia solani*
1 Excess Soil Moisture
1 Insufficient Sample
1 Pythium Root Rot *Pythium sp.*
1 Suspect Pythium Root Rot *Pythium sp.*

7 Total for Cabbage

CANTALOUPE

2 Bacterial Wilt *Erwinia tracheiphila*
1 Environmental Stress
1 Fusarium Stem Rot *Fusarium equiseti*
1 Insufficient Information
3 Insufficient Sample

8 Total for Cantaloupe

Plant Disease Clinic

COLLARDS

1 Wirestem

1 Total for Collards

Rhizoctonia solani

COWPEA

1 Negative for Virus

1 Total for Cowpea

CUCUMBER

3 Bacterial Wilt
1 Drought
2 Insufficient Sample
1 Mechanical Injury
1 Pythium Root Rot
1 Rhizoctonia Stem and Root Rot
1 Suspect Nutrient Deficiency

10 Total for Cucumber

Erwinia tracheiphila

Pythium sp.
Rhizoctonia solani

GINSENG

1 Aphids
1 Phytophthora Root Rot
1 Phytophthora Root Rot and Leaf Blight

3 Total for Ginseng

Phytophthora cactorum
Phytophthora cactorum

GREENS

1 Cause of Problem Unknown

1 Total for Greens

KALE

1 Environmental Stress

1 Total for Kale

LAVENDER

1 Insufficient Sample

1 Total for Lavender

LIMA BEAN

1 Insufficient Sample
1 Pod Blight
1 Yeast Spot

3 Total for Lima Bean

Phomopsis phaseoli
Nematospora coryli

MINT

1 Rust

1 Total for Mint

Puccinia menthae

Plant Disease Clinic

OKRA

1 Root Knot Nematodes	Meloidogyne sp.
1 Verticillium Wilt	Verticillium dahliae

2 Total for Okra	

PARSNIP

1 Root Knot Nematodes	Meloidogyne sp.

1 Total for Parsnip	

PEA

1 Nematodes	
2 Suspect Fusarium Root Rot	Fusarium oxysporium

3 Total for Pea	

PEPPER

7 Bacterial Spot	Xanthomonas vesicatoria
1 Blossom End Rot	
1 Cause of Problem Unknown	
1 Excess Soluble Salts	
2 Insufficient Sample	
1 Potyvirus	
1 Southern Blight	Sclerotium rolfsii
1 Thrips	

15 Total for Pepper	

POTATO

1 Botrytis Canker	Botrytis cinerea
2 Common Scab	Streptomyces scabies
1 Enlarged Lenticels	
1 Growth Cracks	
1 Late Blight	Phytophthora infestans
6 Negative for Virus	
4 Potato Virus S	
1 Powdery Mildew	Oidium sp.
1 Suspect Blackheart	

18 Total for Potato	

PUMPKIN

1 Cause of Problem Unknown	
3 Environmental Stress	
1 Fusarium Crown and Foot Rot	Fusarium solani
2 Insufficient Sample	
1 Potyvirus	
1 Root Knot Nematodes	Meloidogyne sp.
1 Squash Vine Borers	
1 Sunscald	

11 Total for Pumpkin	

ROSEMARY

1 Suspect Nutrient Imbalance	

1 Total for Rosemary	

Plant Disease Clinic

SAGE

1 Pythium Root Rot
1 Suspect Nutrient Imbalance

2 Total for Sage

Pythium sp.

SQUASH

1 Anthracnose
1 Blossom End Rot
1 Cultural Problem
1 Powdery Mildew
1 Pythium Cottony Leak
1 Watermelon Mosaic Virus-1
1 Watermelon Mosaic Virus-2

7 Total for Squash

Colletotrichum lagenarium

Erysiphe cichoracearum
Pythium sp.

SWEET CORN

1 Corn Rootworms
1 Environmental Stress
1 Nutrient Deficiency
1 Rootworms
1 Stewart's Wilt
4 Sunscald

9 Total for Sweet Corn

Erwinia stewartii

SWEET POTATO

1 Cause of Problem Unknown
1 Fasciation
1 Growth Cracks
1 Grubs
2 Scurf
1 Superficial Dematiaceous Hyphomycete
1 Wireworms

8 Total for Sweet Potato

Monilochaetes infuscans

SWISS CHARD

1 Cercospora Leaf Spot

1 Total for Swiss Chard

Cercospora beticola

THYME

1 Suspect Nutrient Imbalance

1 Total for Thyme

Plant Disease Clinic

TOMATO

1 Anthracnose	Colletotrichum dematium
1 Bacterial Canker	Corynebacterium michiganense
4 Bacterial Wilt	Pseudomonas solanacearum
5 Blossom End Rot	
1 Botrytis Blight	Botrytis cinerea
2 Catfacing	
3 Cause of Problem Unknown	
6 Chemical Injury	
1 Cultural Problem	
1 Early Blight	Alternaria solani
3 Environmental Stress	
2 Excess Soluble Salts	
1 Fulvia Leaf Mold	Fulvia fulva
1 Fusarium Damping-Off	Fusarium sp.
1 Fusarium Stem Rot	Fusarium sp.
5 Fusarium Wilt	Fusarium oxysporum
1 Genetic Off-Type	
1 Gray Leaf Mold	Cladosporium fulvum
7 Insufficient Sample	
1 Leaf Miners	
1 Leaf Mold	Fulvia fulva
1 Mealybugs	
1 Mechanical Injury	
1 Mites	
1 Postharvest Rot-Cause Unknown	
1 Potyvirus	
4 Powdery Mildew	Oidiopsis sp.
2 Pythium Root Rot	Pythium sp.
2 Pythium Stem and Root Rot	Pythium sp.
2 Rhizoctonia Stem Canker	Rhizoctonia solani
2 Rhizoctonia Stem and Root Rot	Rhizoctonia solani
6 Septoria Leaf Spot	Septoria lycopersici
1 Southern Blight	Sclerotium rolfsii
1 Stinkbugs	
4 Suspect Chemical Injury	
1 Suspect Physiological Problem	
2 Tomato Mosaic Virus	
2 Walnut Wilt	
1 Whiteflies	

