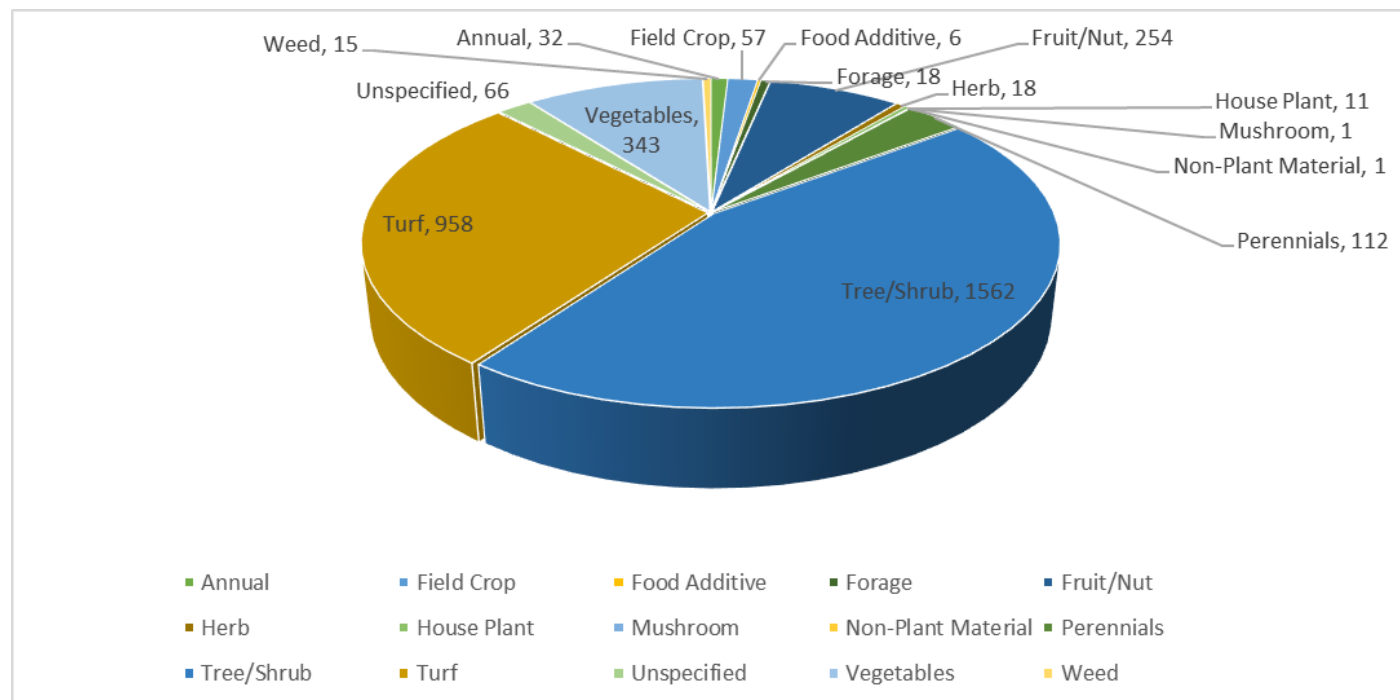


Plant Health Clinic 2023 Summary Report

The Plant Health Clinic received 3354 plant samples for calendar year 2023. Horticultural samples continue to follow the trend of recent years by comprising the largest percentage of samples received. The largest category of samples in 2023 was for the category Trees/shrubs (45%) with 1562 samples, followed by Turf (28%), with 958 samples, Vegetables (10%), with 343 samples Fruit/nut (7%), with 254 samples, Perennials (3%) with 112 samples, with 57 samples, Field Crops (1%), Unspecified (2%) with 66 samples. Unspecified are samples the county agent did not give a host name for. Annuals (1%), with 32 samples, Forage (1%) with 18 samples, Herb (1%) with 18 samples, and weeds, non-food additives, mushrooms, and non-plant material making up the remaining (1%).

Plant Health Clinic Samples January 1, 2023-January 1, 2024



Plant Health Samples by Commodity	Number of Samples
Annuals	32
Field Crop	57
Forage	18
Fruit/Nut	254
Herb	18
House Plant	11
Mushroom	1
Food additive	6
Non-plant Material	1
Perennials	112
Tree/Shrub	1562
Turf	958
Unspecified	66
Vegetables	343
Weed	15
Total	3454

District	Plant Health Samples Submitted
Out of State	5
Delta	512
Ouachita	1497
Ozark	1116
Total	3130

Month	Plant Health Samples Submitted
January	42
Week 2	8
Week 3	14
Week 4	13
Week 5	3
Week 6	4
February	54
Week 10	3
Week 6	3
Week 7	18
Week 8	19
Week 9	11

March	77
Week 10	10
Week 11	14
Week 12	16
Week 13	14
Week 14	23
April	186
Week 14	7
Week 15	32
Week 16	31
Week 17	40
Week 18	76
May	483
Week 19	83
Week 20	114
Week 21	136
Week 22	100
Week 23	50
June	664
Week 23	79
Week 24	184
Week 25	118
Week 26	161
Week 27	122
July	416
Week 27	21
Week 28	99
Week 29	100
Week 30	121
Week 31	75
August	532
Week 32	105
Week 33	94
Week 34	107
Week 35	143
Week 36	83
September	341
Week 36	30
Week 37	64
Week 38	120
Week 39	69
Week 40	58
October	220
Week 40	1
Week 41	64
Week 42	73

Week 43	40
Week 44	35
Week 45	7
November	72
Week 45	21
Week 46	21
Week 47	18
Week 48	8
Week 49	4
December	43
Week 49	9
Week 50	9
Week 51	24
Week 52	1

Plant Health Total 3130

County	Plant Health Samples Submitted	County	Plant Health Clinic Samples Submitted
Arkansas	18	Baxter	70
Benton	158	Boone	18
Bradley	14	Carroll	23
Clark	17	Clay	45
Cleburne	12	Cleveland	3
Columbia	2	Conway	4
Craighead	127	Crawford	18
Crittenden	44	Cross	29
Desha	1	Drew	3
Faulkner	53	Franklin	7
Fulton	9	Garland	443
Grant	37	Greene	9
Hempstead	5	Hot Spring	25
Howard	14	Independence	11
Izard	20	Jackson	32
Johnson	7	Lafayette	4
Lawrence	13	Lee	2
Lincoln	3	Little River	11
Logan	5	Lonoke	38
Madison	4	Marion	61
Monroe	14	Montgomery	8
NA	2	Nevada	3
Newton	4	Ouachita	2
Out of State	3	Perry	6
Phillips	8	Pike	7
Poinsett	10	Polk	6

Pope	90	Prairie	6
County	Plant Health	County	Plant Health Clinic
	Samples		Samples
	Submitted		Submitted
Pulaski	428	Randolph	2
Saline	436	Searcy	3
Sebastian	28	Sevier	6
Sharp	11	St. Francis	20
Stone	2	Van Buren	3
Washington	491	White	72
Woodruff	11	Yell	4
Plant Health Total 3130			

Comprehensive DDDI Database Host-Disease Diagnosis List (2023/01/01-2023/05/21)

- 1 - Anthracnose, *Colletotrichum acutatum*
Confirmed: 1
- 1 - Anthracnose, *Colletotrichum fragariae*
Confirmed: 1
- 5 - Anthracnose, *Colletotrichum orbiculare*
Confirmed: 5
- 7 - Anthracnose, *Discula quercina*
Confirmed: 7
- 1 - Dogwood anthracnose, *Discula destructiva*
Confirmed: 1
- 5 - Anthracnose, *Elsinoe* sp./spp.
Confirmed: 3
Suspected: 2
- 1 - Anthracnose, *Gloeosporium* sp./spp.
Confirmed: 1
- 1 - Anthracnose, *Glomerella* sp./spp.
Suspected: 1
- 2 - Anthracnose, *Gnomonia caryae*
Confirmed: 2
- 1 - Anthracnose, *Colletotrichum graminicola*
Confirmed: 1

- 1 - Anthracnose fruit rot, *Colletotrichum acutatum*
Confirmed: 1
- 5 - Botrytis blight, *Botrytis* sp./spp.
Confirmed: 4
Suspected: 1
- 3 - Brown rot, *Monilia* sp./spp.
Confirmed: 3
- 19 - Fire blight, *Erwinia amylovora*
Confirmed: 18
Suspected: 1
- 1 - Sirococcus needle blight, *Sirococcus* sp./spp.
Confirmed: 1
- 47 - Spring dead spot, *Ophiosphaerella* sp./spp.
Confirmed: 47
- 1 - Tulip fire; Blight, *Botrytis tulipae*
Confirmed: 1
- 1 - Oak twig blight, *Coryneum kunzei*
Confirmed: 1
- 1 - Aerial stem blight, *Phytophthora* sp./spp.
Confirmed: 1
- 2 - Bacterial blight, *Pseudomonas syringae syringae*
Confirmed: 2
- 1 - Soybean bacterial blight, *Pseudomonas syringae* pv. *glycinea*
Confirmed: 1
- 1 - Walnut (Bacterial) blight, *Xanthomonas campestris* pv. *juglandis*
Suspected: 1
- 2 - Alternaria blotch (Apple), *Alternaria mali*
Confirmed: 2
- 2 - Hydrangea leaf blotch, *Septoria hydrangeae*
Confirmed: 2
- 1 - Macrophoma canker, *Macrophoma* sp./spp.

Confirmed: 1

1 - Sphaeropsis canker, *Sphaeropsis* sp./spp.

Confirmed: 1

3 - Maple canker, *Stegonsporium* sp./spp.

Confirmed: 3

25 - Cypress canker, *Seiridium cardinale*

Confirmed: 19

Suspected: 6

2 - Dieback; Canker, *Diplodia* sp./spp.

Confirmed: 2

2 - Pestalotia dieback, *Pestalotia* sp./spp.

Confirmed: 2

3 - Rose brown canker, *Cryptosporella umbrina*

Confirmed: 1

Suspected: 2

21 - Bacterial canker, *Clavibacter michiganensis michiganensis*

Confirmed: 20

Suspected: 1

4 - Bacterial canker, *Pseudomonas syringae*

Confirmed: 2

Suspected: 2

3 - Bacterial canker, *Pseudomonas syringae syringae*

Confirmed: 3

4 - Crown gall, *Agrobacterium tumefaciens*

Confirmed: 2

Not Detected: 2

1 - Leaf blister, *Taphrina* sp./spp.

Confirmed: 1

2 - Oak leaf blister, *Taphrina caerulescens*

Confirmed: 1

Suspected: 1

1 - Basal shoot proliferation, *Rhodococcus fascians*

Suspected: 1

4 - Cucurbit downy mildew, *Pseudoperonospora cubensis*
Confirmed: 2
Suspected: 2

1 - Powdery mildew, *Erysiphe* sp./spp.
Suspected: 1

2 - Black mold, *Aspergillus niger*
Confirmed: 2

1 - Oak decline, Complex of Biotic; Abiotic Factors
Suspected: 1

3 - Fusarium wilt, *Fusarium oxysporum*
Confirmed: 3

19 - Verticillium wilt, *Verticillium* sp./spp.
Confirmed: 11
Suspected: 8

3 - Verticillium wilt, *Verticillium dahliae*
Confirmed: 1
Suspected: 2

3 - Littleleaf disease, *Phytophthora cinnamomi*
Confirmed: 1
Suspected: 2

11 - Cucurbit bacterial wilt, *Erwinia tracheiphila*
Confirmed: 8
Suspected: 3

3 - Black rot, *Xanthomonas campestris*
Confirmed: 3

8 - Charcoal rot, *Macrophomina phaseolina*
Confirmed: 7
Suspected: 1

2 - Fungal wood rot, *Schizophyllum commune*
Confirmed: 2

1 - Mummy berry, *Monilinia vaccinii-corymbosi*
Suspected: 1

- 2 - Fusarium root rot, *Fusarium* sp./spp.
Confirmed: 2
- 1 - Root rot, *Ganoderma* sp./spp.
Confirmed: 1
- 3 - Rhizoctonia root rot, *Rhizoctonia* sp./spp.
Confirmed: 3
- 8 - Bacterial stem rot, *Erwinia carotovora carotovora*
Confirmed: 8
- 1 - Rhizoctonia stem rot, *Rhizoctonia* sp./spp.
Confirmed: 1
- 1 - Choanephora wet rot, *Choanephora* sp./spp.
Confirmed: 1
- 149 - Crown and root rot, *Phytophthora* sp./spp.
Confirmed: 109
Suspected: 40
- 1 - Bacterial soft rot, *Erwinia carotovora carotovora*
Confirmed: 1
- 1 - Potato leak, *Pythium debaryanum*
Suspected: 1
- 2 - Wood rot fungus, *Ganoderma* sp./spp.
Confirmed: 2
- 1 - Wood rot fungus, *Phellinus* sp./spp.
Confirmed: 1
- 11 - Rust, *Gymnosporangium* sp./spp.
Confirmed: 11
- 1 - Iris rust, *Puccinia iridis*
Confirmed: 1
- 2 - Daylily rust, *Puccinia hemerocallidis*
Confirmed: 2
- 1 - Orange rust, *Gymnoconia nitens*
Confirmed: 1

- 1 - Botrytis damping off, Botrytis sp./spp.
Confirmed: 1
- 1 - Angular leaf spot, Pseudomonas syringae
Confirmed: 1
- 3 - Cucurbit angular leaf spot, Pseudomonas syringae pv. lachrymans
Confirmed: 3
- 1 - Cotton angular leaf spot, Xanthomonas campestris pv. malvacearui
Suspected: 1
- 1 - Frogeye leaf spot; Black rot, Botryosphaeria obtusa
Suspected: 1
- 4 - Alternaria leaf spot, Alternaria sp./spp.
Confirmed: 3
Suspected: 1
- 9 - Cercospora leaf spot, Cercospora sp./spp.
Confirmed: 9
- 5 - Fungal leaf spot, Cercospora hydrangeae
Confirmed: 5
- 5 - Entomosporium leaf spot, Entomosporium sp./spp.
Confirmed: 5
- 1 - Macrophoma leaf spot, Macrophoma sp./spp.
Confirmed: 1
- 2 - Phoma leaf spot, Phoma sp./spp.
Confirmed: 2
- 1 - Phomopsis leaf spot, Phomopsis sp./spp.
Confirmed: 1
- 4 - Phyllosticta leaf spot, Phyllosticta sp./spp.
Confirmed: 4
- 70 - Phytophthora leaf spot, Phytophthora sp./spp.
Confirmed: 13
Not Detected: 57
- 7 - Maple leaf spot, Phyllosticta minima
Confirmed: 7

- 1 - Leaf spot, *Pseudocercospora* sp./spp.
Suspected: 1
- 2 - Stemphylium leaf spot, *Stemphylium* sp./spp.
Confirmed: 2
- 5 - Leaf spot, *Tubakia dryina*
Confirmed: 4
Suspected: 1
- 1 - Lichenized algal leaf spot, *Strigula* sp./spp.
Confirmed: 1
- 20 - Tomato bacterial speck, *Pseudomonas* tomato
Confirmed: 20
- 1 - Maple tar spot, *Rhytisma acerinum*
Confirmed: 1
- 1 - Bacterial mosaic, *Clavibacter michiganensis* *tessellarius*
Confirmed: 1
- 1 - Bacterial speck, *Pseudomonas syringae* PV. *tomato*
Confirmed: 1
- 1 - Bacterial leaf spot, *Xanthomonas campestris* pv. *maculifoliigard*
Confirmed: 1
- 1 - Bacterial leaf spot, *Pseudomonas* sp./spp.
Confirmed: 1
- 1 - Crucifer bacterial leaf spot, *Pseudomonas syringae* PV. *maculicola*
Confirmed: 1
- 3 - Bacterial leaf spot, *Xanthomonas* sp./spp.
Confirmed: 3
- 1 - Bean brown spot blight, *Pseudomonas syringae*
Confirmed: 1
- 1 - Bulb mite, *Rhizoglyphus* sp./spp.
Confirmed: 1
- 1 - Bermudagrass mite, *Eriophyes cynodoniensis*
Confirmed: 1

- 1 - Pear leaf blister mite, *Phytoptus pyri*
Confirmed: 1
- 2 - Maple bladder gall mite, *Vasates quadripedes*
Confirmed: 2
- 5 - Purple camellia mite, *Calacarus carinatus*
Confirmed: 5
- 2 - Baldcypress rust mite, *Epitrimerus taxodii*
Confirmed: 2
- 32 - Spider mites, Family Tetranychidae
Confirmed: 31
Suspected: 1
- 2 - Spider mite, *Tetranychus* sp./spp.
Confirmed: 2
- 2 - Pecan leaf scorch mite, *Eotetranychus hicoriae*
Confirmed: 2
- 1 - Booklice, Family Psocidae
Confirmed: 1
- 1 - Rednecked cane borer, *Agrilus ruficollis*
Confirmed: 1
- 1 - Flatheaded appletree borer, *Chrysobothris femorata*
Suspected: 1
- 1 - Soybean stem borer, *Dectes texanus*
Confirmed: 1
- 1 - Oak twig pruner, *Anelaphus parallelus*
Confirmed: 1
- 10 - Flea beetles, Subfamily Alticinae
Confirmed: 9
Suspected: 1
- 1 - Coreopsis leaf beetle, *Calligrapha californica*
Confirmed: 1
- 1 - Weevils, Family Curculionidae

Confirmed: 1

2 - Pales weevil, *Hylobius pales*

Confirmed: 2

16 - Billbug, *Sphenophorus* sp./spp.