84 Total for Tomato	

TOMATO TREE

1 Insufficient Sample	

1 Total for Tomato Tree	

TURNIP

1 Cercospora Leaf Spot	Cercospora brassicicola

1 Total for Turnip	

VEGETABLE GARDEN

1 Excess Soluble Salts	
1 Insects	
1 Low pH	
1 Pythium Damping-off	Pythium sp.

4 Total for Vegetable Garden	

Plant Disease Clinic

TREE FRUITS AND NUTS

APPLE

1 Botryosphaeria Canker	Botryosphaeria dothidea
1 Botryosphaeria Dieback	Botryosphaeria sp.
1 Burrknot	
5 Cedar-Apple Rust	Gymnosporangium juniperi-virginianae
1 Cold Injury	
1 Frogeye Leaf Spot	Physalospora obtusa
1 Insects	
2 Insufficient Sample	
1 San Jose Scales	
2 Scab	Venturia inaequalis
1 Varietal Characteristic	
1 Wood Decay	

18 Total for Apple	

APRICOT

1 Frost Injury

1 Total for Apricot

BANANA

1 Scorch

1 Total for Banana

CHERRY

2 Black Knot	Dibotryon morbosum
2 Brown Rot	Monilinia fructicola
1 Cause of Problem Unknown	
1 Environmental Stress	
1 Insufficient Sample	
1 Phomopsis Canker	Phomopsis mali

8 Total for Cherry	

CHESTNUT

1 Environmental Stress
1 Thrips
1 Weevils

3 Total for Chestnut

FILBERT

1 Frost Injury
1 Japanese Beetles

2 Total for Filbert

HICAN

1 Cultural Problem

1 Total for Hican

Plant Disease Clinic

MULBERRY

1 Insufficient Sample

1 Total for Mulberry

NECTARINE

1 Brown Rot

1 Total for Nectarine

Monilinia fructicola

PEACH

1 Brown Rot
1 Cicadas
2 Insects
1 Nutrient Deficiency
3 Peach Leaf Curl
1 Split Pit
1 Suspect Chemical Injury
2 Suspect Nutrient Deficiency

12 Total for Peach

Monilinia fructicola

Taphrina deformans

PEAR

1 Black Rot
1 Blister Mites
1 Cultural Problem
1 Entomosporium Leaf Spot
1 Environmental Stress
1 Eriophyid Mites
4 Fire Blight
2 Insects
2 Insufficient Sample
1 Lichens
2 Pear Leaf Blister Mites
1 Psyllids
1 Sooty Mold
1 Suspect Mites

20 Total for Pear

Botryosphaeria obtusa

Entomosporium mespili

Erwinia amylovora

PECAN

1 Cultural Problem
1 Environmental Stress
1 Powdery Mildew
2 Scab
2 Stinkbugs

7 Total for Pecan

Microsphaera penicillata
Cladosporium caryigenum

PLUM

4 Black Knot
1 Brown Rot
1 Insufficient Sample
1 Scales

7 Total for Plum

Dibotryon morbosum
Monilinia fructicola

Plant Disease Clinic

WALNUT

- 1 Anthracnose
- 1 Insufficient Sample
-
- 2 Total for Walnut

Gnomonia leptostyla

Plant Disease Clinic

STRAWBERRY

1 Anthracnose Fruit Rot	Colletotrichum sp.
1 Chemical Injury	
1 Cultural Problem	
1 Dendrophoma Leaf Blight	Dendrophoma obscurans
2 Environmental Stress	
1 Frost Injury	
1 Gray Mold	Botrytis cinerea
1 Healthy	
1 Heat Injury	
2 Insufficient Sample	
1 Leaf Scorch	Marssonina fragariae
3 Leaf Spot	Mycosphaerella fragariae
1 Leather Rot	Phytophthora cactorum
2 Lesion Nematodes	Pratylenchus sp.
1 Low pH	
1 Negative for Rhizoctonia	
1 Poor Drainage	
3 Pythium Root Rot	Pythium sp.
2 Rhizoctonia Leaf Blight	Rhizoctonia solani
3 Rhizoctonia Root Rot	Rhizoctonia sp.
2 Rootworms	

32 Total for Strawberry	

Plant Disease Clinic

HERBACEOUS ORNAMENTALS AND INDOOR PLANTS

AJUGA

1 Phomopsis Stem Dieback
3 Southern Blight

4 Total for Ajuga

Phomopsis sp.
Sclerotium rolfsii

AMARYLLIS

1 Cultural Problem

1 Total for Amaryllis

ANEMONE

1 Insufficient Sample

1 Total for Anemone

ANGELICA

1 Suspect Nutrient Imbalance

1 Total for Angelica

ASTER

1 Powdery Mildew

1 Total for Aster

Erysiphe cichoracearum

ASTILBE

1 Insufficient Sample

1 Total for Astilbe

BABY'S BREATH

1 Insufficient Sample

1 Total for Baby's Breath

BALLOON FLOWER

1 Rhizoctonia Crown Rot

1 Total for Balloon Flower

Rhizoctonia solani

BEGONIA

1 Powdery Mildew

1 Total for Begonia

Oidium begoniae

BERGENIA

1 Pythium Root Rot

1 Total for Bergenia

Pythium sp.

Plant Disease Clinic

BLUEBEARD

1 Phytophthora Stem and Root Rot

Phytophthora cinnamomi

1 Total for Bluebeard

CACTUS

1 Overwatering

1 Total for Cactus

CARDINAL FLOWER

1 Cultural Problem

1 Total for Cardinal Flower

CHRYSANTHEMUM

2 Insufficient Sample

1 Plant Bugs

1 Pythium Root Rot

Pythium sp.

1 Suspect Air Pollution

1 Verticillium Wilt

Verticillium dahliae

6 Total for Chrysanthemum

CLEMATIS

2 Environmental Stress

1 High pH

3 Total for Clematis

COLEUS

1 Botrytis Blight

Botrytis cinerea

1 Total for Coleus

CYCLAMEN

1 Cultural Problem

1 Total for Cyclamen

DAFFODIL

2 Environmental Stress

2 Total for Daffodil

DAHLIA

2 Insufficient Sample

1 Thrips

3 Total for Dahlia

Plant Disease Clinic

DAISY

1 Fungus Gnats
1 Web Blight

2 Total for Daisy

Rhizoctonia solani

DAYLILY

1 Insufficient Sample
1 Leaf Streak

2 Total for Daylily

Collecephalus hemerocalli

DEAD NETTLE

1 Insufficient Sample

1 Total for Dead Nettle

DIANTHUS

1 Alternaria Leaf Spot
1 Cause of Problem Unknown
1 Fusarium Stem Rot
1 Mites
1 Rhizoctonia Stem Rot
1 Rust
1 Slime Mold

7 Total for Dianthus

Alternaria sp.
Fusarium sp.
Rhizoctonia solani
Puccinia arenariae

DIEFFENBACHIA

1 Mites

1 Total for Dieffenbachia

DRACAENA

1 Pythium Root Rot

1 Total for Dracaena

Pythium sp.

EUPATORIUM

1 Insufficient Sample

1 Total for Eupatorium

FERN

1 Cultural Problem
1 Normal Senescence of Sporangia

2 Total for Fern

FUCHSIA

1 Environmental Stress

1 Total for Fuchsia

Plant Disease Clinic

GERANIUM

3 Botrytis Blight	Botrytis cinerea
1 Environmental Stress	
1 Insufficient Information	
2 Insufficient Sample	
2 Low pH	
1 Oedema	
1 Pythium Blackleg	Pythium sp.
1 Pythium Root Rot	Pythium sp.

12 Total for Geranium	

GLADIOLUS

1 Curvularia Leaf Blight	Curvularia trifolii f.sp gladioli
2 Thrips	

3 Total for Gladiolus	

GLOXINIA

1 Water Spots	

1 Total for Gloxinia	

GOATSB Beard

1 Cause of Problem Unknown	

1 Total for Goatsbeard	

GRAPE IVY

1 Cause of Problem Unknown	

1 Total for Grape Ivy	

GYPSOPHILA

1 Bacterial Soft Rot	Erwinia carotovora

1 Total for Gypsophila	

HELLEBORE

2 Pythium Root Rot	Pythium sp.
1 Rhizoctonia Root Rot	Rhizoctonia solani
1 Southern Blight	Sclerotium rolfsii

4 Total for Hellebore	

HOSTA

2 Environmental Stress	
1 Insufficient Sample	
1 Slime Mold	
1 Southern Blight	Sclerotium rolfsii

5 Total for Hosta	

Plant Disease Clinic

IMPATIENS

1 Alternaria Leaf Spot	Alternaria sp.
1 Bacterial Fasciation	Clavibacter fasciens
1 Cultural Problem	
1 Environmental Stress	
1 Insufficient Sample	
1 Powdery Mildew	Oidium sp.
1 Pythium Root Rot	Pythium sp.
2 Rhizoctonia Stem Rot	Rhizoctonia solani
1 Root Knot Nematodes	Meloidogyne sp.
1 Scales	

11 Total for Impatiens	

IRIS

2 Environmental Stress	
1 Heterosporium Leaf Spot	Heterosporium iridis
2 Insufficient Sample	
1 Soft Rot	Erwinia carotovora

6 Total for Iris	

JADE

1 Cause of Problem Unknown	
1 Cultural Problem	
1 Mealybugs	

3 Total for Jade	

LARKSPUR

1 Insufficient Sample	
1 Pythium Root Rot	Pythium sp.

2 Total for Larkspur	

LIATRIS

1 Insects	

1 Total for Liatris	

LILY

1 Pythium Root Rot	Pythium sp.

1 Total for Lily	

LILY-OF-THE-VALLEY

1 Environmental Stress	

1 Total for Lily-of-the-valley	

LIRIOPE

1 Environmental Stress	
1 Phytophthora Root Rot	Phytophthora cinnamomi

2 Total for Liriope	

Plant Disease Clinic

LISIANTHUS

1 Fusarium Root and Stem Rot	Fusarium solani

1 Total for Lisianthus	

LUPINE

1 Anthracnose	Colletotrichum sp.
1 Brown Spot	Pleiochaeta setosa
1 Pythium Root Rot	Pythium sp.
1 Suspect Chemical Injury	

4 Total for Lupine	

MADAGASCAR PERIWINKLE

1 Black Root Rot	Thielaviopsis basicola
1 Botrytis Blight	Botrytis cinerea
1 Phytophthora Blight	Phytophthora parasitica
1 Phytophthora Stem Rot	Phytophthora parasitica
1 Pythium Root Rot	Pythium sp.
1 Rhizoctonia Stem and Root Rot	Rhizoctonia solani

6 Total for Madagascar Periwinkle	

MARIGOLD

1 Alternaria Blight	Alternaria zinniae
1 Environmental Stress	
1 Insufficient Sample	
1 Suspect Chemical Injury	

4 Total for Marigold	

MONKSHOOD

1 Environmental Stress	

1 Total for Monkshood	

MORNING GLORY

1 Rust	Coleosporium ipomoeae

1 Total for Morning Glory	

MOUNTAIN BLUET

1 Environmental Stress	

1 Total for Mountain Bluet	

NEPHTHYTIS

1 Bacterial Leaf Spot	Xanthomonas vitians

1 Total for Nephthytis	

NORFOLK ISLAND PINE

1 Cause of Problem Unknown	

1 Total for Norfolk Island Pine	

Plant Disease Clinic

ORANGE

1 Insufficient Sample
1 Mealybugs
1 Sphaeropsis Knot Sphaeropsis tumefaciens
1 Suspect Oedema

4 Total for Orange

ORCHID

5 Cause of Problem Unknown
1 Environmental Stress
1 Insufficient Information
2 Insufficient Sample
1 Mesophyll Cell Collapse
3 Virus

13 Total for Orchid

PACHYSANDRA

2 Cause of Problem Unknown
1 Environmental Stress
1 Healthy
1 Insufficient Sample
7 Volutella Blight Volutella pachysandrae

12 Total for Pachysandra

PALM

1 Cultural Problem

1 Total for Palm

PANSY

2 Black Root Rot Thielaviopsis basicola
1 Botrytis Blight Botrytis sp.
1 Cercospora Leaf Spot Cercospora violae
1 Cultural Problem
3 Phytophthora Crown and Root Rot Phytophthora parasitica
1 Pythium Root Rot Pythium sp.
1 Rhizoctonia Stem Rot Rhizoctonia solani
1 Suspect Nutrient Imbalance

11 Total for Pansy

PEONY

1 Botrytis Blight Botrytis cinerea
2 Cladosporium Stem and Leaf Blotch Cladosporium paeoniae
3 Environmental Stress
2 Negative for Nematodes