Confirmed: 15

Suspected: 1

1 - Pine weevils, Family Curculionidae

Confirmed: 1

1 - White grubs (Scarab beetles), Family Scarabaeidae

Confirmed: 1

1 - May beetles, Family Scarabaeidae

Suspected: 1

1 - Japanese beetle, *Popillia japonica*

Confirmed: 1

1 - Shothole borer, *Scolytus rugulosus*

Confirmed: 1

1 - Boxwood leafminer, *Monarthropalpus flavus* (buxi)

Confirmed: 1

2 - Squash bug, *Anasa tristis*

Confirmed: 2

1 - Large milkweed bug, *Oncopeltus fasciatus*

Confirmed: 1

1 - Stink bugs, Family Pentatomidae

Confirmed: 1

3 - Lace bugs, Family Tingidae

Confirmed: 3

1 - Sycamore lace bug, *Corythucha ciliata*

Confirmed: 1

1 - Ash lace bug, *Leptoypha minor*

Confirmed: 1

8 - Azalea lace bug, *Stephanitis pyrioides*

Confirmed: 8

4 - Whiteflies, Family Aleyrodidae

Confirmed: 4

1 - Black pecan aphid, *Melanocallis caryaefoliae*

Confirmed: 1

1 - Cottony camellia scale, *Pulvinaria floccifera*

Confirmed: 1

1 - Juniper scale, *Carulaspis juniperi*

Confirmed: 1

2 - Camellia scale, *Lepidosaphes camelliae*

Confirmed: 2

1 - Gloomy scale, *Melanaspis tenebricosa*

Confirmed: 1

1 - White peach scale, *Pseudaulacaspis pentagona*

Confirmed: 1

2 - Euonymus scale, *Unaspis euonymi*

Confirmed: 2

2 - Azalea bark scale, *Eriococcus azaleae*

Confirmed: 2

4 - Flatid planthoppers, Family Flatidae

Confirmed: 4

3 - Threecornered alfalfa hopper, *Spissistilus festinus*

Confirmed: 2

Suspected: 1

2 - Pecan Phylloxera, *Phylloxera devastatrix*

Confirmed: 2

2 - Pecan leaf Phylloxera, *Phylloxera notabilis*

Confirmed: 2

1 - Hickory leaf stem gallmakers, *Phylloxera* sp./spp.

Confirmed: 1

4 - Mealybugs, Family Pseudococcidae

Confirmed: 4

3 - Pine bark adelgid, *Pineus strobi*

Confirmed: 3

1 - Hibiscus sawfly (Hollyhock), *Atomacera decepta*

Suspected: 1

1 - Oriental fruit moth braconid, *Macrocentrus ancyllivorus*

Confirmed: 1

1 - Oak apple galls, Family Cynipidae

Confirmed: 1

1 - Gouty oak gall wasp, *Callirhytis quercus*

Confirmed: 1

1 - Common sawflies, Family Tenthredinidae

Confirmed: 1

3 - Roseslug, *Endelomyia aethiops*

Confirmed: 3

1 - Fall webworm, *Hyphantria cunea*

Suspected: 1

1 - Juniper gelechiid moth, *Stenolechia bathrodyas*

Suspected: 1

4 - Solitary oak leafminer, *Cameraria hamadryadella*

Confirmed: 4

5 - Oak skeletonizer, *Bucculatrix ainsliella*

Confirmed: 3

Undetermined: 2

1 - Elder shoot borer, *Achatodes zeae*

Suspected: 1

3 - Iris borer, *Macronoctua onusta*

Confirmed: 1

Suspected: 2

1 - Stalk borer, *Papaipema nebris*

Confirmed: 1

- 5 - Bagworm moths, Family Psychidae
Confirmed: 5
- 1 - Bagworm, *Thyridopteryx ephemeraeformis*
Confirmed: 1
- 2 - Lesser canna leafroller, *Geshna cannalis*
Confirmed: 2
- 1 - Barberry webworm, *Omphalocera dentosa*
Suspected: 1
- 1 - Pine webworm, *Pococera robustella*
Confirmed: 1
- 3 - Clearwing borers, Family Sesiidae
Suspected: 3
- 1 - Raspberry crown borer, *Pennisetia marginata*
Confirmed: 1
- 1 - Maple callus borer, *Synanthedon acerni*
Confirmed: 1
- 1 - Sunflower bud moth, *Suleima helianthana*
Confirmed: 1
- 2 - Cypress tip moth, *Argyresthia cupressella*
Confirmed: 1
Suspected: 1
- 1 - Mantispids, Family Mantispidae
Suspected: 1
- 1 - Moss, General
Confirmed: 1
- 1 - Sedge, *Cyperus* sp./spp.
Confirmed: 1
- 5 - Lichens, Lichenes
Confirmed: 5
- 10 - Chemical injury, Abiotic disorder
Suspected: 10

10 - Chemical; Environmental injury, Abiotic disorder
Confirmed: 1
Suspected: 9

2 - High soluble salt, Abiotic disorder
Suspected: 2

66 - Herbicide injury; Exposure, Abiotic disorder
Suspected: 66

2 - Herbicide drift, Abiotic disorder
Suspected: 2

1 - Mechanical damage, Abiotic disorder
Confirmed: 1

44 - Sunscald, Abiotic disorder
Confirmed: 11
Suspected: 33

1 - Nutritional pathology, Abiotic disorder
Suspected: 1

10 - Nutritional deficiency, Abiotic disorder
Suspected: 10

1 - High pH damage, Abiotic disorder
Suspected: 1

2 - Planting too deep, Abiotic disorder
Confirmed: 2

2 - Soil compaction, Abiotic disorder
Suspected: 2

11 - Scorch, Abiotic disorder
Confirmed: 5
Suspected: 6

61 - High temperature damage, Abiotic disorder
Confirmed: 2
Suspected: 59

4 - Drought stress damage, Abiotic disorder
Confirmed: 1
Suspected: 3

- 2 - Transplant shock; Stress, Abiotic disorder
Suspected: 2
- 23 - Oedema; Edema, Abiotic disorder
Confirmed: 23
- 11 - Natural senescence, Abiotic disorder
Confirmed: 6
Suspected: 5
- 1 - Root problems, Abiotic disorder
Suspected: 1
- 1 - Potassium deficiency, Abiotic disorder
Suspected: 1
- 1 - Phosphorus deficiency, Abiotic disorder
Confirmed: 1
- 13 - Excessive water, Abiotic disorder
Confirmed: 2
Suspected: 11
- 1 - Blossom end rot, Abiotic disorder
Confirmed: 1
- 3 - Septoria leaf blight, *Septoria lycopersici*
Confirmed: 2
Suspected: 1
- 1 - Physiological drought, Abiotic disorder
Confirmed: 1
- 1 - Canker, Unidentified fungus
Confirmed: 1
- 1 - Basal canker; Butt rot, *Kretzschmaria deusta*
Suspected: 1
- 18 - Bacterial wilt, *Ralstonia solanacearum*
Confirmed: 18
- 11 - Bacterial wetwood; Slime flux, Various Pathogens
Confirmed: 9
Suspected: 2

- 1 - Wood rot fungus, *Inonotus* sp./spp.
Suspected: 1
- 1 - Leafspot, *Mycosphaerella cercidicola*
Confirmed: 1
- 11 - Viruses, Viruses
Not Detected: 10
Suspected: 1
- 1 - Boxwood psyllid, *Cacopsylla buxi*
Suspected: 1
- 4 - Yellow-bellied sapsucker, *Sphyrapicus varius*
Confirmed: 4
- 5 - Dogwood powdery mildew, *Erysiphe pulchra*
Confirmed: 5
- 1 - Cucurbit Septoria leaf spot, *Septoria cucurbitacearum*
Confirmed: 1
- 1 - Ascochyta leaf and pod spot, *Ascochyta pisi*
Confirmed: 1
- 4 - Phytophthora stem rot, *Phytophthora nicotianae* var. *parasitica*
Confirmed: 3
Suspected: 1
- 1 - Cedar-quince rust, *Gymnosporangium clavipes*
Confirmed: 1
- 5 - Pestalotia leaf blight, *Pestalotia cryptomeriae*
Confirmed: 3
Suspected: 2
- 4 - Septoria leaf spot, *Septoria lycopersici*
Confirmed: 2
Suspected: 2
- 1 - Bacterial leaf spot, Unidentified Bacteria
Confirmed: 1
- 10 - Freeze; Frost; Cold damage, Abiotic disorder
Confirmed: 3

Suspected: 7

3 - Watermelon Fusarium wilt, *Fusarium oxysporum* f.sp. *niveum*

Confirmed: 2

Suspected: 1

1 - Anthracnose; *Colletotrichum* leaf spot, *Colletotrichum* sp./spp.

Confirmed: 1

1 - Early blight; Leaf spot, *Alternaria solani*

Confirmed: 1

2 - Cytospora canker; Dieback, *Cytospora* sp./spp.

Suspected: 2

8 - Dieback; Canker; Twig blight, *Botryosphaeria* sp./spp.

Confirmed: 8

1 - Stem rot; Dieback; Canker, *Botryodiplodia* sp./spp.

Confirmed: 1

4 - Wood boring beetles, Order coleoptera

Confirmed: 3

Suspected: 1

28 - Scale insects, Order homoptera

Confirmed: 28

1 - Squash vine borer, *Melittia cucurbitae*

Confirmed: 1

2 - Spot anthracnose, *Elsinoe corni*

Confirmed: 2

1 - Spot anthracnose, *Elsinoe veneta*

Confirmed: 1

2 - Pine beetles, Family Scolytidae

Confirmed: 1

Undetermined: 1

290 - Take all, *Gaeumannomyces graminis* var. *avenae*

Confirmed: 288

Suspected: 2

1 - Anthracnose; Leaf spot, *Colletotrichum trichellum*

Confirmed: 1

3 - Kabatina tip blight; Needle blight, Kabatina juniperi

Confirmed: 3

2 - Wood rot; White rot, Irpex lacteus

Suspected: 2

1 - Wood rot fungus; Dryadeus root rot, Inonotus dryadeus

Confirmed: 1

3 - Cedar-apple rust, Gymnosporangium juniperi-virginianae

Confirmed: 3

1 - Anthracnose, Cryptocline betularum

Confirmed: 1

3 - Twig blight, Monilinia azaleae

Confirmed: 3

19 - Pestalotiopsis needle blight; Tip blight, Pestalotiopsis sp./spp.

Confirmed: 19

1 - Mallow rust; Hollyhock rust, Puccinia malvacearum

Confirmed: 1

3 - Pine wilt nematode (Pinewood), Bursaphelenchus xylophilus

Suspected: 3

136 - Pythium blight; Cottony blight, Pythium sp./spp.

Confirmed: 135

Suspected: 1

2 - Phomopsis tip blight; Needle blight, Phomopsis juniperovora

Confirmed: 2

1 - Leaf spot and dieback, Alternaria zinniae

Confirmed: 1

4 - Phomopsis dieback; Tip blight; Canker, Phomopsis sp./spp.

Confirmed: 4

1 - Powdery mildew, Phyllactinia guttata

Confirmed: 1

51 - Pythium root and/or crown rot, Pythium sp./spp.

Confirmed: 48

Suspected: 3

5 - Soybean Phytophthora root and stem rot, *Phytophthora sojae*

Confirmed: 5

1 - Fusarium crown; Foot rot, *Fusarium solani* f.sp. *cucurbitae*

Confirmed: 1

2 - Rust; Leaf rust, *Puccinia zoysiae*

Confirmed: 2

1 - Leaf rust; Rust, *Puccinia* sp./spp.

Confirmed: 1

3 - Pythium damping off, *Pythium* sp./spp.

Confirmed: 3

4 - Tomato; Pepper bacterial spot, *Xanthomonas campestris* pv. *vesicatoria*

Confirmed: 4

1 - Pestalotiopsis canker/ dieback, *Pestalotiopsis* sp./spp.

Confirmed: 1

1 - Sirococcus shoot/tip blight; Blight, *Sirococcus strobilinus*

Confirmed: 1

3 - Insects, Class insecta

Confirmed: 1

Not Detected: 2

1 - Cladosporium leaf spot, *Cladosporium* sp./spp.

Confirmed: 1

1 - Mushroom, Unidentified Fungus

Confirmed: 1

1 - Balling, Abiotic disorder

Confirmed: 1

1 - Canker, Unidentified Agent

Suspected: 1

1 - Willow leaf spot; Twig blight; Scab, *Venturia chlorospora*

Confirmed: 1

2 - Sooty mold, Unidentified Fungus
Confirmed: 2

65 - Root rot, Unidentified Agent
Undetermined: 1
Suspected: 64

1 - Rust, Unidentified Fungus
Confirmed: 1

1 - Volutella leaf blight; Dieback, Volutella sp./spp.
Confirmed: 1

1 - Wood decay fungus, Unidentified Fungus
Confirmed: 1

25 - Insect damage, Unidentified Insect
Confirmed: 23
Suspected: 2

10 - Wood boring insect damage, Unidentified Wood Boring Insect
Confirmed: 7
Suspected: 3

5 - Host-site mis-match, Abiotic disorder
Confirmed: 5

65 - Insufficient sample, Identification Analysis
Confirmed: 62
Undetermined: 1
Not Detected: 2

2 - Adequate sample, Identification Analysis
Confirmed: 2

1 - Aster yellows Phytoplasma, Candidatus Phytoplasma asteris
Confirmed: 1

1 - Powdery mildew, Unidentified Fungus
Confirmed: 1

8 - Rhizosphaera needle cast, Rhizosphaera kalkhoffii
Confirmed: 6
Suspected: 2

1 - Aphid, Myzocallis sp./spp.

Confirmed: 1

41 - , Abiotic disorder

Confirmed: 14

Suspected: 27

1 - , Botryosphaeria obtusa

Confirmed: 1

1 - , Botryosphaeria sp./spp.

Confirmed: 1

1 - , Environmental Stresses

Suspected: 1

1 - , Family Aphididae

Undetermined: 1

2 - , Family Coccidae

Not Detected: 2

1 - , Ganoderma sp./spp.

Confirmed: 1

5 - , Identification Analysis

Confirmed: 3

Suspected: 2

1 - , Ips pini

Suspected: 1

3 - , Ips sp./spp.

Suspected: 3

6 - , No Pathogen Found

Confirmed: 5

Not Detected: 1

1 - , Oberea myops

Confirmed: 1

1 - , Pectobacterium carotovorum

Suspected: 1

1 - , Pestalotia cryptomeriae

Confirmed: 1

- 8 - , *Phytophthora* sp./spp.
Confirmed: 3
Not Detected: 5
- 1 - , *Proteoteras aesculana*
Confirmed: 1
- 1 - , *Puccinia* sp./spp.
Not Detected: 1
- 3 - , *Pythium* sp./spp.
Confirmed: 3
- 1 - , *Sclerotinia bulborum*
Suspected: 1
- 1 - , *Stemphylium solani*
Confirmed: 1
- 1 - , *Stemphylium* sp./spp.
Confirmed: 1
- 1 - , *Trichoderma* sp./spp.
Confirmed: 1
- 1 - , Unidentified Canker
Suspected: 1
- 1 - , Unidentified Fungus
Suspected: 1
- 2 - , Unidentified Wood Boring Insect
Confirmed: 1
Suspected: 1
- 1 - , Unknown Agent
Confirmed: 1
- 1 - Arborvitae needle blight, *Phyllosticta thujae*
Confirmed: 1
- 1 - Fuzzy oak gall wasp, *Andricus quercusflocci*
Confirmed: 1
- 2 - Jelly fungus, *Exidia* sp./spp.

Confirmed: 2

130 - No pathogen found, Identification Analysis

Confirmed: 130

4 - Bacterial leaf spot, *Xanthomonas campestris*

Confirmed: 4

6 - Southern blight, *Sclerotium rolfsii*

Confirmed: 6

1 - Aphid parasites (Wasps), Family Aphididae

Confirmed: 1

3 - Heat stress, Abiotic disorder

Confirmed: 1

Suspected: 2

6 - Root-knot nematodes, *Meloidogyne* sp./spp.

Confirmed: 6

1 - Unspecified pathology, *Phomopsis* sp./spp.

Confirmed: 1

2 - Jumping oak gall wasp, *Neuroterus saltatorius*

Confirmed: 2

1 - Unspecified pathology, *Seimatosporium* sp./spp.

Confirmed: 1

2 - Phytoplasma disease, *Phytoplasma* sp./spp. unknown

Undetermined: 1

Suspected: 1

1 - , Unidentified Spider

Confirmed: 1

8 - Crapemyrtle scale, *Eriococcus lagerstroemiae*

Confirmed: 8

1 - Insufficient information, Identification Analysis

Confirmed: 1

1 - Roseslug, *Endelomyia* sp./spp.