8 Total for Peony

PERIWINKLE

1 Insufficient Sample
1 Southern Blight Sclerotium rolfsii

2 Total for Periwinkle

Plant Disease Clinic

PETUNIA

1 Environmental Stress

1 Total for Petunia

PHILODENDRON

1 Cultural Problem
1 Insufficient Sample

2 Total for Philodendron

PHLOX

1 Impatiens Necrotic Spot Virus
1 Mites
1 Powdery Mildew

3 Total for Phlox

Erysiphe cichoracearum

PLANT, UNKNOWN

1 Southern Blight

1 Total for Plant, Unknown

Sclerotium rolfsii

POINSETTIA

2 Chemical Injury
1 Cultural Problem
2 Low pH
1 Physiological Leaf Distortion
1 Suspect Nutrient Deficiency

7 Total for Poinsettia

PRAYER PLANT

1 Environmental Stress

1 Total for Prayer Plant

PRIMROSE

1 Cultural Problem

1 Total for Primrose

RED HOT POKER

1 Insufficient Sample

1 Total for Red Hot Poker

RUBBER PLANT

1 Environmental Stress

1 Total for Rubber Plant

Plant Disease Clinic

RUDBECKIA

1 Insufficient Sample

1 Total for Rudbeckia

SALVIA

1 Environmental Stress

1 Total for Salvia

SCABIOSA

1 Botrytis Blight

1 Total for Scabiosa

Botrytis cinerea

SCHEFFLERA

1 Cause of Problem Unknown

1 Total for Schefflera

SEDUM

1 Phytophthora Stem Rot
1 Root Aphids
1 Root Knot Nematodes

3 Total for Sedum

Phytophthora parasitica
Meloidogyne sp.

SPATHIPHYLLUM

1 Insufficient Sample

1 Total for Spathiphyllum

STRAWBERRY

1 Cause of Problem Unknown

1 Total for Strawberry

STRAWFLOWER

1 Suspect Fusarium Stem Rot

1 Total for Strawflower

SUNFLOWER

1 Cause of Problem Unknown

1 Total for Sunflower

SWEET WOODRUFF

1 Southern Blight

1 Total for Sweet Woodruff

Sclerotium rolfsii

Plant Disease Clinic

VERBENA

1 Powdery Mildew

1 Total for Verbena

Oidium sp.

VERONICA

1 Insufficient Sample
1 Phytophthora Root Rot

2 Total for Veronica

Phytophthora cinnamomi

VIRGINIA BLUE BELL

1 Chewing Injury

1 Total for Virginia Blue Bell

YELLOW ARCHANGEL

1 Rhizoctonia Stem and Root Rot

1 Total for Yellow Archangel

Rhizoctonia solani

ZINNIA

1 Botrytis Blight
1 Suspect Chemical Injury

2 Total for Zinnia

Botrytis cinerea

UNKNOWN

1 Insufficient Sample and Information

1 Total for Unknown

Plant Disease Clinic

WOODY ORNAMENTALS

AMPELOPSIS

1 Insufficient Sample

1 Total for Ampelopsis

ANISE TREE

1 Suspect Cold Injury

1 Total for Anise Tree

AUCUBA

1 Anthracnose

Colletotrichum gloeosporioides

1 Botryosphaeria Dieback

Botryosphaeria sp.

4 Insufficient Sample

6 Total for Aucuba

AZALEA

1 Anthracnose

Colletotrichum sp.

3 Cause of Problem Unknown

2 Cercospora Leaf Spot

Cercospora handelii

1 Cultural Problem

1 Deep Planting

13 Environmental Stress

2 High pH

1 Insects

3 Insufficient Information

22 Insufficient Sample

8 Lacebugs

1 Leaf and Flower Gall

Exobasidium vaccinii

5 Lichens

1 Low pH

1 Mites

1 Paria Leaf Beetles

11 Phomopsis Dieback

Phomopsis sp.

2 Phyllosticta Leaf Spot

Phyllosticta sp.

4 Phytophthora Root Rot

Phytophthora sp.

3 Rootbound

1 Suspect Environmental Stress

1 Suspect High pH

1 Suspect Rootbound

1 Waterlogging

90 Total for Azalea

BARBERRY

1 Cause of Problem Unknown

1 Environmental Stress

1 Insects

1 Webworms

4 Total for Barberry

BAYBERRY

1 Insufficient Sample

1 Total for Bayberry

Plant Disease Clinic

BEAR'S BREECHES

1 Older Leaf Senescence

1 Total for Bear's Breeches

BOSTON IVY

1 Phyllosticta Leaf Spot

1 Total for Boston Ivy

Phyllosticta ampellicida

BOXWOOD

1 Boxwood Mites
2 Cause of Problem Unknown
3 Cultural Problem
1 Dagger Nematodes
22 English Boxwood Decline
16 Environmental Stress
1 Excess Soil Moisture
1 Insects
3 Insufficient Information
18 Insufficient Sample
4 Leafminers
4 Lesion Nematodes
1 Lichens
1 Mites
1 Negative for Phytophthora
1 Negative for Root Rot Fungi
1 Nematodes
18 Phytophthora Root Rot
1 Pin Nematodes
2 Poor Drainage
4 Psyllids
5 Ring Nematodes
16 Spiral Nematodes
1 Suspect Cold Injury

128 Total for Boxwood

Xiphinema sp.
Paecilomyces buxi

Pratylenchus sp.

Phytophthora sp.
Paratylenchus sp.

Criconebella sp.
Helicotylenchus sp.

BUTTERFLY BUSH

3 Insufficient Sample
1 Phytophthora Root Rot

4 Total for Butterfly Bush

Phytophthora cinnamomi

CAMELLIA

1 Eriophyid mites
2 Frost Injury
1 Gray Blight
1 Mites
1 Winter Injury

6 Total for Camellia

Pestalotiopsis maculans

CANDYTUFT

1 Pythium Root Rot

1 Total for Candytuft

Pythium sp.

Plant Disease Clinic

CHASTETREE

1 Insufficient Information

1 Total for Chastetree

CHERRYLAUREL

1 Borers
2 Environmental Stress
1 Insects
1 Insufficient Sample
1 Phomopsis Dieback

6 Total for Cherrylaurel

Phomopsis sp.