Confirmed: 1

- 1 - Unspecified pathology, *Pyrenochaeta* sp./spp.
Confirmed: 1
- 5 - Normal plant growth, Identification Analysis
Confirmed: 4
Suspected: 1
- 1 - Heat and water stress, Abiotic disorder
Suspected: 1
- 1 - Unidentified caterpillar, Unidentified Caterpillar
Confirmed: 1
- 1 - , *Pseudocercospora salicina*
Confirmed: 1
- 11 - Maple anthracnose, *Aureobasidium apocryptum*
Confirmed: 11
- 3 - Anthracnose, *Colletotrichum gloeosporioides*
Confirmed: 2
Suspected: 1
- 1 - Leaf and twig blight, *Blumeriella kerriae*
Confirmed: 1
- 1 - Needle blight, *Asperisporium juniperinum*
Confirmed: 1
- 1 - Apple blotch; Leaf spot; Twig canker, *Phyllosticta arbutifolia*
Confirmed: 1
- 4 - Peony leaf blotch, *Graphiopsis chlorocephala*
Confirmed: 3
Suspected: 1
- 7 - Canker; Stem blight; Dieback, *Botryosphaeria dothidea*
Confirmed: 7
- 5 - *Botryosphaeria* canker; Dieback, *Diplodia mutila*
Confirmed: 4
Suspected: 1
- 9 - Oak twig canker and dieback, *Botryosphaeria quercuum*
Confirmed: 6
Suspected: 3

- 32 - Hypoxylon canker, *Biscogniauxia atropunctata*
Confirmed: 18
Not Detected: 1
Suspected: 13
- 1 - Leucostoma canker, *Valsa cincta*
Suspected: 1
- 1 - Nectria canker, *Neonectria ditissima*
Confirmed: 1
- 1 - Canker; Dieback, *Neofusicoccum ribis*
Confirmed: 1
- 2 - Willow black canker, *Colletotrichum salicis*
Confirmed: 2
- 4 - Pitch canker, *Fusarium tricinctum*
Confirmed: 2
Suspected: 2
- 2 - Black knot, *Apiosporina morbosa*
Confirmed: 2
- 8 - Pecan; Hickory scab, *Fusicladium caryigenum*
Confirmed: 8
- 1 - Root problem, Unknown Cause
Suspected: 1
- 1 - Leaf mold; Spot, *Passalora fulva*
Confirmed: 1
- 3 - Bitter rot, *Colletotrichum gloeosporioides*
Confirmed: 3
- 1 - Ear rot; Kernel rot, *Aspergillus flavus*
Confirmed: 1
- 1 - *Cylindrocladium* blight; Root rot, *Calonectria* sp./spp.
Confirmed: 1
- 6 - Black rot, *Phyllosticta ampellicida*
Confirmed: 5
Suspected: 1

- 1 - Fig rust, *Cerotelium fici*
Confirmed: 1
- 1 - Bean angular leaf spot, *Pseudocercospora griseola*
Confirmed: 1
- 3 - Septoria leaf and cane spot, *Sphaerulina westendorpii*
Confirmed: 3
- 1 - Gray leaf spot, *Pyricularia grisea*
Confirmed: 1
- 3 - Leaf blight and spot; Shothole, *Blumeriella jaapii*
Confirmed: 3
- 6 - Helminthosporium leaf spot, *Bipolaris cynodontis*
Confirmed: 6
- 13 - Azalea leaf spot, *Pseudocercospora handelii*
Confirmed: 13
- 1 - Cercospora leaf spot, *Pseudocercospora salicina*
Confirmed: 1
- 2 - Cercospora leaf spot, *Pseudocercospora cornicola*
Confirmed: 2
- 1 - Iris leaf spot, *Cladosporium iridis*
Confirmed: 1
- 3 - Leaf spot, *Phloeospora ulmi*
Confirmed: 3
- 1 - Leaf spot, *Phyllosticta vaccinii*
Confirmed: 1
- 2 - Fabraea leaf and fruit spot, *Diplocarpon mespili*
Confirmed: 1
Suspected: 1
- 1 - Slime mold, Class Myxogastria; Mycetozoa
Confirmed: 1
- 7 - Bacterial leaf scorch, *Xylella fastidiosa*
Confirmed: 1

Not Detected: 5

Suspected: 1

1 - Grapevine Pierce's disease, *Xylella fastidiosa*

Confirmed: 1

3 - Crown and root rot, Unidentified Agent

Suspected: 3

2 - Pink snow mold; *Monographella patch*, *Monographella nivalis*

Suspected: 2

1 - Rust, *Uredo* sp./spp.

Confirmed: 1

1 - , Family Aphididae

Confirmed: 1

1 - Lettuce aphid, *Acyrtosiphon lactucae*

Confirmed: 1

2 - Lilac borer; Ash clearwing, *Podosesia syringae*

Confirmed: 1

Suspected: 1

1 - , Potexvirus Hosta Virus X

Confirmed: 1

2 - , Tobravirus Tobacco Rattle Virus

Confirmed: 2

43 - Hosta virus X (HVX), Potexvirus Hosta Virus X

Confirmed: 4

Not Detected: 39

11 - Impatiens necrotic spot (INSV), Tospovirus Impatiens Necrotic Spot Virus

Confirmed: 1

Not Detected: 10

1 - Potyvirus Group, Potyvirus sp./spp.

Confirmed: 1

1 - Tobacco ringspot (TRSV), Nepovirus Tobacco Ringspot Virus

Confirmed: 1

7 - Tomato spotted wilt (TSWV), Tospovirus Tomato Spotted Wilt Virus

Confirmed: 7

1 - Citrus tristeza (CTV); Quick decline, Closterovirus Citrus Tristeza Virus
Confirmed: 1

1 - Cereal yellow dwarf (CYDV), Polerovirus Cereal Yellow Dwarf Virus
Confirmed: 1

1 - Tobacco mosaic (TMV), Tobamovirus Tobacco Mosaic Virus
Confirmed: 1

2 - Squash mosaic (SQMV), Comovirus Squash Mosaic Virus
Confirmed: 1
Suspected: 1

3 - Bacterial gall, Pseudomonas savastanoi
Confirmed: 2
Suspected: 1

18 - Seiridium canker, Seiridium unicorne
Confirmed: 17
Suspected: 1

10 - Brown patch, Rhizoctonia solani
Confirmed: 10

493 - Large patch, Rhizoctonia solani
Confirmed: 492
Suspected: 1

2 - Rhizoctonia root rot, Rhizoctonia solani
Confirmed: 2

1 - Seedling diseases, Rhizoctonia solani
Confirmed: 1

11 - Rose rosette disease (RRV), Emaravirus Rose Rosette Virus
Confirmed: 7
Not Detected: 3
Suspected: 1

1 - Grape anthracnose; Birds-eye rot, Elsinoe ampelina
Confirmed: 1

3 - Anthracnose; Black spot, Stegophora ulmea
Confirmed: 3

- 1 - Spot anthracnose, *Elsinoe rosarum*
Confirmed: 1
- 3 - Phomopsis twig blight, *Diaporthe eres*
Confirmed: 3
- 1 - Willow leaf blight; Scab, *Venturia saliciperda*
Confirmed: 1
- 1 - Spur blight, *Phoma rubicola*
Confirmed: 1
- 4 - Phomopsis canker and twig blight, *Diaporthe vaccinii*
Confirmed: 3
Suspected: 1
- 3 - Strumella canker, *Urnula craterium*
Suspected: 3
- 10 - Cytospora canker, *Cytospora kunzei*
Confirmed: 9
Suspected: 1
- 1 - Dead arm disease, *Eutypa lata* var. *lata*
Confirmed: 1
- 1 - Apple scab, *Venturia inaequalis*
Suspected: 1
- 2 - Oak powdery mildew, *Erysiphe alphitoides* var. *alphitoides*
Confirmed: 2
- 1 - Euonymus powdery mildew, *Erysiphe euonymi-japonici*
Confirmed: 1
- 1 - Cladoptosis, Abiotic disorder
Suspected: 1
- 3 - Black spot (Rose), *Diplocarpon rosae*
Confirmed: 3
- 1 - Boxwood *Macrophoma* leaf spot, *Dothiorella candollei*
Confirmed: 1
- 1 - Leaf spot, *Pestalotiopsis* sp./spp.

Confirmed: 1

1 - Puffballs, Class Agaricomycetes

Confirmed: 1

1 - Lesser peachtree borer, *Synanthedon pictipes*

Suspected: 1

13 - Dogwood borer, *Synanthedon scitula*

Confirmed: 1

Suspected: 12

2 - Codling moth, *Cydia pomonella*

Confirmed: 1

Suspected: 1

1 - Soybean cyst nematode, *Heterodera glycines*

Confirmed: 1

1 - White rot; Wood rot, *Trametes* sp./spp.

Suspected: 1

3 - Target spot, *Corynespora cassiicola*

Confirmed: 3

1 - Stem canker, *Colletotrichum theobromicola*

Confirmed: 1

1 - Powdery mildew, *Erysiphe polygoni*

Confirmed: 1

9 - Aphids; Plant lice, Family Aphididae

Confirmed: 9

4 - Brown spot; Needle blight, *Mycosphaerella acicola*

Confirmed: 3

Suspected: 1

1 - Powdery mildew, *Erysiphe cichoracearum*

Confirmed: 1

1 - Leaf spot, *Phyllosticta* sp./spp.

Confirmed: 1

1 - Fertilizer injury, Abiotic disorder

Not Detected: 1

- 1 - Marssonina Blotch, *Diplocarpon mali*
Confirmed: 1
- 9 - Anthracnose, *Colletotrichum* sp./spp.
Confirmed: 9
- 10 - Bacterial leaf spot, *Xanthomonas arboricola* pv. *pruni*
Confirmed: 9
Suspected: 1
- 1 - Cane blight; Canker, *Paraconiothyrium fuckelii*
Confirmed: 1
- 2 - Euonymus anthracnose, *Phlyctema vagabunda*
Confirmed: 2
- 1 - Brown spot; Needle blight, *Lecanosticta acicula*
Confirmed: 1
- 3 - Root rot, *Phytophthora* sp./spp.
Confirmed: 3
- 1 - Animal urine damage, Vertebrate Damage
Suspected: 1
- 2 - Squirrel damage, Vertebrate Damage
Suspected: 2
- 2 - Powdery mildew, *Podosphaera xanthii*
Confirmed: 2
- 2 - Leaf spot, *Rosisphaerella rosicola*
Confirmed: 2
- 1 - Woolly aphids, Family *Adelgidae*
Suspected: 1
- 1 - Basil downy mildew, *Peronospora belbahrii*
Not Detected: 1
- 1 - Secondary fungus, *Pestalotia* sp./spp.
Confirmed: 1
- 1 - Spruce needle cast, *Stigmina* sp./spp.
Confirmed: 1

6 - Black root rot, *Berkeleyomyces basicola*
Confirmed: 6

8 - Herbicide injury- G#9 Glyphosate, Abiotic disorder
Suspected: 8

20 - Boxwood Volutella blight; Canker, *Pseudonectria buxi*
Confirmed: 16
Suspected: 4

2 - Clematis wilt; Clematis blight; Leaf spot, *Calophoma clematidina*
Confirmed: 2

1 - Herbicide injury- G#4 Synthetic auxin, Abiotic disorder
Suspected: 1

1 - Coryneum blight (Shothole), *Thyrostroma carpophilum*
Confirmed: 1

1 - Ruellia eriophyid mite, *Acalitus ruelliae*
Confirmed: 1

1 - Oak Ball Gall, *Callirhytis perfoveata*
Confirmed: 1

1 - Oak flake gall wasp, *Neuroterus quercusverrucarum*
Confirmed: 1

1 - crapemyrtle powdery mildew, *Erysiphe lagerstroemiae*
Confirmed: 1

1 - Pecan vein spot, *Gnomonia nerviseda*
Confirmed: 1

1 - Cones, Abiotic disorder
Confirmed: 1

Comprehensive PClinic Database Host-Disease Diagnosis List
(2023/05/22-2023/12/31)

Annuals

Amaryllis

1 Red blotch

Peyronellaea curtisii

1 Total for Amaryllis

Cigarette Plant; Elfin Herb

- | | | |
|---|---------------------------------------|------------------|
| 1 | Excessive water | Abiotic disorder |
| 1 | Total for Cigarette Plant; Elfin Herb | |

Dahlia

- | | | |
|---|----------------------|-------------------------|
| 1 | Bacterial stem rot | Erwinia carotovora |
| 1 | Normal plant growth | Identification Analysis |
| 1 | Root rot - Suspected | Unidentified Agent |
| 1 | Scorch | Abiotic disorder |
| 2 | Spider mites | Family Tetranychidae |
| 1 | Sunscald; Sunburn | Abiotic disorder |
| 7 | Total for Dahlia | |

Florist's Chrysanthemum

- | | | |
|---|-----------------------------------|-------------------------------|
| 1 | Ascochyta ray blight | Stagonosporopsis chrysanthemi |
| 1 | Total for Florist's Chrysanthemum | |

Gerber Daisy; African Daisy

- | | | |
|---|---------------------------------------|------------------|
| 1 | Excessive water - Suspected | Abiotic disorder |
| 1 | Total for Gerber Daisy; African Daisy | |

Globe Amaranth

- | | | |
|---|--------------------------|-----------------------------|
| 1 | Crambine snout moth | Family Crambidae; Crambinae |
| 1 | Total for Globe Amaranth | |

Gourd

- | | | |
|---|-----------------|---------------------------|
| 1 | Anthrachnose | Colletotrichum orbiculare |
| 1 | Total for Gourd | |

Hibiscus Hybrid

- | | | |
|---|------------------------------|-------------------------|
| 1 | Canker; Stem blight; Dieback | Botryosphaeria dothidea |
| 1 | Jelly fungus | Exidia sp./spp. |
| 1 | Wood boring insect damage | Class Insecta |
| 3 | Total for Hibiscus Hybrid | |

Madagascar Periwinkle; Vinca

- | | | |
|---|--|-------------------------|
| 2 | Phytophthora stem rot | Phytophthora nicotianae |
| 2 | Total for Madagascar Periwinkle; Vinca | |

Marigold

- | | | |
|---|--------------------|------------------------|
| 1 | Bacterial wilt | Ralstonia solanacearum |
| 1 | Total for Marigold | |

Periwinkle - Annual

1	Phytophthora stem rot	Phytophthora nicotianae
1	Total for Periwinkle - Annual	
Petunias		
1	Phytophthora stem rot	Phytophthora nicotianae
1	Pythium root and/or crown rot	Pythium sp./spp.
1	Stem canker	Phytophthora sp./spp.
3	Total for Petunias	
Poinsettia		
1	Anthrachnose	Colletotrichum sp./spp.
1	Insect damage	Class Insecta
2	Total for Poinsettia	
Sunflower		
1	Insect damage	Class Insecta
1	Lace bugs	Family Tingidae
1	No pathogen found	No Detection
1	Sunflower leaf blight; Stem spot	Alternariaster helianthi
4	Total for Sunflower	
Violas (Violet; Pansy)		
1	Pythium root and/or crown rot	Pythium sp./spp.
1	Total for Violas (Violet; Pansy)	
Zinnia		
1	Bacterial wilt	Ralstonia solanacearum
3	Leaf spot	Cercospora zinniae
4	Total for Zinnia	
Field Crop		
Cotton		
1	Alternaria leaf blight	Alternaria sp./spp.
1	Lab notes	Lab comments
1	No pathogen found	No Detection
1	Rhizoctonia root rot	Rhizoctonia sp./spp.
1	Thrips	Order Thysanoptera
5	Total for Cotton	
Pearl Millet		
1	Hairy chinch bug	Blissus leucopterus

1 Total for Pearl Millet

Rice

1	Aggregate sheath spot	<i>Rhizoctonia oryzae-sativae</i>
1	No pathogen found	No Detection
1	Nutritional deficiency	Abiotic disorder
1	Poor pollination	Abiotic disorder
1	Rice blast	<i>Pyricularia grisea</i>
5	Total for Rice	

Sorghum

1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Nutritional deficiency	Abiotic disorder
1	Sorghum midge	<i>Contarinia sorghicola</i>
3	Total for Sorghum	

Soybean

1	Boron deficiency	Abiotic disorder
4	Charcoal rot	<i>Macrophomina phaseolina</i>
1	Chemical injury - Suspected	Abiotic disorder
1	Fusarium crown rot; Foot rot	<i>Fusarium solani</i>
1	Fusarium root rot	<i>Fusarium</i> sp./spp.
2	Grasshoppers - Suspected	Family Acrididae
4	Herbicide injury - Suspected	Abiotic disorder
3	No pathogen found	No Detection
6	Purple seed-stain; Leaf blight	<i>Cercospora kikuchii</i>
2	Root-knot nematodes	<i>Meloidogyne</i> sp./spp.
2	Seed decay	<i>Diaporthe longicolla</i>
3	Southern root-knot nematode	<i>Meloidogyne incognita</i>
2	Soybean bacterial pustule	<i>Xanthomonas campestris</i> pv. <i>glycines</i>
1	Soybean cyst nematode	<i>Heterodera glycines</i>
3	Soybean downy mildew	<i>Peronospora manshurica</i>
1	Soybean frogeye leaf spot	<i>Cercospora sojae</i>
5	Soybean Phytophthora root and stem rot	<i>Phytophthora sojae</i>
3	Soybean stem borer	<i>Dectes texanus</i>
1	Soybean sudden death syndrome	<i>Fusarium virguliforme</i>
1	Soybean sudden death syndrome - Not Detected	<i>Fusarium virguliforme</i>
2	Soybean sudden death syndrome - Suspected	<i>Fusarium virguliforme</i>
1	Soybean Taproot Decline - Not Detected	<i>Xylaria arbuscula</i>

1	Sulfur deficiency	Abiotic disorder
1	Threecornered alfalfa hopper	Spissistilus festinus
1	Unknown abiotic disorder	Abiotic disorder
1	Whiteflies	Family Aleyrodidae
54	Total for Soybean	

Food Additive

Blond psyllium

1	Powdery mildew	Podosphaera sp./spp.
5	Pythium damping off	Pythium sp./spp.
1	Pythium root and/or crown rot	Pythium sp./spp.
7	Total for Blond psyllium	

Forage

Bermudagrass - Forage

2	Bermudagrass shootborer	Atherigona reversura
2	Billbug	Sphenophorus sp./spp.
5	Helminthosporium leaf spot	Bipolaris cynodontis
1	Insect damage on Turfgrass	Class Insecta
1	Large patch	Rhizoctonia solani
1	No pathogen found	No Detection
5	Pythium blight; Cottony blight	Pythium sp./spp.
1	Septoria leaf spot	Zymoseptoria tritici
4	Take all	Gaeumannomyces graminis
22	Total for Bermudagrass - Forage	

Big Bluestem

1	Covered smut	Sporisorium sp./spp.
1	Total for Big Bluestem	

Caucasian bluestem

1	Rust - Not Detected	Order Pucciniales
1	Total for Caucasian bluestem	

Hay; Straw

1	Helminthosporium leaf spot	Bipolaris cynodontis
1	Total for Hay; Straw	

Pasture

1	Barnyardgrass	Echinochloa crus-galli
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- 1 Goosegrass
- 1 Panicum
- 3 Total for Pasture

Eleusine indica
Panicum sp./spp.

Fruit/Nut

American Plum

- 1 Bacterial leaf spot
- 1 Total for American Plum

Xanthomonas arboricola

Banana

- 1 Bacterial leaf spot
- 1 Total for Banana

Xanthomonas sp./spp.

Black Currant

- 1 Aphids; Plant lice
- 1 Total for Black Currant

Family Aphididae

Blackberry

- 1 Botrytis blight
- 2 Cane blight; Canker
- 1 Colletotrichum stem decay
- 1 Freeze; Frost; Cold damage
- 1 Fusarium wilt
- 2 Fusarium wilt - Not Detected
- 1 Herbicide injury - Suspected
- 1 Pythium root and/or crown rot
- 1 Raspberry crown borer
- 1 Redberry mite
- 1 Rednecked cane borer
- 1 Septoria leaf and cane spot
- 1 Slime mold
- 1 Spider mites
- 4 Spot anthracnose
- 2 Spur; Cane blight
- 1 Thrips - Suspected
- 2 Tobacco ringspot (TRSV)
- 1 White drupelet disorder
- 26 Total for Blackberry

Botrytis sp./spp.
Paraconiothyrium fuckelii
Colletotrichum sp./spp.
Abiotic disorder
Fusarium oxysporum
Fusarium oxysporum
Abiotic disorder
Pythium sp./spp.
Pennisetia marginata
Acalitus essigi
Agrilus ruficollis
Sphaerulina westendorpii
Class Myxogastria; Mycetozoa
Family Tetranychidae
Elsinoe veneta
Didymella applanata
Order Thysanoptera
Nepovirus Tobacco Ringspot Virus
Abiotic disorder

Blueberry

- 1 Blueberry leaf spot
- 1 Blueberry tipworm

Diaporthe vaccinii
Hendecaneura shawiana

1	Canker; Stem blight; Dieback	Botryosphaeria dothidea
1	Cranberry fruitworm	Acrobasis vaccinii
1	Crown and root rot	Phytophthora sp./spp.
1	Insect damage	Class Insecta
1	Insufficient sample	Incomplete submission
1	Leaf rust	Naohidemycetes vaccinii
1	Mummy berry	Monilinia vaccinii-corymbosi
4	No pathogen found	No Detection
6	Phomopsis canker and twig blight	Diaporthe vaccinii
1	Pythium damping off	Pythium sp./spp.
1	Root rot - Suspected	Unidentified Agent
1	Russetting	Abiotic disorder
1	Viruses - Not Detected	Viruses
23	Total for Blueberry	

Cantaloupe; Cantaloupe

1	Chemical; Environmental injury - Suspected	Abiotic disorder
2	Cucurbit angular leaf spot	Pseudomonas syringae pv. lachrymans
1	Cucurbit bacterial wilt	Erwinia tracheiphila
1	Cucurbit Septoria leaf spot	Septoria cucurbitacearum
2	No pathogen found	No Detection
1	Phytotoxicity	Abiotic disorder
1	Target spot	Corynespora cassiicola
9	Total for Cantaloupe; Cantaloupe	

Cherry (For Fruit)

1	Root rot - Suspected	Unidentified Agent
1	Total for Cherry (For Fruit)	

Citrullus Melons

1	Cucurbit gummy stem blight	Stagonosporopsis curcubitacearum
1	Total for Citrullus Melons	

Commercial Strawberry; Garden Strawberry

1	Anthraxnose	Colletotrichum sp./spp.
1	Flea beetles	Subfamily Galerucinae; Tribe Alticini
1	Pythium root and/or crown rot	Pythium sp./spp.
3	Total for Commercial Strawberry; Garden Strawberry	

Common Apple

1	Alternaria blotch (Apple)	Alternaria mali
1	Apple powdery mildew - Suspected	Podosphaera leucotricha

2	Apple scab	<i>Venturia inaequalis</i>
1	Apple-and-thorn skeletonizer	<i>Choreutis pariana</i>
1	Bacterial canker - Suspected	<i>Pseudomonas syringae</i>
5	Bitter rot	<i>Colletotrichum gloeosporioides</i>
1	Burr knot	Abiotic disorder
3	Cedar-apple rust	<i>Gymnosporangium juniperi-virginianae</i>
1	Crown and root rot	<i>Phytophthora</i> sp./spp.
1	Environmental stress; Problem	Abiotic disorder
1	Fire blight - Suspected	<i>Erwinia amylovora</i>
2	No pathogen found	No Detection
1	Pythium root and/or crown rot	<i>Pythium</i> sp./spp.
1	Scale insects	Order Homoptera
1	Sooty blotch (Fruit)	<i>Gloeodes pomigena</i>
23	Total for Common Apple	

Common Persimmon

1	Canker; Stem blight; Dieback	<i>Botryosphaeria dothidea</i>
1	Leaf spot	<i>Pseudocercospora diospyricola</i>
1	Persimmon Psylla	<i>Trioza diospyri</i>
3	Total for Common Persimmon	

Domestic Apple

1	Apple maggot	<i>Rhagoletis pomonella</i>
2	Apple scab	<i>Venturia inaequalis</i>
2	Bitter rot	<i>Colletotrichum gloeosporioides</i>
2	Cedar-apple rust	<i>Gymnosporangium juniperi-virginianae</i>
2	Insect damage	Class Insecta
1	Marssonina Blotch	<i>Diplocarpon mali</i>
3	Root rot - Suspected	Unidentified Agent
1	Spider mites	Family Tetranychidae
14	Total for Domestic Apple	

English Walnut; Persian Walnut

1	Walnut (Bacterial) blight	<i>Xanthomonas campestris</i> pv. <i>juglandis</i>
1	Total for English Walnut; Persian Walnut	

European Grape

1	Grapevine leafroll (GLRaV-3)	Ampelovirus Grapevine Leafroll Associated Virus 3
1	Total for European Grape	

Fig

1	Anthraxnose	<i>Colletotrichum gloeosporioides</i>
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2	Fig rust	Cerotelium fici
1	No pathogen found	No Detection
4	Total for Fig	

Fuji Apple

1	Environmental stress; Problem - Suspected	Abiotic disorder
1	Total for Fuji Apple	

Grape

1	Bacterial leaf scorch - Not Detected	Xylella fastidiosa
1	Bitter rot	Greeneria uvicola
1	Black measles; Esca	Phaeomoniella chlamydospora
1	Black rot	Phyllosticta ampellicida
1	Crown and root rot	Phytophthora sp./spp.
1	Dead arm disease	Eutypa lata var. lata
1	Excessive water	Abiotic disorder
2	Grape anthracnose; Birds-eye rot	Elsinoe ampelina
2	Grapevine leafroll (GLRaV-3) - Not Detected	Ampelovirus Grapevine Leafroll Associated Virus 3
3	Grapevine red blotch (GRBaV) - Not Detected	Incertae sedis Grapevine Red Blotch Associated Virus
1	Grapevine rupestris stem pitting- assoc	Foveavirus Grapevine Rupestris Stem Pitting-assoc
2	No pathogen found	No Detection
1	Pythium root and/or crown rot	Pythium sp./spp.
1	Sap beetles	Family Nitidulidae
1	Sour rot	Multiple Pathogens
1	Viruses - Not Detected	Viruses
21	Total for Grape	

Hazelnut; Filbert Nut

1	No pathogen found	No Detection
1	Root rot - Suspected	Unidentified Agent
2	Total for Hazelnut; Filbert Nut	

Highbush Blueberry

1	No pathogen found	No Detection
1	Root rot - Suspected	Unidentified Agent
2	Total for Highbush Blueberry	

Lemon

1	Environmental stress; Problem	Abiotic disorder
1	Flea beetles	Subfamily Galerucinae; Tribe Alticini

1	Scale insects	Order Homoptera
1	Spider mites	Family Tetranychidae
4	Total for Lemon	

Muscadine Grape

1	Angular leaf spot	Pseudocercospora brachypus
1	Black rot	Phyllosticta ampellicida
1	Cane blight; Leaf spot; Dead arm	Diaporthe ampelina
1	Crown gall	Agrobacterium tumefaciens
1	Dead arm disease	Eutypa lata var. lata
1	Freeze; Frost; Cold damage	Abiotic disorder
2	Grape trunk disease	Diplodia mutila
1	Herbicide injury - Suspected	Abiotic disorder
1	Insect damage	Class Insecta
1	Macrophoma rot	Botryosphaeria dothidea
1	No pathogen found	No Detection
1	Root rot - Suspected	Unidentified Agent
13	Total for Muscadine Grape	

Peach

2	Bacterial canker - Suspected	Pseudomonas syringae
2	Bacterial leaf spot	Xanthomonas arboricola
1	Brown rot	Monilia sp./spp.
1	Coryneum blight (Shothole)	Thyrostroma carpophilum
1	Lesser peachtree borer - Suspected	Synanthedon pictipes
1	No pathogen found	No Detection
2	Oriental fruit moth	Grapholita molesta
1	Root rot - Suspected	Unidentified Agent
1	Scale insects	Order Homoptera
1	Shothole	Thyrostroma sp./spp.
13	Total for Peach	

Pear

3	Fire blight	Erwinia amylovora
1	Fire blight - Suspected	Erwinia amylovora
1	Insect damage	Class Insecta
1	Insufficient sample	Incomplete submission
1	Oedema; Edema	Abiotic disorder
1	Pear leaf blister mite	Eriophyes pyri
2	Pear scab	Venturia pyrina
1	Root rot - Suspected	Unidentified Agent
2	Rust	Gymnosporangium sp./spp.
1	Scale insects	Order Homoptera

1	Wood boring insect damage	Class Insecta
1	Wood boring insect damage - Suspected	Class Insecta
16	Total for Pear	

Pecan

2	Brown leaf spot	Sirosporium diffusum
1	Canker	Unidentified Agent
3	Drought stress damage	Abiotic disorder
1	Drought stress damage - Suspected	Abiotic disorder
3	Herbicide injury - Suspected	Abiotic disorder
1	Hickory shuckworm	Cydia caryana
2	Insect damage	Class Insecta
2	Magnesium deficiency	Abiotic disorder
2	No pathogen found	No Detection
1	Pecan bunch disease - Confirmed	Phytoplasma sp./spp.
2	Pecan bunch disease - Not Detected	Phytoplasma sp./spp.
4	Pecan leaf Phylloxera	Phylloxera notabilis
4	Pecan leaf scorch mite	Eotetranychus hicoriae
1	Pecan Phylloxera	Phylloxera devastatrix
1	Pecan serpentine leafminer	Cameraria caryaefoliella
2	Pecan shuck decline	Abiotic disorder
8	Pecan; Hickory scab	Fusicladium caryigenum
3	Poor pollination	Abiotic disorder
1	Squirrel damage	Vertebrate Damage
2	Wood boring insect damage	Class Insecta
2	Wood boring insect damage - Suspected	Class Insecta
48	Total for Pecan	

Plum

1	Bacterial canker - Suspected	Pseudomonas syringae
1	Black knot	Apiosporina morbosa
1	Crown and root rot	Phytophthora sp./spp.
2	Insect damage	Class Insecta
1	Plum curculio	Conotrachelus nenuphar
1	Pythium root and/or crown rot	Pythium sp./spp.
1	Scorch	Abiotic disorder
3	Shothole	Thyrostroma sp./spp.
11	Total for Plum	

Rabbit-eye Blueberry

1	Cranberry fruitworm	Acrobasis vaccinii
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1 Total for Rabbit-eye Blueberry

Raspberry

1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Freeze; Frost; Cold damage	Abiotic disorder
1	Septoria leaf and cane spot	Sphaerulina westendorpii
1	Spider mites	Family Tetranychidae
1	Spot anthracnose	Elsinoe veneta
1	White drupelet disorder	Abiotic disorder
6	Total for Raspberry	

Red Banana

1	Spider mites	Family Tetranychidae
1	Total for Red Banana	

Strawberry

3	Anthracnose	Colletotrichum sp./spp.
1	Cercospora leaf spot	Cercospora sp./spp.
5	Crown and root rot	Phytophthora sp./spp.
1	Crown and root rot - Not Detected	Phytophthora sp./spp.
3	Flea beetles	Subfamily Galerucinae; Tribe Alticini
1	Fusarium root; Crown rot - Suspected	Fusarium sp./spp.
2	Fusarium wilt - Not Detected	Fusarium oxysporum
1	Leaf spot; Blight	Ramularia grevilleana
2	Neopestalotiopsis - Not Detected	Neopestalotiopsis sp./spp.
5	Pythium root and/or crown rot	Pythium sp./spp.
1	Slime mold	Class Myxogastria; Mycetozoa
2	Spider mites	Family Tetranychidae
27	Total for Strawberry	

Sugar Apple

1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Total for Sugar Apple	

Walnut

1	Wood boring insect damage	Class Insecta
1	Total for Walnut	

Herb

Chamomile

	1	Powdery mildew	Phyllactinia alnicola
	1	Pythium root and/or crown rot	Pythium sp./spp.
	2	Total for Chamomile	
Cilantro			
	1	Pythium root and/or crown rot	Pythium sp./spp.
	1	Total for Cilantro	
Garlic			
	1	Freeze; Frost; Cold damage	Abiotic disorder
	1	No pathogen found	No Detection
	1	Onion maggot	Delia antiqua
	1	Onion purple (Brown) blotch	Alternaria porri
	4	Total for Garlic	
Lavender			
	1	Bacterial blight	Xanthomonas sp./spp.
	1	Pythium root and/or crown rot	Pythium sp./spp.
	2	Total for Lavender	
Parsley			
	1	Bacterial blight	Xanthomonas sp./spp.
	2	Pythium root and/or crown rot	Pythium sp./spp.
	3	Total for Parsley	
Rosemary			
	1	Bacterial blight	Xanthomonas sp./spp.
	1	Pythium root and/or crown rot	Pythium sp./spp.
	2	Total for Rosemary	
Spearmint			
	1	Bacterial blight	Xanthomonas sp./spp.
	1	Pythium root and/or crown rot	Pythium sp./spp.
	2	Total for Spearmint	
Sweet Basil			
	1	Basil downy mildew	Peronospora belbahrii
	1	Cercospora leaf spot	Cercospora sp./spp.
	1	Herbicide injury - Suspected	Abiotic disorder
	2	Pythium root and/or crown rot	Pythium sp./spp.
	5	Total for Sweet Basil	

House Plant

African Violet

- | | | |
|---|-------------------------------|------------------|
| 1 | Pythium root and/or crown rot | Pythium sp./spp. |
| 1 | Total for African Violet | |

Angel-wing Begonia

- | | | |
|---|------------------------------|---------------|
| 1 | Insect damage | Class Insecta |
| 1 | Total for Angel-wing Begonia | |

Dracaena

- | | | |
|---|--------------------|------------------|
| 1 | Fluoride toxicity | Abiotic disorder |
| 1 | Total for Dracaena | |

Kalanchoe

- | | | |
|---|---------------------|--------------|
| 1 | No pathogen found | No Detection |
| 1 | Total for Kalanchoe | |

Parlor Palm

- | | | |
|---|-----------------------|----------------------|
| 1 | Fluoride toxicity | Abiotic disorder |
| 1 | Spider mites | Family Tetranychidae |
| 2 | Total for Parlor Palm | |

Phalaenopsis Orchid

- | | | |
|---|-------------------------------|------------------|
| 1 | Unknown abiotic disorder | Abiotic disorder |
| 1 | Total for Phalaenopsis Orchid | |

Spathe Flower

- | | | |
|---|-------------------------|--------------|
| 1 | No pathogen found | No Detection |
| 1 | Total for Spathe Flower | |

Moss

Moss

- | | | |
|---|----------------|----------------------|
| 1 | Algae | Unidentified Algae |
| 1 | Mold; Mildew | Trichoderma sp./spp. |
| 2 | Total for Moss | |

Mushroom

Lyophyllum mushroom

- | | | |
|---|---------------------------------|---------------------|
| 1 | Lyophyllum mushroom - Suspected | Lyophyllum sp./spp. |
| 1 | Total for Lyophyllum mushroom | |

Non-Plant Material

Household; Domestic Dwellings

- | | | |
|---|---|---------------------|
| 1 | Wood decay fungus | Unidentified Fungus |
| 1 | Total for Household; Domestic Dwellings | |

Potting Soil; Growing Media

- | | | |
|---|---------------------------------------|------------------|
| 3 | Pythium blight; Cottony blight | Pythium sp./spp. |
| 3 | Total for Potting Soil; Growing Media | |

Water and Soil Media Sample

- | | | |
|---|---------------------------------------|------------------|
| 2 | No pathogen found | No Detection |
| 2 | Pythium damping off | Pythium sp./spp. |
| 1 | Pythium damping off - Not Detected | Pythium sp./spp. |
| 5 | Total for Water and Soil Media Sample | |

Perennials

Aster

- | | | |
|---|----------------------|---------------------|
| 1 | Cercospora leaf spot | Cercospora sp./spp. |
| 1 | Total for Aster | |