CHINESE SWEETSHRUB

1 Insufficient Sample

1 Total for Sinocalycanthus

COTONEASTER

1 Cause of Problem Unknown
1 Environmental Stress
1 Insufficient Sample

3 Total for Cotoneaster

GRAPE MYRTLE

1 Chemical Injury
1 Frost Injury
1 Powdery Mildew
1 Suspect Chemical Injury

4 Total for Grape Myrtle

Erysiphe lagerstroemiae

DAPHNE

1 Insufficient Sample
1 Phytophthora Root Rot
1 Phytophthora Root and Stem Rot

3 Total for Daphne

Phytophthora parasitica
Phytophthora parasitica

DEUTZIA

1 Environmental Stress

1 Total for Deutzia

ENGLISH IVY

4 Anthracnose
2 Bacterial Leaf Spot
1 Cause of Problem Unknown
1 Insufficient Sample
3 Phyllosticta Leaf Spot
1 Phytophthora Root Rot

12 Total for English Ivy

Colletotrichum trichellum
Xanthomonas hederae

Phyllosticta sp.
Phytophthora parasitica

Plant Disease Clinic

EUONYMUS

3 Anthracnose	Colletotrichum sp.
2 Botryosphaeria Dieback	Botryosphaeria sp.
1 Chemical Injury	
1 Cold Injury	
4 Crown Gall	Agrobacterium tumefaciens
3 Environmental Stress	
2 Frost Injury	
1 Fusarium Canker	Fusarium lateritium
1 Insufficient Information	
7 Insufficient Sample	
1 Mites	
1 Phomopsis Dieback	Phomopsis sp.
1 Phytophthora Root Rot	Phytophthora sp.
1 Powdery Mildew	Microsphaera euonymi-japonici
5 Scales	
1 Suspect Environmental Stress	

35 Total for Euonymus	

FORSYTHIA

1 Botryosphaeria Dieback	Botryosphaeria sp.
1 Cause of Problem Unknown	
1 Eriophyid Mites	
2 Insufficient Sample	
1 Phomopsis Gall	Phomopsis sp.

6 Total for Forsythia	

GARDENIA

1 Aphids	
1 Cause of Problem Unknown	
1 Cultural Problem	
2 Insufficient Sample	

5 Total for Gardenia	

GERMANDER

1 Southern Blight	Sclerotium rolfsii

1 Total for Germander	

HIBISCUS

2 Chemical Injury	
1 Cultural Problem	
2 Insufficient Sample	
1 Japanese Beetles	
1 Mechanical Injury	

7 Total for Hibiscus	

Plant Disease Clinic

HOLLY

1 Anthracnose	Gloeosporium sp.
1 Bacterial Blight	Pseudomonas syringae
26 Black Root Rot	Thielaviopsis basicola
5 Botryosphaeria Dieback	Botryosphaeria sp.
4 Cause of Problem Unknown	
1 Chemical Injury	
1 Coniothyrium Leaf Spot	Coniothyrium sp.
1 Cultural Problem	
1 Deep Planting	
13 Environmental Stress	
1 Frost Injury	
1 Insufficient Information	
23 Insufficient Sample	
1 Mealybugs	
1 Mites	
1 Nutrient Deficiency	
1 Phomopsis Canker	Phomopsis sp.
4 Phytophthora Root Rot	Phytophthora cinnamomi
1 Rhizoctonia Root Rot	Rhizoctonia solani
2 Root Gall-Cause Unknown	
1 Rust	Chrysomyxa ilicina
2 Scales	
4 Sooty Mold	
1 Sunscorch	
2 Winter Injury	

100 Total for Holly	

HONEYSUCKLE

1 Thrips	

1 Total for Honeysuckle	

HYDRANGEA

1 Cause of Problem Unknown	
1 Chemical Injury	
3 Insufficient Sample	
1 Negative for Virus	
1 Powdery Mildew	Erysiphe polygona
1 Suspect Cercospora Leaf Spot	Cercospora sp.
1 Suspect Chemical Injury	

9 Total for Hydrangea	

HYPERICUM

1 Phytophthora Stem and Root Rot	Phytophthora cinnamomi

1 Total for Hypericum	

INKBERRY

1 Environmental Stress	
1 Insufficient Information	
2 Insufficient Sample	
1 Phytophthora Root Rot	Phytophthora sp.

5 Total for Inkberry	

Plant Disease Clinic

JUNIPER

1 Bark Beetles	
2 Cause of Problem Unknown	
2 Cultural Problem	
32 Environmental Stress	
1 Excess Soil Moisture	
1 Fasciation	
2 Insects	
1 Insufficient Information	
25 Insufficient Sample	
10 Mites	
1 Phomopsis Tip Blight	Phomopsis juniperovora
14 Phytophthora Root Rot	Phytophthora sp.
2 Poor Drainage	
1 Rootbound	
1 Suspect Environmental Stress	
1 Suspect Excess Soil Moisture	
1 Vole Damage	
2 Web Blight	Rhizoctonia solani
1 Webworms	
1 Winter Injury	

102 Total for Juniper	

LAUREL

1 Black Vine Weevils	

1 Total for Laurel	

LEUCOTHOE

1 Mites	
1 Phytophthora Root Rot	Phytophthora cinnamomi

2 Total for Leucothoe	

LILAC

1 Anthracnose	Colletotrichum gloeosporioides
2 Cause of Problem Unknown	
1 Environmental Stress	
1 Frost Injury	
2 Insufficient Sample	
2 Powdery Mildew	Microsphaera pencillata

9 Total for Lilac	

NANDINA

1 Cercospora Leaf Spot	Cercospora nandinae
1 Negative for Virus	
1 Suspect Environmental Stress	
1 Suspect Frost Injury	

4 Total for Nandina	

PHOTINIA

4 Entomosporium Leaf Spot	Entomosporium mespili
1 Frost Injury	
1 Insects	
1 Japanese Beetles	
2 Powdery Mildew	Oidium sp.
1 Witches' Broom	

10 Total for Photinia	

Plant Disease Clinic

PIERIS

1 Botryosphaeria Dieback	Botryosphaeria sp.
3 Insufficient Sample	
1 Mites	
1 Phomopsis Canker	Phomopsis sp.

6 Total for Pieris	

PLANTS, MISCELLANEOUS

1 Environmental Stress	
1 Frost Injury	
1 Insufficient Sample	

3 Total for Plants, Miscellaneous	

PYRACANTHA

1 Botryosphaeria Dieback	Botryosphaeria sp.
1 Cold Injury	
1 Environmental Stress	
1 Phomopsis Dieback	Phomopsis sp.
1 Scab	Spilocaea pyracanthae