Asters

- | | | |
|---|------------------|-----------------|
| 1 | Lace bugs | Family Tingidae |
| 1 | Total for Asters | |

Balloon Flower

- | | | |
|---|--------------------------|-----------------------|
| 1 | Crown and root rot | Phytophthora sp./spp. |
| 1 | Total for Balloon Flower | |

Boston Ivy

- | | | |
|---|----------------------|--------------------------|
| 1 | Leaf spot | Phyllosticta ampellicida |
| 1 | Total for Boston Ivy | |

Bugle-weed

- | | | |
|---|----------------------|----------------------|
| 1 | Root-knot nematodes | Meloidogyne sp./spp. |
| 1 | Southern blight | Sclerotium rolfsii |
| 2 | Total for Bugle-weed | |

Cactus; Pricklypear

- | | | |
|---|-----------------------------------|-----------------------|
| 1 | Cactus coreid bug | Chelinidea vittiger |
| 1 | Crown and root rot - Not Detected | Phytophthora sp./spp. |

1	Cucumber mosaic (CMV) - Not Detected	Cucumovirus Cucumber Mosaic Virus
1	Impatiens necrotic spot (INSV) - Not Detected	Tospovirus Impatiens Necrotic Spot Virus
1	Mechanical damage - Suspected	Abiotic disorder
1	Tobacco mosaic (TMV) - Not Detected	Tobamovirus Tobacco Mosaic Virus
1	Tomato spotted wilt (TSWV) - Not Detected	Tospovirus Tomato Spotted Wilt Virus
7	Total for Cactus; Pricklypear	

Canna Lily

1	Bacterial leaf spot - Not Detected	Xanthomonas sp./spp.
1	Insufficient sample	Incomplete submission
2	Total for Canna Lily	

Chrysanthemum

1	No pathogen found	No Detection
1	Pythium root and/or crown rot	Pythium sp./spp.
2	Total for Chrysanthemum	

Clematis

1	Clematis wilt;Clematis blight	Calophoma clematidina
1	Total for Clematis	

Coneflower

1	Crown and root rot	Phytophthora sp./spp.
1	Pythium root and/or crown rot	Pythium sp./spp.
2	Total for Coneflower	

Echinacea Coneflower

1	Bacterial blight	Unidentified Bacteria
1	Bacterial wilt	Ralstonia solanacearum
1	Spider mites	Family Tetranychidae
3	Total for Echinacea Coneflower	

False Indigo

1	Insect damage	Class Insecta
1	Total for False Indigo	

Feather Reed Grass

1	Tar spot	Phyllachora graminis
1	Total for Feather Reed Grass	

Ferns

1	No pathogen found	No Detection
1	Total for Ferns	

Hen and Chicks; Houseleeks

1	Mealybugs	Family Pseudococcidae
1	Total for Hen and Chicks; Houseleeks	

Hosta

1	Alternaria leaf blight	Alternaria sp./spp.
1	High temperature damage	Abiotic disorder
3	Hosta virus X (HVX)	Potexvirus Hosta Virus X
1	Insect damage	Class Insecta
1	No pathogen found	No Detection
1	Potyvirus Group - Not Detected	Potyvirus Group
1	Root rot - Suspected	Unidentified Agent
1	Southern blight	Sclerotium rolfsii
10	Total for Hosta	

Ivy

1	Ivy bacterial leaf spot	Xanthomonas campestris pv. hederae
1	Total for Ivy	

Lady Bank's Rose

1	Leaf spot	Rosisphaerella rosicola
1	Total for Lady Bank's Rose	

Leopard Plant

1	Flea beetles	Subfamily Galerucinae; Tribe Alticini
1	Total for Leopard Plant	

Lesser Periwinkle

1	Leaf blight; Stem blight; Stem canker	Boeremia exigua
1	Total for Lesser Periwinkle	

Mondograss; Dwarf Lily Turf

1	Pythium blight; Cottony blight	Pythium sp./spp.
1	Pythium root and/or crown rot	Pythium sp./spp.
2	Total for Mondograss; Dwarf Lily Turf	

Penstemon; Beard-tongue

1	Pythium root and/or crown rot	Pythium sp./spp.
1	Total for Penstemon; Beard-tongue	

Peony

3	Peony leaf blotch	Graphiopsis chlorocephala
1	Phytophthora canker; Dieback	Phytophthora cactorum
1	Powdery mildew	Erysiphe polygoni
1	Tobacco rattle (TRV)	Tobravirus Tobacco Rattle Virus
6	Total for Peony	

Perennial Phlox

1	No pathogen found	No Detection
1	Scorch	Abiotic disorder
2	Total for Perennial Phlox	

Phlox

1	Bacterial blight	Unidentified Bacteria
1	Pythium blight; Cottony blight	Pythium sp./spp.
1	Pythium root and/or crown rot	Pythium sp./spp.
3	Total for Phlox	

Plains Coreopsis; Tickseed

1	Root rot - Suspected	Unidentified Agent
1	Total for Plains Coreopsis; Tickseed	

Rose

1	Bacterial leaf scorch	Xylella fastidiosa
1	Black spot (Rose)	Diplocarpon rosae
1	Bristly roseslug	Cladius difformis
1	Chemical injury - Suspected	Abiotic disorder
2	Crown and root rot	Phytophthora sp./spp.
1	Excessive water	Abiotic disorder
1	Freeze; Frost; Cold damage	Abiotic disorder
2	Herbicide injury - Suspected	Abiotic disorder
1	Herbicide injury G#9 Glyphosate - Suspected	Abiotic disorder
1	Insect damage	Class Insecta
1	Leaf spot	Rosisphaerella rosicola
1	No pathogen found	No Detection
1	Phytotoxicity	Abiotic disorder
7	Rose brown canker	Cryptosporella umbrina
1	Rose downy mildew	Peronospora sparsa
9	Rose rosette disease (RRV)	Emaravirus Rose Rosette Virus
1	Rose rosette disease (RRV) - Not Detected	Emaravirus Rose Rosette Virus

3	Roseslug	Endelomyia sp./spp.
1	Scale insects	Order Homoptera
1	Scorch	Abiotic disorder
1	Spider mites	Family Tetranychidae
2	Spot anthracnose	Elsinoe rosarum
41	Total for Rose	

Rudbeckia

1	Anthracnose	Colletotrichum sp./spp.
1	Pythium root and/or crown rot	Pythium sp./spp.
2	Total for Rudbeckia	

Salvia; Sage

1	Lace bugs	Family Tingidae
1	Total for Salvia; Sage	

St. Johnswort

1	Scale insects	Order Homoptera
1	Total for St. Johnswort	

Swamp Milkweed

1	Bacterial leaf spot	Unidentified Bacteria
1	Spider mites	Family Tetranychidae
2	Total for Swamp Milkweed	

Trumpet creeper

1	Herbicide injury - Suspected	Abiotic disorder
1	Total for Trumpet creeper	

Wingstem

1	Wingstem	Verbesina alternifolia
1	Total for Wingstem	

Winter creeper

1	Anthracnose	Colletotrichum gloeosporioides
1	Total for Winter creeper	

Wood Sorrel; False Shamrock

1	Oxalis rust	Puccinia oxalidis
1	Total for Wood Sorrel; False Shamrock	

Shrub

Abelia

1	Crown and root rot	Phytophthora sp./spp.
2	Sunscald; Sunburn	Abiotic disorder
3	Total for Abelia	

Ashwaganda

1	Bacterial leaf spot	Unidentified Bacteria
1	Total for Ashwaganda	

Azalea; Rhododendron

2	Azalea lace bug	Stephanitis pyrioides
4	Azalea leaf spot	Pseudocercospora handelii
3	Crown and root rot	Phytophthora sp./spp.
2	Crown and root rot - Not Detected	Phytophthora sp./spp.
1	Excessive water - Suspected	Abiotic disorder
1	Freeze; Frost; Cold damage	Abiotic disorder
1	Fungal leaf spot	Cercospora hydrangeae
3	Herbicide injury - Suspected	Abiotic disorder
3	High temperature damage	Abiotic disorder
10	Host-site mis-match	Abiotic disorder
1	Leaf and flower gall	Exobasidium vaccinii
1	Lichens	Lichenes
1	Littleleaf disease	Phytophthora cinnamomi
2	Littleleaf disease - Suspected	Phytophthora cinnamomi
1	Natural senescence	Abiotic disorder
4	No pathogen found	No Detection
2	Pythium root and/or crown rot	Pythium sp./spp.
1	Rhizoctonia root rot	Rhizoctonia sp./spp.
3	Root rot - Suspected	Unidentified Agent
3	Scorch	Abiotic disorder
2	Spider mites	Family Tetranychidae
51	Total for Azalea; Rhododendron	

Barberry

1	Crown and root rot	Phytophthora sp./spp.
1	Root rot - Suspected	Unidentified Agent
1	Root weevils	Family Curculionidae
1	Verticillium dieback - Suspected	Verticillium sp./spp.
4	Total for Barberry	

Burford Holly

2	Winter injury - Suspected	Abiotic disorder
2	Total for Burford Holly	

Chinese Fringe Flower

1	Crown and root rot - Not Detected	Phytophthora sp./spp.
1	Natural senescence	Abiotic disorder
1	No pathogen found	No Detection
3	Total for Chinese Fringe Flower	

Common Privet

1	Privet aphid	Myzus ligustri
1	Total for Common Privet	

Cotoneaster

1	Scale insects	Order Homoptera
1	Total for Cotoneaster	

Crape Myrtle

1	Cercospora leaf spot	Cercospora sp./spp.
1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Powdery mildew	Erysiphe sp./spp.
3	Total for Crape Myrtle	

Evergreen Azalea

1	High pH damage	Abiotic disorder
1	Host-site mis-match	Abiotic disorder
1	No pathogen found	No Detection
1	Pythium root and/or crown rot	Pythium sp./spp.
1	Spider mites	Family Tetranychidae
5	Total for Evergreen Azalea	

Holly

2	Black root rot	Berkeleyomyces basicola
3	Botryosphaeria canker; Dieback	Diplodia mutila
1	Canker	Pyrenochaeta sp./spp.
1	Canker - Suspected	Unidentified Agent
2	Canker; Stem blight; Dieback	Botryosphaeria dothidea
4	Crown and root rot	Phytophthora sp./spp.
3	Crown and root rot - Not Detected	Phytophthora sp./spp.
1	Diaporthe stem rot	Diaporthe sp./spp.
1	Excessive water	Abiotic disorder
3	Freeze; Frost; Cold damage	Abiotic disorder
1	Herbicide injury - Suspected	Abiotic disorder
1	Natural senescence	Abiotic disorder

1	No pathogen found	No Detection
2	Oedema; Edema	Abiotic disorder
4	Pythium root and/or crown rot	Pythium sp./spp.
1	Rhizoctonia root rot	Rhizoctonia sp./spp.
2	Root rot - Suspected	Unidentified Agent
5	Scale insects	Order Homoptera
1	Scorch	Abiotic disorder
1	Sooty mold	Unidentified Fungus
1	Twolined spittlebug	Prosapia bicincta
2	Whiteflies	Family Aleyrodidae
1	Wood boring insect damage	Class Insecta
44	Total for Holly	

Hydrangea a

1	Bacterial wilt	Ralstonia solanacearum
1	Crown and root rot	Phytophthora sp./spp.
1	Excessive water - Suspected	Abiotic disorder
2	Fungal leaf spot	Cercospora hydrangeae
1	Herbicide injury - Suspected	Abiotic disorder
1	Host-site mis-match	Abiotic disorder
1	Hydrangea leaf blotch	Septoria hydrangeae
1	Insect damage	Class Insecta
2	Insufficient sample	Incomplete submission
1	Potexvirus Group	Potexvirus Group
1	Powdery mildew	Erysiphe polygoni
1	Scorch	Abiotic disorder
1	Spider mites	Family Tetranychidae
15	Total for Hydrangea	

Itea; Sweetspire

1	Drought stress damage - Suspected	Abiotic disorder
1	Insect damage	Class Insecta
1	Scale insects	Order Homoptera
3	Total for Itea; Sweetspire	

Lilac

1	Pseudomonas blight	Pseudomonas syringae
1	Total for Lilac	

Panicle Hydrangea

1	Fungal leaf spot	Cercospora hydrangeae
1	Host-site mis-match	Abiotic disorder

1	Insect damage	Class Insecta
1	No pathogen found	No Detection
1	Root rot - Suspected	Unidentified Agent
1	Spider mites	Family Tetranychidae
6	Total for Panicle Hydrangea	

Red-tip Photinia

3	Canker; Stem blight; Dieback	Botryosphaeria dothidea
3	Total for Red-tip Photinia	

Sweetshrub; Carolina Allspice

1	Cercospora leaf spot	Cercospora sp./spp.
1	No pathogen found	No Detection
2	Total for Sweetshrub; Carolina Allspice	

Vaccinium (Ornamental)

1	High pH damage	Abiotic disorder
1	Total for Vaccinium (Ornamental)	

Virginia Willow

1	Insect damage	Class Insecta
1	Sunscald; Sunburn	Abiotic disorder
2	Total for Virginia Willow	

Wolfberry

1	Goji gall mite	Aceria tjyingi (kuko)
1	Total for Wolfberry	

Tree

American Elm

1	Bacterial wetwood; Slime flux	Unidentified Bacteria
1	Total for American Elm	

American Sycamore

1	Sycamore lace bug	Corythucha ciliata
1	Total for American Sycamore	

Black Gum

1	Bacterial wetwood; Slime flux	Unidentified Bacteria
1	Lecanium scales	Lecanium sp./spp.
1	No pathogen found	No Detection

1	Root rot - Suspected	Unidentified Agent
4	Total for Black Gum	
Black Walnut		
1	Canker	Unidentified Agent
2	Lab comments	Lab notes
2	Wood boring insect damage	Class Insecta
5	Total for Black Walnut	
Blue Atlas Cedar		
1	Insufficient sample	Incomplete submission
1	Sirococcus shoot/tip blight; Blight	Sirococcus strobilinus
2	Total for Blue Atlas Cedar	
Callery Pear		
1	No pathogen found	No Detection
1	Rust	Gymnosporangium sp./spp.
2	Total for Callery Pear	
Cedar		
1	Canker	Unidentified Agent
1	Canker; Stem blight; Dieback	Botryosphaeria dothidea
1	Pestalotiopsis needle blight; Tip blight	Pestalotiopsis sp./spp.
1	Rhizoctonia root rot	Rhizoctonia sp./spp.
2	Wood boring insect damage	Class Insecta
6	Total for Cedar	
Cedar-of-lebanon		
1	Crown and root rot	Phytophthora sp./spp.
1	Total for Cedar-of-lebanon	
Cherry (Ornamental)		
1	Bacterial canker - Suspected	Pseudomonas syringae
1	Fungal wood rot	Schizophyllum commune
2	Herbicide injury - Suspected	Abiotic disorder
1	No pathogen found	No Detection
1	Root rot - Suspected	Unidentified Agent
1	Scorch	Abiotic disorder
1	Wild cherry leaf spot	Pseudocercospora graphioides
8	Total for Cherry (Ornamental)	
Cherry Plum - Tree		
1	Fire blight - Suspected	Erwinia amylovora

1	Total for Cherry Plum - Tree	
China Fir		
2	No pathogen found	No Detection
2	Total for China Fir	
Chinese Elm		
1	Insect damage	Class Insecta
1	Mechanical damage	Abiotic disorder
2	Total for Chinese Elm	
Chinquapin Oak		
2	Oak phyloxera	Phylloxera quercus
1	Phylloxerans	Family Phylloxeridae
3	Total for Chinquapin Oak	
Colorado Blue Spruce		
2	Crown and root rot	Phytophthora sp./spp.
2	Total for Colorado Blue Spruce	
Corkscrew Willow; Dragon Cl. Willow		
1	Spider mites	Family Tetranychidae
1	Wood boring insect damage	Class Insecta
2	Total for Corkscrew Willow; Dragon Cl. Willow	
Cryptomeria		
1	Crown and root rot - Not Detected	Phytophthora sp./spp.
7	Dieback; Canker	Seiridium sp./spp.
1	Drought stress damage	Abiotic disorder
4	Freeze; Frost; Cold damage	Abiotic disorder
2	Natural senescence	Abiotic disorder
1	Natural senescence - Suspected	Abiotic disorder
3	No pathogen found	No Detection
1	Pestalotia dieback	Pestalotia sp./spp.
9	Pestalotiopsis needle blight; Tip blight	Pestalotiopsis sp./spp.
3	Root rot - Suspected	Unidentified Agent
1	Scale insects	Order Homoptera
2	Seiridium canker	Seiridium unicorne
35	Total for Cryptomeria	
Deodar Cedar		
1	Insufficient sample	Incomplete submission
1	Total for Deodar Cedar	

Eastern Black Cherry

- | | | |
|---|--|------------------|
| 1 | Chemical; Environmental injury - Suspected | Abiotic disorder |
| 1 | Total for Eastern Black Cherry | |

Eastern Cottonwood; Necklace Poplar

- | | | |
|---|---|---------------|
| 1 | Insect damage | Class Insecta |
| 1 | Total for Eastern Cottonwood; Necklace Poplar | |

Eastern Red Cedar

- | | | |
|---|------------------------------------|----------------------|
| 1 | Bagworm moths | Family Psychidae |
| 1 | Botryosphaeria canker; Dieback | Diplodia mutila |
| 1 | Kabatina tip blight; Needle blight | Kabatina juniperi |
| 1 | No pathogen found | No Detection |
| 1 | Spider mites | Family Tetranychidae |
| 5 | Total for Eastern Red Cedar | |