5 Total for Pyracantha	

RHODODENDRON

1 Borers	
10 Botryosphaeria Dieback	Botryosphaeria sp.
1 Cause of Problem Unknown	
1 Cercospora Leaf Spot	Cercospora handelii
1 Chemical Residue	
5 Environmental Stress	
1 Galls-Cause Unknown	
1 Girdling Roots	
1 Gray Blight	Pestalotia sydowniana
1 Insufficient Information	
6 Insufficient Sample	
4 Lacebugs	
1 Mites	
1 Pestalotia Leaf Spot	Pestalotia rhododendri
7 Phytophthora Root Rot	Phytophthora sp.
1 Rootbound	
1 Scorch	
3 Sunscald	
1 Suspect Botryosphaeria Dieback	Botryosphaeria sp.
1 Suspect High pH	

49 Total for Rhododendron	

Plant Disease Clinic

ROSE

1 Aphids	
5 Black Spot	Diplocarpon rosae
1 Brown Canker	Cryptosporella umbrina
2 Chemical Injury	
1 Common Canker	Coniothyrium fuckelii
1 Environmental Stress	
1 Excess Soluble Salts	
2 Insufficient Sample	
1 Powdery Mildew	Sphaerotheca pannosa
1 Pythium Root Rot	Pythium sp.
1 Suspect Chemical Injury	
1 Suspect Cold Injury	
1 Thrips	
1 Virus	

20 Total for Rose	

ROSE MOSS

1 Rhizoctonia Stem Rot	Rhizoctonia solani

1 Total for Rose Moss	

RUSSIAN ARBORVITAE

1 Insufficient Sample	
1 Phytophthora Root Rot	Phytophthora cinnamomi
1 Poor Drainage	
1 Suspect Phytophthora Root Rot	Phytophthora sp.

4 Total for Russian Arborvitae	

SHRUB, UNKNOWN

1 Negative for Phytophthora	

1 Total for Shrub, Unknown	

SHRUBS, MISCELLANEOUS

3 Insufficient Sample	

3 Total for Shrubs, Miscellaneous	

SWEETSHRUB

1 Environmental Stress	

1 Total for Sweetshrub	

VIBURNUM

1 Bacterial Scorch	Xylella fastidiosa
1 Early Leaf Senescence	
1 Environmental Stress	
2 Insufficient Sample	
1 Winter Injury	

6 Total for Viburnum	

Plant Disease Clinic

WAX MYRTLE

1 Environmental Stress	
1 Septoria Leaf Spot	Septoria sp.

2 Total for Wax Myrtle	

WEIGELA

1 Phytophthora Root Rot	Phytophthora sp.
1 Pythium Root Rot	Pythium sp.

2 Total for Weigela	

WISTERIA

1 Mites	

1 Total for Wisteria	

WITCHHAZEL

2 Environmental Stress	

2 Total for Witchhazel	

YEW

1 Environmental Stress	
3 Insufficient Sample	
1 Mechanical Injury	
5 Phytophthora Root Rot	Phytophthora cinnamomi

10 Total for Yew	

Plant Disease Clinic

TREES

ARBORVITAE

1 Cause of Problem Unknown
1 Environmental Stress
1 Insufficient Information
6 Insufficient Sample
1 Seiridium Twig Canker Seiridium sp.
2 Sooty Mold
1 Winter Injury

13 Total for Arborvitae

ASH

3 Anthracnose Discula sp.
1 Ash Decline
1 Flower Galls
1 Suspect Chemical Injury
1 Suspect Eriophyid Mites

7 Total for Ash

BALDCYPRESS

1 Environmental Stress

1 Total for Baldcypress

BEECH

1 Environmental Stress
2 Insufficient Sample

3 Total for Beech

BIRCH

3 Anthracnose Gloeosporium sp.
1 Aphids
1 Cicada Injury
2 Environmental Stress
1 Red Heart Torula ligniperda
2 Septoria Leaf Spot Septoria betulicola
1 Suspect Environmental Stress

11 Total for Birch

BLACK GUM

1 Botryosphaeria Canker Botryosphaeria ribis
1 Cause of Problem Unknown
1 Insufficient Sample

3 Total for Black Gum

BUCKEYE

2 Environmental Stress

2 Total for Buckeye

Plant Disease Clinic

CEDAR

1 Insects
1 Insufficient Information
2 Insufficient Sample

4 Total for Cedar

CORKTREE

1 Environmental Stress

1 Total for Corktree

CRYPTOMERIA

1 Environmental Stress
2 Insufficient Sample
1 Suspect Environmental Stress
1 Winter Injury

5 Total for Cryptomeria

CYPRESS

1 Bagworms
1 Botryosphaeria Dieback Botryosphaeria sp.
1 Cause of Problem Unknown
1 Chemical Injury
1 Crystalline Residue
3 Environmental Stress
6 Insufficient Sample
2 Mechanical Injury
2 Seiridium Canker Seiridium cardinale
1 Winter Injury

19 Total for Cypress

DAWN REDWOOD

1 Cause of Problem Unknown

1 Total for Dawn Redwood

DOGWOOD

1 Anthracnose Colletotrichum gloeosporioides
1 Cercospora Leaf Spot Cercospora sp.
1 Cold Injury
8 Discula Anthracnose Discula destructiva
20 Environmental Stress
1 Frost Injury
1 Insects
9 Insufficient Sample
1 Mites
28 Powdery Mildew Oidium sp.
1 Scales
4 Scorch
6 Septoria Leaf Spot Septoria cornicola
4 Spot Anthracnose Elsinoe corni
1 Suspect Chemical Injury
1 Suspect Environmental Stress
1 Suspect Wood Decay
1 Thrips
1 Wood Decay

91 Total for Dogwood

Plant Disease Clinic

DOUGLASFIR

1 Cause of Problem Unknown
1 Environmental Stress
1 Insufficient Sample
2 Swiss Needle Cast

5 Total for Douglasfir

Phaeocryptopus gaeumannii

EASTERN RED CEDAR

2 Cedar-Apple Rust
1 Insufficient Sample
1 Phomopsis Tip Blight

4 Total for Eastern Red Cedar

Gymnosporangium juniperi-virginianae
Phomopsis juniperovora

ELM

1 Bacterial Wetwood
2 Dutch Elm Disease
1 Elm Bark Beetles
3 Insufficient Sample
1 Mechanical Injury
7 Negative for Dutch Elm Disease
2 Scales