Eastern Redbud

- | | | |
|---|--------------------------|----------------------|
| 1 | Bacterial leaf spot | Pseudomonas sp./spp. |
| 2 | Cercospora leaf spot | Cercospora sp./spp. |
| 3 | Insect damage | Class Insecta |
| 1 | No pathogen found | No Detection |
| 1 | Unknown abiotic disorder | Abiotic disorder |
| 8 | Total for Eastern Redbud | |

Elm

- | | | |
|---|----------------------------------|-----------------------|
| 2 | Anthrachnose; Black spot | Stegophora ulmea |
| 1 | Chemical injury - Suspected | Abiotic disorder |
| 1 | Crown and root rot | Phytophthora sp./spp. |
| 2 | Verticillium dieback - Suspected | Verticillium sp./spp. |
| 6 | Total for Elm | |

Evergreen Maple

- | | | |
|---|---------------------------|--------------------|
| 1 | Wood boring insect damage | Class Insecta |
| 1 | Yellow-bellied sapsucker | Sphyrapicus varius |
| 2 | Total for Evergreen Maple | |

Flowering Dogwood

- | | | |
|---|------------------------|---------------------|
| 1 | Canker - Suspected | Unidentified Agent |
| 1 | Dogwood borer | Synanthedon scitula |
| 2 | Dogwood powdery mildew | Erysiphe pulchra |
| 1 | Oedema; Edema | Abiotic disorder |

1	Root rot - Suspected	Unidentified Agent
1	Scorch	Abiotic disorder
7	Total for Flowering Dogwood	

Green Giant Arborvitae

1	Bagworm moths	Family Psychidae
1	Crown and root rot	Phytophthora sp./spp.
1	Crown and root rot - Not Detected	Phytophthora sp./spp.
1	Dieback; Canker	Seiridium sp./spp.
1	Drought stress damage	Abiotic disorder
1	Kabatina tip blight; Needle blight	Kabatina juniperi
1	Natural senescence	Abiotic disorder
1	Natural senescence - Suspected	Abiotic disorder
1	No pathogen found	No Detection
1	Phomopsis tip blight; Needle blight	Phomopsis juniperovora
2	Root rot - Suspected	Unidentified Agent
1	Seiridium canker - Suspected	Seiridium unicorne
1	Spider mites	Family Tetranychidae
14	Total for Green Giant Arborvitae	

Hackberry

1	Bacterial wetwood; Slime flux	Unidentified Bacteria
1	Total for Hackberry	

Hickory

1	Insect damage	Class Insecta
2	Squirrel damage	Vertebrate Damage
3	Total for Hickory	

Japanese Dogwood; Kousa

1	Chemical; Environmental injury - Suspected	Abiotic disorder
2	No pathogen found	No Detection
3	Total for Japanese Dogwood; Kousa	

Japanese Flowering Cherry

1	Leaf blight and spot; Shothole	Blumeriella jaapii
1	No pathogen found	No Detection
2	Total for Japanese Flowering Cherry	

Japanese Maple

2	Bacterial wetwood; Slime flux	Unidentified Bacteria
2	Bagworm moths	Family Psychidae

1	Bark damage	Abiotic disorder
5	Botryosphaeria canker; Dieback	Diplodia mutila
2	Canker	Unidentified Agent
1	Chemical injury - Suspected	Abiotic disorder
3	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Colletotrichum stem decay	Colletotrichum sp./spp.
6	Crown and root rot	Phytophthora sp./spp.
1	Crown and root rot - Not Detected	Phytophthora sp./spp.
1	Environmental stress; Problem - Suspected	Abiotic disorder
1	Freeze; Frost; Cold damage	Abiotic disorder
1	Hail damage	Abiotic disorder
2	Herbicide injury - Suspected	Abiotic disorder
3	High temperature damage	Abiotic disorder
1	Host-site mis-match	Abiotic disorder
1	Hypoxylon canker	Biscogniauxia atropunctata
6	Insect damage	Class Insecta
1	Maple canker	Stegonsporium sp./spp.
5	No pathogen found	No Detection
1	Nursery web spiders	Family Pisauridae; Araneae
14	Phomopsis dieback; Tip blight; Canker	Phomopsis sp./spp.
1	Phytophthora basal canker	Phytophthora cinnamomi
1	Planting too deep	Abiotic disorder
1	Powdery mildew	Microsphaera sp./spp.
4	Pythium root and/or crown rot	Pythium sp./spp.
1	Root girdling	Abiotic disorder
6	Root rot - Suspected	Unidentified Agent
2	Scale insects	Order Homoptera
13	Scorch	Abiotic disorder
1	Soil compaction	Abiotic disorder
2	Spider mites	Family Tetranychidae
3	Sunscald; Sunburn	Abiotic disorder
2	Verticillium dieback	Verticillium sp./spp.
1	Verticillium dieback - Suspected	Verticillium sp./spp.
1	Wood boring insect damage	Class Insecta
2	Wood boring insect damage - Suspected	Class Insecta
1	Wood rot	Xylodon apacheriensis
103	Total for Japanese Maple	

Leyland Cypress

1	Crown and root rot	Phytophthora sp./spp.
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1	Crown and root rot - Not Detected	Phytophthora sp./spp.
3	Cypress canker	Seiridium cardinale
9	Cypress canker	Seiridium cupressi
1	Dieback; Canker - Suspected	Seiridium sp./spp.
1	Freeze; Frost; Cold damage	Abiotic disorder
1	Lab comments	Lab notes
1	Natural senescence	Abiotic disorder
1	Pestalotiopsis needle blight; Tip blight	Pestalotiopsis sp./spp.
1	Spider mites	Family Tetranychidae
20	Total for Leyland Cypress	

Loblolly Pine

4	Brown spot; Needle blight	Lecanosticta acicola
1	Loblolly pine mealybug	Oracella acuta
1	No pathogen found	No Detection
2	Wood boring insect damage	Class Insecta
8	Total for Loblolly Pine	

London Planetree

2	Canker	Unidentified Agent
1	Canker - Suspected	Unidentified Agent
6	No pathogen found	No Detection
1	Scorch	Abiotic disorder
1	Sycamore lace bug	Corythucha ciliata
11	Total for London Planetree	

Magnolia

2	Crown and root rot	Phytophthora sp./spp.
1	Environmental stress; Problem	Abiotic disorder
1	Eriophyid mites	Family Eriophyidae
1	Excessive water - Suspected	Abiotic disorder
1	Herbicide injury - Suspected	Abiotic disorder
1	Insufficient sample	Incomplete submission
1	Natural senescence	Abiotic disorder
2	No pathogen found	No Detection
1	Phoma blight; Dieback; Rot	Phoma sp./spp.
1	Powdery mildew	Microsphaera sp./spp.
1	Powdery mildew	Phyllactinia alnicola
1	Root rot - Suspected	Unidentified Agent
1	Scale insects	Order Homoptera
1	Sooty mold	Unidentified Fungus
16	Total for Magnolia	

Maple

1	Bacterial leaf scorch - Not Detected	<i>Xylella fastidiosa</i>
1	Bacterial wetwood; Slime flux	Unidentified Bacteria
2	Bagworm moths	Family Psychidae
1	Branch and twig borers - Undetermined	Family Bostrichidae
2	Canker	Unidentified Agent
1	Canker; Stem blight; Dieback	<i>Botryosphaeria dothidea</i>
1	Crown and root rot	<i>Phytophthora</i> sp./spp.
1	Fungal wood rot	<i>Schizophyllum commune</i>
1	Fungal wood rot - Suspected	Unidentified Fungus
4	Herbicide injury - Suspected	Abiotic disorder
1	Herbicide injury - Undetermined	Abiotic disorder
1	Hypoxylon canker	<i>Biscogniauxia atropunctata</i>
5	Insect damage	Class Insecta
3	Insufficient sample	Incomplete submission
1	Lab comments	Lab notes
1	Lichens	Lichenes
9	Maple anthracnose	<i>Aureobasidium apocryptum</i>
1	Maple bladdergall mite	<i>Vasates quadripedes</i>
1	Mechanical damage - Undetermined	Abiotic disorder
1	Muscoid fly fungus	<i>Entomophthora muscae</i>
1	Natural senescence	Abiotic disorder
6	No pathogen found	No Detection
3	Root rot - Suspected	Unidentified Agent
8	Scale insects	Order Homoptera
3	Scorch	Abiotic disorder
1	Sunscald; Sunburn	Abiotic disorder
1	Verticillium dieback	<i>Verticillium</i> sp./spp.
1	Verticillium dieback - Not Detected	<i>Verticillium</i> sp./spp.
2	Wood boring insect damage	Class Insecta
1	Wood boring insect damage - Suspected	Class Insecta
3	Yellow-bellied sapsucker	<i>Sphyrapicus varius</i>
69	Total for Maple	

Mulberry (Ornamental)

1	Bacterial wetwood; Slime flux	Unidentified Bacteria
1	Mulberry leaf spot	<i>Cercospora mori</i>
2	Total for Mulberry (Ornamental)	

Oak

4	Anthracnose	<i>Apiognomonia errabunda</i>
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5	Bacterial wetwood; Slime flux	Unidentified Bacteria
1	Bagworm moths	Family Psychidae
1	Carpenter ant	Camponotus sp./spp.
2	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Crown and root rot	Phytophthora sp./spp.
1	Gnarled oak leaf midge gallmaker	Macrodiplosis niveipila
1	Heart rot	Unidentified Agent
1	Herbicide injury - Not Detected	Abiotic disorder
4	Herbicide injury - Suspected	Abiotic disorder
3	Hypoxylon canker	Biscogniauxia atropunctata
3	Hypoxylon canker - Suspected	Biscogniauxia atropunctata
1	Insufficient sample	Incomplete submission
1	Jumping oak gall wasp	Neuroterus saltatorius
1	Lichens	Lichenes
2	May beetles	Family Scarabaeidae
4	No pathogen found	No Detection
1	Oak leaf blister	Taphrina caerulescens
1	Oak leaf spot; Oak blight	Tubakia macnabbii
2	Oak lecanium	Parthenolecanium quercifex
1	Oak powdery mildew	Erysiphe alphitoides
2	Oak skeletonizer	Bucculatrix ainsliella
1	Oak twig blight	Coryneum kunzei
2	Oak twig canker and dieback	Botryosphaeria quercuum
1	Polypore mushroom	Family Polyporaceae
1	Sooty mold	Unidentified Fungus
5	Spider mites	Family Tetranychidae
1	Strumella canker	Urula craterium
1	Sunscald; Sunburn	Abiotic disorder
1	Variable oakleaf caterpillar - Suspected	Heterocampa manteo
3	Wood boring insect damage	Class Insecta
4	Wood boring insect damage - Suspected	Class Insecta
63	Total for Oak	

Pin Oak

1	Bacterial leaf scorch	Xylella fastidiosa
1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Horned oak gall wasp	Callirhytis cornigera
1	Insect damage	Class Insecta
1	Lichens	Lichenes
1	Lightning damage	Abiotic disorder

3	No pathogen found	No Detection
1	Oak wilt	Bretziella fagacearum
1	Soil compaction	Abiotic disorder
11	Total for Pin Oak	

Pine

1	Bark beetle; Engraver beetle-suspected	Ips sp./spp.
1	Blue stain - Suspected	Ophiostoma sp./spp.
1	Diplodia tip blight; Canker - Suspected	Diplodia sapinea
1	Eastern fivespined Ips	Ips grandicollis
1	No pathogen found	No Detection
1	Normal plant growth	Identification Analysis
1	Pine weevils	Family Curculionidae
2	Pitch canker	Fusarium tricinctum
1	Pitch canker - Suspected	Fusarium tricinctum
1	Wood boring insect damage	Class Insecta
1	Wood boring insect damage - Undetermined	Class Insecta
12	Total for Pine	

Planetree; Sycamore

1	Blue stain	Ceratocystis sp./spp.
1	Canker; Stem blight; Dieback	Botryosphaeria dothidea
2	Total for Planetree; Sycamore	

Poplar

1	Insufficient sample	Incomplete submission
1	Wood boring insect damage	Class Insecta
2	Total for Poplar	

Post Oak

1	Anthracnose	Apiognomonina errabunda
2	Hypoxyton canker	Biscogniauxia atropunctata
1	Oak skeletonizer	Bucculatrix ainsliella
1	Wood boring insect damage - Suspected	Class Insecta
5	Total for Post Oak	

Purpleleaf Plum

1	Wood boring insect damage - Suspected	Class Insecta
1	Total for Purpleleaf Plum	

Red Maple

1	Bacterial leaf scorch - Not Detected	<i>Xylella fastidiosa</i>
1	Canker	Unidentified Agent
1	Freeze; Frost; Cold damage	Abiotic disorder
2	Herbicide injury - Suspected	Abiotic disorder
1	Insect damage	Class Insecta
1	Insufficient sample	Incomplete submission
4	Maple anthracnose	<i>Aureobasidium apocryptum</i>
1	Maple canker	<i>Stegonsporium</i> sp./spp.
1	No pathogen found	No Detection
1	Root rot - Suspected	Unidentified Agent
2	Scale insects	Order Homoptera
1	Scorch	Abiotic disorder
1	Soil compaction	Abiotic disorder
1	Undetermined injury	Unidentified agent
2	Verticillium dieback	<i>Verticillium</i> sp./spp.
1	Verticillium dieback - Suspected	<i>Verticillium</i> sp./spp.
1	Wood boring insect damage	Class Insecta
23	Total for Red Maple	

Red Oak

3	Bacterial wetwood; Slime flux	Unidentified Bacteria
1	Carpenter ant	<i>Camponotus</i> sp./spp.
1	<i>Ganoderma lucidum</i> heart rot	<i>Ganoderma lucidum</i>
1	Herbicide injury - Suspected	Abiotic disorder
1	Hypoxylon canker - Suspected	<i>Biscogniauxia atropunctata</i>
1	Oak powdery mildew	<i>Erysiphe alphitoides</i>
1	Spider mites	Family Tetranychidae
9	Total for Red Oak	

Red Oaks

1	<i>Actinopelte</i> leaf spot	<i>Dicarpella dryina</i>
1	Anthracnose	<i>Apiognomonia errabunda</i>
1	<i>Ganoderma lucidum</i> heart rot	<i>Ganoderma lucidum</i>
3	Herbicide injury - Suspected	Abiotic disorder
1	Hypoxylon canker	<i>Biscogniauxia atropunctata</i>
1	May beetles	Family Scarabaeidae
1	Oak leaf spot; Oak blight	<i>Tubakia macnabbii</i>
2	Oak powdery mildew	<i>Erysiphe alphitoides</i>
1	Oak twig blight	<i>Coryneum kunzei</i>
1	Phylloxerans	Family Phylloxeridae

2	Solitary oak leafminer	Cameraria hamadryadella
1	Spider mites	Family Tetranychidae
16	Total for Red Oaks	
Red Osier Dogwood		
1	Cercospora leaf spot	Pseudocercospora cornicola
1	Total for Red Osier Dogwood	
Redbud		
1	Bacterial leaf spot	Pseudomonas sp./spp.
3	Cercospora leaf spot	Cercospora sp./spp.
1	Herbicide injury - Suspected	Abiotic disorder
1	Insect damage	Class Insecta
2	Root rot - Suspected	Unidentified Agent
1	Whiteflies	Family Aleyrodidae
1	Wood boring insect damage	Class Insecta
10	Total for Redbud	
Redwood		
1	High temperature damage	Abiotic disorder
1	Total for Redwood	
River Birch		
1	Bacterial wetwood; Slime flux	Unidentified Bacteria
2	Bronze birch borer	Agrilus anxius
1	Canker	Unidentified Agent
2	No pathogen found	No Detection
1	Wood boring insect damage	Class Insecta
7	Total for River Birch	
Sargents Crabapple		
1	No pathogen found	No Detection
1	Total for Sargents Crabapple	
Shagbark Hickory		
1	Poor pollination	Abiotic disorder
1	Total for Shagbark Hickory	
Shumard Oak; Texas Oak; Spanish Oak		
1	Gouty oak gall wasp	Callirhytis quercus
1	Total for Shumard Oak; Texas Oak; Spanish Oak	

Slippery (Forest) Elm

1	Hypoxylon canker	Biscogniauxia atropunctata
1	Total for Slippery (Forest) Elm	

Southern Magnolia

1	Crown and root rot	Phytophthora sp./spp.
1	Total for Southern Magnolia	

Spruce

1	Bagworm moths	Family Psychidae
1	Herbicide injury - Suspected	Abiotic disorder
2	Rhizosphaera needle cast	Rhizosphaera kalkhoffii
2	Root rot - Suspected	Unidentified Agent
6	Total for Spruce	

Sugar Maple

1	Chemical injury - Suspected	Abiotic disorder
1	Crown and root rot	Phytophthora sp./spp.
1	Environmental stress; Problem	Abiotic disorder
2	Herbicide injury - Suspected	Abiotic disorder
1	Maple anthracnose	Aureobasidium apocryptum
1	No pathogen found	No Detection
2	Scorch	Abiotic disorder
1	Sooty mold	Unidentified Fungus
1	Spider mites	Family Tetranychidae
11	Total for Sugar Maple	

Sweetgum

1	Crown and root rot	Phytophthora sp./spp.
1	No pathogen found	No Detection
2	Total for Sweetgum	

Tulip Tree

1	Environmental stress; Problem	Abiotic disorder
1	Herbicide injury - Suspected	Abiotic disorder
1	Insufficient sample	Incomplete submission
1	No pathogen found	No Detection
1	Phomopsis leaf spot	Phomopsis sp./spp.
1	Root problems	Abiotic disorder
6	Total for Tulip Tree	

Virginia Pine

1	Freeze; Frost; Cold damage	Abiotic disorder
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1 Total for Virginia Pine

Water Oak

1	Bacterial wetwood; Slime flux	Unidentified Bacteria
1	Carpenter ant	Camponotus sp./spp.
1	Chemical injury - Suspected	Abiotic disorder
1	Oak leaf blister	Taphrina caerulescens
1	Oak leaf spot; Oak blight	Tubakia macnabbii
1	Oak skeletonizer	Bucculatrix ainsliella
1	Polypore mushroom	Family Polyporaceae
1	Solitary oak leafminer	Cameraria hamadryadella
8	Total for Water Oak	

Weeping Cherry

2	Bacterial canker - Suspected	Pseudomonas syringae
1	No pathogen found	No Detection
3	Total for Weeping Cherry	

White Fringetree

1	Herbicide injury - Suspected	Abiotic disorder
1	Spider mites	Family Tetranychidae
2	Total for White Fringetree	

White Oak

1	Anthrachnose	Apiognomonina errabunda
1	Bacterial leaf scorch - Not Detected	Xylella fastidiosa
4	Bacterial wetwood; Slime flux	Unidentified Bacteria
2	Basal canker; Butt rot	Kretzschmaria deusta
2	Herbicide injury - Suspected	Abiotic disorder
2	Hypoxylon canker	Biscogniauxia atropunctata
2	Hypoxylon canker - Suspected	Biscogniauxia atropunctata
1	Oak twig blight	Coryneum kunzei
1	Soil compaction	Abiotic disorder
16	Total for White Oak	

White Oaks

1	Bagworm moths	Family Psychidae
1	Total for White Oaks	

Willow

1	Willow black canker	Colletotrichum salicis
1	Willow leaf blight; Scab	Venturia saliciperda
1	Wood boring insect damage	Class Insecta

3 Total for Willow

Yoshino Cherry

1	Bacterial canker - Suspected	<i>Pseudomonas syringae</i>
1	Fungal wood rot	Unidentified Fungus
1	Lichens	Lichenes
1	No pathogen found	No Detection
1	Oedema; Edema	Abiotic disorder
1	Wild cherry leaf spot	<i>Pseudocercospora graphioides</i>
1	Wood boring insect damage	Class Insecta
7	Total for Yoshino Cherry	

Tree/Shrub

Alberta Spruce

1	<i>Rhizosphaera</i> needle cast	<i>Rhizosphaera kalkhoffii</i>
1	Total for Alberta Spruce	

American Holly

1	<i>Botryosphaeria</i> canker; Dieback	<i>Diplodia mutila</i>
1	Crown and root rot	<i>Phytophthora</i> sp./spp.
1	Root rot - Suspected	Unidentified Agent
3	Total for American Holly	

Andora Juniper

1	Natural senescence	Abiotic disorder
1	No pathogen found	No Detection
2	Total for Andora Juniper	

Anise Tree

1	No pathogen found	No Detection
1	Total for Anise Tree	

Arborvitae

7	Bagworm moths	Family Psychidae
1	Canker; Stem blight; Dieback	<i>Botryosphaeria dothidea</i>
1	<i>Cercospora</i> needle blight	<i>Passalora sequoiae</i>
10	Crown and root rot	<i>Phytophthora</i> sp./spp.
3	Cypress canker	<i>Seiridium cardinale</i>
7	Dieback; Canker	<i>Seiridium</i> sp./spp.
1	High temperature damage	Abiotic disorder

1	High temperature damage - Suspected	Abiotic disorder
1	Insufficient sample	Incomplete submission
1	Kabatina twig blight	Kabatina thujae
1	Lace bugs	Family Tingidae
10	Natural senescence	Abiotic disorder
1	Natural senescence - Suspected	Abiotic disorder
5	No pathogen found	No Detection
2	Pestalotiopsis needle blight; Tip blight	Pestalotiopsis sp./spp.
1	Pollen	Abiotic disorder
2	Pythium root and/or crown rot	Pythium sp./spp.
5	Root rot - Suspected	Unidentified Agent
1	Scale insects	Order Homoptera
4	Seiridium canker	Seiridium unicorne
6	Spider mites	Family Tetranychidae
1	Spittle bugs	Family Cercopidae
72	Total for Arborvitae	

Arizona Cypress

4	Cypress canker	Seiridium cardinale
1	Cypress canker	Seiridium cupressi
1	Dieback; Canker	Seiridium sp./spp.
1	Spider mites	Family Tetranychidae
7	Total for Arizona Cypress	

Ash

1	Wood boring insect damage	Class Insecta
1	Total for Ash	

Atlas Cedar

1	Sirococcus shoot/tip blight; Blight	Sirococcus strobilinus
1	Total for Atlas Cedar	

Aucuba

1	Insufficient sample	Incomplete submission
1	No pathogen found	No Detection
2	Total for Aucuba	

Babylonian Weeping Willow

1	Herbicide injury - Suspected	Abiotic disorder
1	Total for Babylonian Weeping Willow	

Baldcypress (Ornamental)

1	Insufficient sample	Incomplete submission
1	Total for Baldcypress (Ornamental)	
Bigleaf Hydrangea		
1	High pH damage	Abiotic disorder
1	Scorch	Abiotic disorder
2	Total for Bigleaf Hydrangea	
Bird's Nest Spruce		
1	Crown and root rot	Phytophthora sp./spp.
1	Root rot - Suspected	Unidentified Agent
2	Total for Bird's Nest Spruce	
Black Locust		
1	Locust leafminer	Odontota dorsalis
1	Total for Black Locust	
Black Oak		
1	Bacterial wetwood; Slime flux	Unidentified Bacteria
1	Heart rot	Unidentified Agent
1	Lichens	Lichenes
1	Whitetrunk rot; Heart rot - Undetermined	Phellinus igniarius
1	Wood boring insect damage	Class Insecta
1	Wood rot fungus - Suspected	Ganoderma sp./spp.
1	Wood rot fungus - Suspected	Globifomes graveolens
1	Yellow-bellied sapsucker	Sphyrapicus varius
8	Total for Black Oak	
Blue Spruce		
1	Crown and root rot	Phytophthora sp./spp.
1	Rhizosphaera needle cast	Rhizosphaera kalkhoffii
1	Root rot - Suspected	Unidentified Agent
3	Total for Blue Spruce	
Boxleaf Japanese Holly		
1	Botryosphaeria canker; Dieback	Diplodia mutila
1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Crown and root rot - Not Detected	Phytophthora sp./spp.
1	Rhizoctonia root rot	Rhizoctonia sp./spp.
1	Root rot - Suspected	Unidentified Agent
1	Scale insects	Order Homoptera

1	Spider mites	Family Tetranychidae
2	Wood boring insect damage	Class Insecta
9	Total for Boxleaf Japanese Holly	

Boxwood

1	Boxwood leafminer	Monarthropalpus flavus
16	Boxwood Macrophoma leaf spot	Dothiorella candollei
31	Boxwood Volutella blight; Canker	Pseudonectria buxi
3	Crown and root rot	Phytophthora sp./spp.
1	Flatid planthoppers	Family Flatidae
1	Freeze; Frost; Cold damage	Abiotic disorder
1	Herbicide injury - Suspected	Abiotic disorder
1	No pathogen found	No Detection
1	Oedema; Edema	Abiotic disorder
2	Pythium root and/or crown rot	Pythium sp./spp.
1	Root rot - Suspected	Unidentified Agent
2	Scale insects	Order Homoptera
2	Spider mites	Family Tetranychidae
1	Stem canker	Colletotrichum theobromicola
64	Total for Boxwood	

Boxwood Hybrids

1	Boxwood Macrophoma leaf spot	Dothiorella candollei
1	Boxwood Volutella blight; Canker	Pseudonectria buxi
1	Herbicide injury - Suspected	Abiotic disorder
1	Root rot - Undetermined	Unidentified Agent
4	Total for Boxwood Hybrids	

Burning Bush

1	Canker	Unidentified Agent
1	Excessive water	Abiotic disorder
1	Herbicide injury - Suspected	Abiotic disorder
1	Oedema; Edema	Abiotic disorder
1	Scorch	Abiotic disorder
5	Total for Burning Bush	

Buttercup Winterhazel

1	Freeze; Frost; Cold damage - Suspected	Abiotic disorder
1	Total for Buttercup Winterhazel	

Cabbage Palm

1	Freeze; Frost; Cold damage	Abiotic disorder
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1 Total for Cabbage Palm

Camellia

2	Camellia scale	Lepidosaphes camelliae
1	Chemical; Environmental injury - Suspected	Abiotic disorder
2	Crown and root rot	Phytophthora sp./spp.
2	Flatid planthoppers	Family Flatidae
3	Freeze; Frost; Cold damage	Abiotic disorder
1	Jelly fungus	Exidia sp./spp.
2	Oedema; Edema	Abiotic disorder
2	Purple camellia mite	Calacarus carinatus
1	Scale insects	Order Homoptera
1	Spider mites	Family Tetranychidae
17	Total for Camellia	

Catalpa

1	No pathogen found	No Detection
1	Total for Catalpa	

Cherry laurel

1	No pathogen found	No Detection
1	Wood boring insect damage - Suspected	Class Insecta
2	Total for Cherry laurel	

Cherrybark Oak

1	Herbicide injury - Suspected	Abiotic disorder
1	Oak skeletonizer	Bucculatrix ainsliella
2	Total for Cherrybark Oak	

Chinese Holly

1	Botryosphaeria canker; Dieback	Diplodia mutila
2	Freeze; Frost; Cold damage	Abiotic disorder
1	Oedema; Edema	Abiotic disorder
1	Scale insects	Order Homoptera
5	Total for Chinese Holly	

Chinese Juniper

1	Moisture stress - Suspected	Abiotic disorder
1	Root rot - Suspected	Unidentified Agent
2	Total for Chinese Juniper	

Chinese Pistache

1	Bacterial blight	Xanthomonas sp./spp.
1	Canker	Unidentified Agent
1	Crown and root rot	Phytophthora sp./spp.
1	Root rot - Suspected	Unidentified Agent
4	Total for Chinese Pistache	

Common Boxwood

1	Boxwood Macrophoma leaf spot	Dothiorella candollei
2	Boxwood Volutella blight; Canker	Pseudonectria buxi
1	Oedema; Edema	Abiotic disorder
1	Spider mites	Family Tetranychidae
1	Spider mites - Not Detected	Family Tetranychidae
6	Total for Common Boxwood	

Common Camellia

1	Freeze; Frost; Cold damage	Abiotic disorder
1	Total for Common Camellia	

Common Juniper

1	Botryosphaeria canker; Dieback	Diplodia mutila
1	Total for Common Juniper	

Conifers, Softwoods

1	Insect damage	Class Insecta
1	Rhizosphaera needle cast	Rhizosphaera pini
2	Total for Conifers, Softwoods	

Contorted Filbert

1	Anthrachnose	Piggotia coryli
1	Total for Contorted Filbert	

Crabapple

1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Flatheaded appletree borer	Chrysobothris femorata
2	Total for Crabapple	

Crape Myrtle

1	Cercospora leaf spot	Cercospora sp./spp.
2	Crapemyrtle bark scale	Acanthococcus lagerstroemiae
1	Crown and root rot	Phytophthora sp./spp.
1	Freeze; Frost; Cold damage	Abiotic disorder

1	Insect damage	Class Insecta
1	Insufficient sample	Incomplete submission
2	No pathogen found	No Detection
2	Sooty mold	Unidentified Fungus
1	Wound canker	Abiotic disorder
12	Total for Crape Myrtle	

Creeping juniper

1	Botryosphaeria canker; Dieback	Diplodia mutila
1	Insect damage	Class Insecta
1	Pestalotiopsis needle blight; Tip blight	Pestalotiopsis sp./spp.
1	Phomopsis tip blight; Needle blight	Phomopsis juniperovora
4	Total for Creeping juniper	

Cypress

2	Cypress canker	Seiridium cardinale
5	Cypress canker	Seiridium cupressi
1	Insect damage	Class Insecta
1	Natural senescence	Abiotic disorder
3	Pestalotiopsis needle blight; Tip blight	Pestalotiopsis sp./spp.
2	Root rot - Suspected	Unidentified Agent
1	Spider mites	Family Tetranychidae
15	Total for Cypress	

Densiformis Yew

1	Root rot - Suspected	Unidentified Agent
1	Total for Densiformis Yew	

Distylium

1	Sunscald; Sunburn	Abiotic disorder
1	Total for Distylium	

Dogwood

1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Dogwood anthracnose - Suspected	Discula destructiva
1	Dogwood borer	Synanthedon scitula
3	Dogwood borer - Suspected	Synanthedon scitula
2	Dogwood leaf spot	Septoria cornicola
6	Dogwood powdery mildew	Erysiphe pulchra
1	Dogwood twig borer	Oberea tripunctata
1	Herbicide injury - Suspected	Abiotic disorder
1	Insect damage	Class Insecta

1	No pathogen found	No Detection
1	Root rot - Suspected	Unidentified Agent
1	Scale insects	Order Homoptera
1	Scorch	Abiotic disorder
1	Sunscald; Sunburn	Abiotic disorder
22	Total for Dogwood	

Elaeagnus

1	Crown and root rot - Not Detected	Phytophthora sp./spp.
1	Insufficient sample	Incomplete submission
1	No pathogen found	No Detection
1	Pythium root and/or crown rot	Pythium sp./spp.
4	Total for Elaeagnus	

Euonymus

1	Oedema; Edema	Abiotic disorder
1	Pythium root and/or crown rot	Pythium sp./spp.
2	Total for Euonymus	

Evergreen Euonymus

1	Anthrachnose	Colletotrichum gloeosporioides
1	Freeze; Frost; Cold damage	Abiotic disorder
2	Total for Evergreen Euonymus	

False Japanese Cleyera

1	Crown and root rot	Phytophthora sp./spp.
1	Total for False Japanese Cleyera	

Falsecypress

1	Bagworm moths	Family Psychidae
1	Dieback; Canker	Seiridium sp./spp.
1	Natural senescence	Abiotic disorder
1	Pestalotiopsis needle blight; Tip blight	Pestalotiopsis sp./spp.
4	Total for Falsecypress	

Fan Palm - Unknown Genus

1	Spider mites	Family Tetranychidae
1	Total for Fan Palm - Unknown Genus	

Forsythia; Golden Bells

1	Crown and root rot	Phytophthora sp./spp.
1	Herbicide injury - Suspected	Abiotic disorder
1	Root rot - Suspected	Unidentified Agent

3 Total for Forsythia; Golden Bells

Foster Holly

1	Crown and root rot	Phytophthora sp./spp.
1	Total for Foster Holly	

Freeman's Maple

1	Verticillium dieback - Suspected	Verticillium sp./spp.
1	Total for Freeman's Maple	

Gardenia

1	Crown and root rot	Phytophthora sp./spp.
1	Crown and root rot - Not Detected	Phytophthora sp./spp.
1	Nutritional deficiency - Suspected	Abiotic disorder
3	Total for Gardenia	

Glory
Bush

1	Excessive water	Abiotic disorder
1	Total for Glory Bush	

Green Ash

1	Ash anthracnose	Plagiostoma fraxini
1	Leafcurl ash aphid	Prociphilus fraxinifolii
1	Lilac borer; Ash clearwing	Podosesia syringae
1	Spider mites	Family Tetranychidae
1	Wood boring insect damage	Class Insecta
5	Total for Green Ash	

Hackberry; Nettle Tree

1	Hackberry nipplegall maker	Pachypsylla celtidismamma
1	Total for Hackberry; Nettle Tree	

Hawthorn

1	No pathogen found	No Detection
1	Total for Hawthorn	

Heller Holly; Mushroom Holly

1	Black root rot	Berkeleyomyces basicola
1	Freeze; Frost; Cold damage	Abiotic disorder
2	Total for Heller Holly; Mushroom Holly	

Hemlock

1	No pathogen found	No Detection
1	Root rot - Suspected	Unidentified Agent
2	Total for Hemlock	

Hibiscus

1	Aphids; Plant lice	Family Aphididae
1	Mealybugs	Family Pseudococcidae
2	Root rot - Suspected	Unidentified Agent
4	Total for Hibiscus	

Hinoki Falsecypress

1	Dieback; Canker	Seiridium sp./spp.
1	Total for Hinoki Falsecypress	

Hornbeam

1	Hornbeam anthracnose	Apiosporopsis carpineae
1	Total for Hornbeam	

Hybrid Holly

1	Canker; Stem blight; Dieback	Botryosphaeria dothidea
1	Pythium root and/or crown rot	Pythium sp./spp.
2	Total for Hybrid Holly	

Hydrangea

1	Anthracnose	Colletotrichum sp./spp.
3	Bacterial blight	Xanthomonas campestris
3	Bacterial leaf spot	Xanthomonas sp./spp.
2	Bacterial wilt	Ralstonia solanacearum
1	Carlavirus Group	Carlavirus Group
1	Crown and root rot	Phytophthora sp./spp.
2	Fungal leaf spot	Cercospora hydrangeae
2	Host-site mis-match	Abiotic disorder
1	Natural senescence	Abiotic disorder
1	Potexvirus Group	Potexvirus Group
1	Spider mites	Family Tetranychidae
18	Total for Hydrangea	

Inkberry

1	Crown and root rot	Phytophthora sp./spp.
1	Root rot - Suspected	Unidentified Agent
2	Total for Inkberry	

Italian Cypress

1	Cypress canker	Seiridium cardinale
1	Spider mites	Family Tetranychidae
2	Total for Italian Cypress	

Japanese Boxwood

1	Boxwood leafminer	Monarthropalpus flavus
1	Boxwood Macrophoma leaf spot	Dothiorella candollei
1	Boxwood Volutella blight; Canker	Pseudonectria buxi
1	Spider mites	Family Tetranychidae
1	Spider mites - Not Detected	Family Tetranychidae
5	Total for Japanese Boxwood	