17 Total for Elm

Ophiostoma ulmi

FALSECYPRESS

3 Environmental Stress
1 Web Blight

4 Total for Falsecypress

Rhizoctonia solani

FIR

1 Drought
6 Environmental Stress
7 Insufficient Sample
1 Phytophthora Root Rot

15 Total for Fir

Phytophthora cinnamomi

FRINGE TREE

1 Cause of Problem Unknown

1 Total for Fringe Tree

GOLDEN CHAIN TREE

1 Insufficient Sample

1 Total for Golden Chain Tree

GOLDEN-RAIN-TREE

1 Environmental Stress

1 Total for Golden-rain-tree

Plant Disease Clinic

HACKBERRY

1 Cause of Problem Unknown

1 Total for Hackberry

HAWTHORN

3 Cedar-Quince Rust
1 Cercospora Leaf Spot
1 Lacebugs

5 Total for Hawthorn

Gymnosporangium clavipes
Cercospora sp.

HEMLOCK

1 Damping-off
1 Deep Planting
4 Environmental Stress
3 Insufficient Sample
1 Mites
1 Seasonal Needle Drop
1 Suspect Chemical Injury
1 Woolly Adelgids

13 Total for Hemlock

Pythium sp.

HICKORY

1 Cause of Problem Unknown
1 Gnomonia Leaf Spot
2 Insect Galls
1 Insufficient Information
2 Insufficient Sample
2 Leaf Stem Galls
1 Powdery Mildew

10 Total for Hickory

Gnomonia caryae

Microsphaera penicillata

HONEYLOCUST

1 Plant Bugs
2 Thyronectria Canker

3 Total for Honeylocust

Thyronectria austroamericana

HORNBEAM

1 Insects

1 Total for Hornbeam

IRONWOOD

1 Environmental Stress

1 Total for Ironwood

JAPANESE SNOWBELL

1 Negative for Bacterial Scorch

1 Total for Japanese Snowbell

Plant Disease Clinic

JUNIPER

1 Environmental Stress
1 Insufficient Sample

2 Total for Juniper

LARCH

1 Larch Casebearers

1 Total for Larch

LINDEN

1 White Rot Schizophyllum commune

1 Total for Linden

LONDON PLANETREE

1 Botryosphaeria Dieback Botryosphaeria dothidea
1 Scorch

2 Total for London Planetree

MAGNOLIA

1 Bacterial Leaf Spot Pseudomonas syringae
1 Chemical Injury
6 Environmental Stress
1 Insufficient Sample
1 Leaf Miners
1 Powdery Mildew Oidium sp.
1 Squirrel Injury
1 Winter Injury

13 Total for Magnolia

MAPLE

6 Anthracnose Discula sp.
1 Anthracnose Kabatiella apocrypta
1 Bacterial Wetwood
1 Botryosphaeria Dieback Botryosphaeria sp.
3 Cause of Problem Unknown
1 Chimera
1 Cytospora Canker Cytospora sp.
1 Drought
11 Environmental Stress
1 Eriophyid Mites
2 Insect Galls
3 Insects
1 Insufficient Information
14 Insufficient Sample
2 Leafhoppers
2 Lichens
1 Mechanical Injury
1 Mites
1 Negative for Verticillium Wilt
1 Phyllosticta Leaf Spot Phyllosticta minima
2 Potato Leafhoppers Phyllosticta minima
4 Purple-eye Leaf Spot
4 Scorch Xylella fastidiosa
1 Suspect Bacterial Scorch
2 Suspect Chemical Injury
1 Suspect Squirrel Twig Pruning

69 Total for Maple

Plant Disease Clinic

MIMOSA

1 Insufficient Sample

1 Total for Mimosa

OAK

10 Anthracnose

2 Bacterial Scorch

1 Bacterial Wetwood

1 Cause of Problem Unknown

2 Chemical Injury

2 Cronartium Rust

3 Environmental Stress

1 Hypoxylon Canker

2 Insect Galls

6 Insects

1 Insufficient Information

6 Insufficient Sample

2 Iron Chlorosis

5 Lacebugs

2 Leaf Button Galls

2 Mechanical Injury

1 Mites

1 Oak Apple Galls

8 Oak Leaf Blister

1 Obscure Scales

1 Powdery Mildew

1 Rust-Unknown Pathogen

2 Scales

1 Skeletonizers

3 Sooty Mold

1 Squirrel Twig Pruning

1 Suspect Bacterial Wetwood

1 Suspect Chemical Injury

1 Suspect Tubakia Leaf Spot

13 Tubakia Leaf Spot

1 Vein Pocket Galls

1 Wool Sower Galls

86 Total for Oak

Apiognomonina quercina

Xylella fastidiosa

Cronartium strobilinum

Hypoxylon atropunctatum

Taphrina caerulescens

Oidium sp.

Tubakia dryina

Tubakia dryina

ORNAMENTAL CHERRY

1 Bacterial Blossom Blight

2 Botryosphaeria Canker

1 Cause of Problem Unknown

1 Frost Injury

1 Insects

2 Insufficient Sample

1 Mechanical Injury

1 Suspect Chemical Injury

1 White Rot

11 Total for Ornamental Cherry

Pseudomonas syringae pv. *syringae*

Botryosphaeria sp.

Trametes versicolor

Plant Disease Clinic

ORNAMENTAL CRABAPPLE

1 Cause of Problem Unknown	
1 Cedar-Apple Rust	Gymnosporangium juniperus-virginianae
2 Coniothyrium Leaf Spot	Coniothyrium pyrinum
1 Environmental Stress	
1 Fire Blight	Erwinia amylovora
1 Frog-eye Leaf Spot	Physalospora obtusa
1 Frost Injury	
1 Insects	
1 Insufficient Sample	
3 Scab	Venturia inequalis
1 Suspect Chemical Injury	

14 Total for Ornamental Crabapple	

ORNAMENTAL PEACH

1 Peach Leaf Curl	Taphrina deformans

1 Total for Ornamental Peach	

ORNAMENTAL PEAR

1 Cause of Problem Unknown	
1 Chemical Injury	
5 Environmental Stress	
1 Fire Blight	Erwinia amylovora
1 Frost Injury	
2 Insufficient Sample	
1 Physiological Problem	
1 Pubescent Stems	
1 Suspect Chemical Injury	

14 Total for Ornamental Pear	

PERSIMMON

1 Mechanical Injury	

1 Total for Persimmon	

PINE

3 Air Pollution	
1 Atropellis Twig Canker	Atropellis sp.
1 Borers	
5 Diplodia Tip Blight	Diplodia pinea
10 Environmental Stress	
1 Establishment Failure	
17 Insufficient Sample	
2 Phytophthora Root Rot	Phytophthora sp.
2 Pine Bark Adelgids	
1 Pine Thrips	
2 Pinewood Nematodes	Bursaphelenchus xylophilus
1 Pitch mass borers	
3 Procerum Root Disease	Leptographium procerum
1 Root Aphids	
1 Rootbound	
1 Sawflies	
1 Scales	
1 Seasonal Needle Drop	
1 Sheath Mites	
1 Sooty Mold	Scorias spongiosa
2 White Pine Weevils	

58 Total for Pine	

Plant Disease Clinic

POPLAR

1 Insufficient Sample

1 Total for Poplar

PUSSYWILLOW

1 Botryosphaeria Dieback Botryosphaeria dothidea

1 Total for Pussywillow

REDBUD

2 Botryosphaeria Dieback Botryosphaeria dothidea
1 Cause of Problem Unknown
1 Cold Injury
1 Environmental Stress
1 Excess Soil Moisture
3 Insufficient Sample

9 Total for Redbud

REDWOOD

1 Cause of Problem Unknown

1 Total for Redwood

SOURWOOD

1 Fusicladium Leaf Spot Fusicladium sp.

1 Total for Sourwood

SPRUCE

1 Bagworms
2 Cause of Problem Unknown
1 Cultural Problem
3 Cytospora Canker Cytospora sp.
6 Environmental Stress
1 Gall Adelgids
1 Insufficient Information
16 Insufficient Sample
4 Mites
5 Rhizosphaera Needle Blight Rhizosphaera kalkhoffii
1 Sirococcus Tip Blight Sirococcus conigenus
4 Stigmina Needle Cast Stigmina verrucosa
1 Suspect Cytospora Canker Cytospora sp.
1 Suspect Environmental Stress
1 Unknown Fibrous Material
2 White Pine Weevils

50 Total for Spruce

SWEET GUM

2 Insufficient Sample

2 Total for Sweet Gum

Plant Disease Clinic

SYCAMORE

2 Anthracnose
1 Suspect Environmental Stress

3 Total for Sycamore

Gnomonia platani

TULIP TREE

1 Environmental Stress
3 Insufficient Sample
1 Powdery Mildew

5 Total for Tulip Tree

Erysiphe liriiodendri

UMBRELLA PINE

1 High pH
1 Winter Injury

2 Total for Umbrella Pine

WILLOW

1 Black Canker
1 Rust
2 Scab
1 Woody Galls--Cause Unknown

5 Total for Willow

Physalospora miyabeana
Melampsora epitea
Venturia saliciperda

YELLOWHORN

1 Botrytis Blight

1 Total for Yellowhorn

Botrytis cinerea

YELLOWWOOD

1 Botrytis Blight
1 Senescence of Inflorescence

2 Total for Yellowwood

Botrytis cineria

ZELKOVA

1 Environmental Stress

1 Total for Zelkova

Plant Disease Clinic

TURF

BENTGRASS

1 Decay Fungus on Organic Fertilizer	
1 Fusarium Blight	Fusarium sp.
1 Melting-out	Bipolaris sorokiniana

3 Total for Bentgrass	

BERMUDAGRASS

1 Helminthosporium Crown Rot	Exserohilum rostratum
1 Suspect Environmental Stress	

2 Total for Bermudagrass	

BLUEGRASS

5 Brown Patch	Rhizoctonia solani
1 Dollar Spot	Sclerotinia homeocarpa
2 Environmental Stress	
4 Excess Thatch	
1 Helminthosporium Leaf Spot	Drechslera dictyoides
1 Insufficient Sample	
1 Melting Out	Drechslera poae
1 Ring Nematodes	Criconebella sp.

16 Total for Bluegrass	

FESCUE

13 Brown Patch	Rhizoctonia solani
1 Cause of Problem Unknown	
1 Cultural Problem	
1 Dollar Spot	Sclerotinia homeocarpa
2 Drought	
2 Dull Mower Injury	
3 Environmental Stress	
3 Excess Thatch	
2 Helminthosporium Blight	Drechslera dictyoides
1 Helminthosporium Leaf Spot	Bipolaris sorokiniana
2 Insufficient Sample	
1 Red Thread	Laetisaria fuciformis
1 Roughstalk Bluegrass Encroachment	Poa trivialis
1 Rust	Puccinia graminis
1 Stripe Smut	Ustilago striiformis
1 Suspect Fusarium Blight	Fusarium sp.
1 Suspect Nutrient Deficiency	
1 White Patch	Melanotus philipsii

38 Total for Fescue	

RYEGRASS

1 Brown Patch	Rhizoctonia solani

1 Total for Ryegrass	

ST. AUGUSTINEGRASS

1 Cause of Problem Unknown	
1 Environmental Stress	

2 Total for St. Augustinegrass	

Plant Disease Clinic

TURFGRASS

1 Black Layer	
11 Brown Patch	Rhizoctonia solani
1 Cause of Problem Unknown	
1 Chemical Injury	
1 Creeping Bentgrass Encroachment	Agrostis palustris
1 Cultural Problem	
2 Dollar Spot	Sclerotinia homeocarpa
3 Environmental Stress	
7 Excess Thatch	
1 Gray Leaf Spot	Pyricularia grisea
1 Grubs	
1 Helminthosporium Blight	Drechslera dictyoides
2 Helminthosporium Leaf Spot	Bipolaris sorokiniana
2 Insufficient Sample	
1 Leptosphaerulina Leaf Blight	Leptosphaerulina australis
2 Moss	
1 Nutrient Deficiency	
3 Red Thread	Laetisaria fuciformis
1 Stem and Crown Necrosis	Bipolaris sp.
3 Suspect Environmental Stress	

46 Total for Turfgrass	

ZOYSIA

1 Excess Thatch	
2 Suspect Zoysia Patch	Rhizoctonia solani

3 Total for Zoysia	