Japanese Cedar

1	Pestalotiopsis needle blight; Tip blight	Pestalotiopsis sp./spp.
1	Seiridium canker	Seiridium unicorne
2	Total for Japanese Cedar	

Japanese Holly

1	Black root rot	Berkeleyomyces basicola
2	Root rot - Suspected	Unidentified Agent
1	Scorch	Abiotic disorder
4	Total for Japanese Holly	

Japanese Yew

1	Pythium root and/or crown rot	Pythium sp./spp.
1	Total for Japanese Yew	

Juniper

2	Bagworm moths	Family Psychidae
2	Botryosphaeria canker; Dieback	Diplodia mutila
1	Canker; Stem blight; Dieback	Botryosphaeria dothidea
1	Chemical; Environmental injury - Suspected	Abiotic disorder
4	Crown and root rot	Phytophthora sp./spp.
1	Insect damage	Class Insecta
1	Kabatina tip blight; Needle blight	Kabatina juniperi
2	No pathogen found	No Detection
1	Pestalotiopsis needle blight; Tip blight	Pestalotiopsis sp./spp.
1	Phomopsis tip blight; Needle blight	Phomopsis juniperovora
1	Pythium blight; Cottony blight	Pythium sp./spp.
2	Root rot - Suspected	Unidentified Agent
2	Scale insects	Order Homoptera

5	Spider mites	Family Tetranychidae
1	Stigmina needle blight	Stigmina lautii
1	Wood boring insect damage	Class Insecta
1	Wound canker	Abiotic disorder
29	Total for Juniper	

Korean Boxwood

2	Boxwood Volutella blight; Canker	Pseudonectria buxi
1	Spider mites	Family Tetranychidae
1	Spider mites - Not Detected	Family Tetranychidae
4	Total for Korean Boxwood	

Laurel

1	Bacterial canker - Suspected	Pseudomonas syringae
1	Black root rot	Berkeleyomyces basicola
1	Macrophoma rot	Botryosphaeria dothidea
1	No pathogen found	No Detection
4	Total for Laurel	

Ligustrum; Privet

1	Insufficient sample	Incomplete submission
1	Wood boring insect damage	Class Insecta
2	Total for Ligustrum; Privet	

Lilac

1	Botryosphaeria canker; Dieback	Diplodia mutila
2	Cercospora leaf spot	Cercospora sp./spp.
1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Crown and root rot	Phytophthora sp./spp.
1	Poor pruning practice	Abiotic disorder
1	Pseudomonas blight	Pseudomonas syringae
1	Sunscald; Sunburn	Abiotic disorder
8	Total for Lilac	

Locust

2	Anaerobic soil	Abiotic disorder
2	Ganoderma lucidum heart rot	Ganoderma lucidum
4	Total for Locust	

Loropetalum; Chinese Fringe Flower

3	Bacterial gall	Pseudomonas savastanoi
1	Cercospora leaf spot	Cercospora sp./spp.

1	Excessive water	Abiotic disorder
1	Root rot - Suspected	Unidentified Agent
6	Total for Loropetalum; Chinese Fringe Flower	

May Hawthorne

1	Cedar-hawthorn rust	Gymnosporangium globosum
1	Total for May Hawthorne	

Mixture; Spruce; Fir

1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Spider mites	Family Tetranychidae
2	Total for Mixture; Spruce; Fir	

Nandina

2	No pathogen found	No Detection
1	Pythium root and/or crown rot	Pythium sp./spp.
1	Root rot - Suspected	Unidentified Agent
4	Total for Nandina	

Nellie R. Stevens Holly

1	Canker; Stem blight; Dieback	Botryosphaeria dothidea
3	Freeze; Frost; Cold damage	Abiotic disorder
1	Root rot - Suspected	Unidentified Agent
3	Scale insects	Order Homoptera
8	Total for Nellie R. Stevens Holly	

Northern Red Oak

1	Hypoxylon canker - Suspected	Biscogniauxia atropunctata
1	Total for Northern Red Oak	

Norway Maple

1	Wood boring insect damage - Suspected	Class Insecta
1	Total for Norway Maple	

Oakleaf Hydrangea

1	Bacterial blight	Xanthomonas campestris
1	Bacterial wilt	Ralstonia solanacearum
2	Total for Oakleaf Hydrangea	

Old-fashioned Weigela

1	Insufficient sample	Incomplete submission
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1	No pathogen found	No Detection
1	Scorch	Abiotic disorder
3	Total for Old-fashioned Weigela	
Ozark chinquapin		
1	Freeze; Frost; Cold damage	Abiotic disorder
1	Total for Ozark chinquapin	
Pear (Ornamental)		
1	Canker; Coral spot; Blight; Dieback	Nectria cinnabarina
1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Fabraea leaf and fruit spot	Diplocarpon mespili
1	Fire blight	Erwinia amylovora
1	Rust	Gymnosporangium sp./spp.
1	White spot; Pear leaf fleck	Septoria pyricola
6	Total for Pear (Ornamental)	
Pink Flowering Dogwood		
2	Dogwood powdery mildew	Erysiphe pulchra
1	Root rot - Suspected	Unidentified Agent
3	Total for Pink Flowering Dogwood	
Privet		
1	Scale insects	Order Homoptera
1	Total for Privet	
Quince		
1	Cedar-quince rust	Gymnosporangium clavipes
1	Total for Quince	
Rhododendron		
1	Crown and root rot	Phytophthora sp./spp.
2	High temperature damage	Abiotic disorder
3	Total for Rhododendron	
Rocky Mountain Juniper		
1	Canker	Unidentified Agent
1	Total for Rocky Mountain Juniper	
Rose-of-sharon; Shrub-althea		
1	Chemical; Environmental injury - Suspected	Abiotic disorder

2	Crown and root rot	Phytophthora sp./spp.
1	Fungal wood rot	Schizophyllum commune
1	Phomopsis dieback; Tip blight; Canker	Phomopsis sp./spp.
1	Pythium root and/or crown rot	Pythium sp./spp.
6	Total for Rose-of-sharon; Shrub-althea	

Saucer Magnolia

1	No pathogen found	No Detection
1	Total for Saucer Magnolia	

Sawtooth Oak

1	Herbicide injury - Suspected	Abiotic disorder
1	Spider mites	Family Tetranychidae
2	Total for Sawtooth Oak	

Scarlet Firethorn

1	Pyracantha scab	Venturia inaequalis
1	Total for Scarlet Firethorn	

Scarlet Oak

1	Insufficient sample	Incomplete submission
1	Total for Scarlet Oak	

Shore Juniper

1	Excessive water	Abiotic disorder
1	Total for Shore Juniper	

Showy Border Forsythia

1	Crown and root rot	Phytophthora sp./spp.
1	Total for Showy Border Forsythia	

Shrubby Yew Podocarpus

1	Bacterial leaf scorch - Not Detected	Xylella fastidiosa
1	Crown and root rot - Not Detected	Phytophthora sp./spp.
1	Environmental stress; Problem	Abiotic disorder
3	Total for Shrubby Yew Podocarpus	

Silky Dogwood

1	Drought stress damage - Suspected	Abiotic disorder
1	Total for Silky Dogwood	

Silver Maple

1	Botryosphaeria canker; Dieback	Diplodia mutila
1	Total for Silver Maple	
Smooth Arizona Cypress		
1	Root rot - Suspected	Unidentified Agent
1	Total for Smooth Arizona Cypress	
Spirea		
1	Crown and root rot	Phytophthora sp./spp.
1	Total for Spirea	
Star Magnolia		
1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Total for Star Magnolia	
Sweet Bay Magnolia		
1	False oleander scale	Pseudaulacaspis cockerelli
1	Total for Sweet Bay Magnolia	
Sweet Bay; Bay Laurel		
1	Excessive water	Abiotic disorder
1	Freeze; Frost; Cold damage	Abiotic disorder
1	Root rot - Suspected	Unidentified Agent
3	Total for Sweet Bay; Bay Laurel	
Sweet Viburnum		
1	Oedema; Edema	Abiotic disorder
1	Viburnum bacterial blight	Pseudomonas syringae pv. viburnii
2	Total for Sweet Viburnum	
Sweetgum		
1	Anthraxnose	Gloeosporium sp./spp.
1	Canker; Stem blight; Dieback	Botryosphaeria dothidea
1	Wood boring insect damage	Class Insecta
3	Total for Sweetgum	
Unknown Tree/Shrub		
1	Armillaria root rot	Armillaria sp./spp.
1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Eriophyid mites	Family Eriophyidae
1	Hypoxyylon canker	Biscogniauxia atropunctata

3	Lichens	Lichenes
1	No pathogen found	No Detection
1	Oedema; Edema	Abiotic disorder
1	Pythium root and/or crown rot	Pythium sp./spp.
1	Spider mites	Family Tetranychidae
1	Verticillium dieback	Verticillium sp./spp.
1	Wood boring insect damage	Class Insecta
1	Wood boring insect damage - Suspected	Class Insecta
14	Total for Unknown Tree/Shrub	
Viburnum		
1	Bacterial canker - Suspected	Pseudomonas syringae
1	Bacterial leaf spot	Pseudomonas sp./spp.
1	Crown and root rot	Phytophthora sp./spp.
1	Herbicide injury - Suspected	Abiotic disorder
4	Total for Viburnum	
Weeping Willow		
1	Willow black canker	Colletotrichum salicis
1	Willow leaf blight; Scab	Venturia saliciperda
2	Total for Weeping Willow	
Weigela		
1	Insect damage	Class Insecta
2	Mites	Order Acari
1	Scorch	Abiotic disorder
1	Transplant shock; Stress	Abiotic disorder
5	Total for Weigela	
White Spruce		
1	Rhizosphaera needle cast	Rhizosphaera kalkhoffii
1	Total for White Spruce	
Willow Oak		
1	Anthrachnose	Apiognomonina errabunda
2	Herbicide injury - Suspected	Abiotic disorder
1	High pH damage	Abiotic disorder
1	Hypoxylon canker - Suspected	Biscogniauxia atropunctata
1	No pathogen found	No Detection
1	Oak lecanium	Parthenolecanium quercifex
1	Oak twig blight	Coryneum kunzei
8	Total for Willow Oak	

Willowleaf Holly

- 2 Root rot - Suspected
- 2 Total for Willowleaf Holly

Unidentified Agent

Witch Alder

- 1 Crown and root rot
- 1 Total for Witch Alder

Phytophthora sp./spp.

Witchhaze

I

- 1 Entomosporium leaf spot
- 1 Total for Witchhazel

Entomosporium sp./spp.

Yaupon

- 1 Adelgids
- 1 Freeze; Frost; Cold damage - Suspected
- 2 Total for Yaupon

Family Adelgidae

Abiotic disorder

Yew

- 5 Crown and root rot
- 1 Freeze; Frost; Cold damage
- 1 No pathogen found
- 1 Root rot - Suspected
- 1 Unknown abiotic disorder
- 9 Total for Yew

Phytophthora sp./spp.

Abiotic disorder

No Detection

Unidentified Agent

Abiotic disorder

Turf

Annual Ryegrass

- 1 Pythium blight; Cottony blight
- 1 Soil compaction
- 2 Total for Annual Ryegrass

Pythium sp./spp.

Abiotic disorder

Bentgrass

- 1 Black layer of turfgrass
- 2 Leptosphaerulina leaf spot
- 3 Pythium blight; Cottony blight
- 6 Total for Bentgrass

Abiotic disorder

Leptosphaerulina sp./spp.

Pythium sp./spp.

Bermudagrass - Turf

- 5 Algae

Unidentified Algae

1	Bermudagrass mite	Eriophyes cynodoniensis
3	Bermudagrass scale	Odonaspis ruthae
72	Billbug	Sphenophorus sp./spp.
2	Curvularia blight; Leaf spot	Curvularia sp./spp.
5	Freeze; Frost; Cold damage	Abiotic disorder
1	Gray leaf spot	Pyricularia grisea
2	Groundpearls - Suspected	Margarodes sp./spp.
9	Helminthosporium leaf spot	Bipolaris cynodontis
1	Host-site mis-match	Abiotic disorder
4	Insect damage	Class Insecta
26	Insect damage on Turfgrass	Class Insecta
117	Large patch	Rhizoctonia solani
1	No pathogen found	No Detection
1	Pink patch	Limonomyces roseipellis
2	Pink patch - Not Detected	Limonomyces roseipellis
124	Pythium blight; Cottony blight	Pythium sp./spp.
2	Pythium root and/or crown rot	Pythium sp./spp.
3	Rust	Puccinia cynodontis
42	Spring dead spot	Ophiosphaerella sp./spp.
62	Take all	Gaeumannomyces graminis
1	Take-all - Suspected	Gaeumannomyces graminis
2	White grubs (Scarab beetles)	Family Scarabaeidae
1	Winter injury	Abiotic disorder
3	Winter injury - Suspected	Abiotic disorder
492	Total for Bermudagrass - Turf	

Centipedegrass

2	Gray leaf spot	Pyricularia grisea
6	Large patch	Rhizoctonia solani
1	Large patch - Suspected	Rhizoctonia solani
5	Pythium blight; Cottony blight	Pythium sp./spp.
1	Pythium blight; Cottony blight - Suspected	Pythium sp./spp.
1	Take all	Gaeumannomyces graminis
16	Total for Centipedegrass	

Creeping Bentgrass

1	Algae	Unidentified Algae
1	Leptosphaerulina leaf spot	Leptosphaerulina sp./spp.
3	Pythium blight; Cottony blight	Pythium sp./spp.
1	Take all	Gaeumannomyces graminis
1	Yellow tuft	Sclerophthora macrospora
7	Total for Creeping Bentgrass	

Fescues

- 2 Brown patch
- 1 Flower smut
- 1 Leaf rust; Rust
- 4 Pythium blight; Cottony blight
- 8 Total for Fescues

Rhizoctonia sp./spp.
Ustilago cynodontis
Puccinia sp./spp.
Pythium sp./spp.

Mixed Grasses

- 2 Pythium blight; Cottony blight
- 2 Total for Mixed Grasses

Pythium sp./spp.

St. Augustinegrass

- 5 Billbug
- 11 Gray leaf spot
- 1 Insect damage on Turfgrass
- 3 Large patch
- 10 Pythium blight; Cottony blight
- 50 Take all
- 80 Total for St. Augustinegrass

Sphenophorus sp./spp.
Pyricularia grisea
Class Insecta
Rhizoctonia solani
Pythium sp./spp.
Gaeumannomyces graminis

Tall Fescue - Turf

- 1 Brown patch
- 2 Pythium blight; Cottony blight
- 3 Total for Tall Fescue - Turf

Rhizoctonia sp./spp.
Pythium sp./spp.

Turfgrass

- 1 Billbug
- 1 Brown patch
- 1 Large patch
- 1 Take all
- 4 Total for Turfgrass

Sphenophorus sp./spp.
Rhizoctonia sp./spp.
Rhizoctonia solani
Gaeumannomyces graminis

Unknown Turf

- 1 Earth ball
- 1 Freeze; Frost; Cold damage
- 2 Total for Unknown Turf

Scleroderma sp./spp.
Abiotic disorder

Zoysia Grass

- 1 Algae
- 1 Anthracnose
- 1 Bermudagrass scale
- 113 Billbug

Unidentified Algae
Colletotrichum sp./spp.
Odonaspis ruthae
Sphenophorus sp./spp.

1	Chemical; Environmental injury - Suspected	Abiotic disorder
2	Curvularia blight; Leaf spot	Curvularia sp./spp.
7	Dense thatch layer	Abiotic disorder
1	Dormancy - Suspected	Abiotic disorder
1	Fairy ring	Unidentified Fungus
5	Freeze; Frost; Cold damage	Abiotic disorder
1	Gray leaf spot	Pyricularia grisea
1	Hairy chinch bug	Blissus leucopterus
1	Host-site mis-match	Abiotic disorder
17	Insect damage on Turfgrass	Class Insecta
148	Large patch	Rhizoctonia solani
156	Pythium blight; Cottony blight	Pythium sp./spp.
3	Rust; Leaf rust	Puccinia zoysiae
1	Snow mold	Typhula sp./spp.
94	Take all	Gaeumannomyces graminis
3	White grubs (Scarab beetles)	Family Scarabaeidae
1	White grubs (Scarab beetles) - Suspected	Family Scarabaeidae
1	Yellow tuft	Sclerophthora macrospora
560	Total for Zoysia Grass	

Zoysia; Japanese Lawngrass

3	Large patch	Rhizoctonia solani
1	Pythium blight; Cottony blight	Pythium sp./spp.
1	Rust; Leaf rust	Puccinia zoysiae
5	Total for Zoysia; Japanese Lawngrass	

Unknown

Unknown

1	Crown and root rot	Phytophthora sp./spp.
1	Freeze; Frost; Cold damage	Abiotic disorder
1	Herbicide injury - Suspected	Abiotic disorder
1	Hypoxylon canker	Biscogniauxia atropunctata
1	Insect damage	Class Insecta
1	Insufficient sample	Incomplete submission
1	No pathogen found	No Detection
1	Purple camellia mite	Calacarus carinatus
8	Total for Unknown	

Vegetables

Artichoke

1	Herbicide injury - Suspected	Abiotic disorder
1	White mold (Stem rot)	Sclerotinia sclerotiorum
2	Total for Artichoke	

Arugula

1	Bacterial blight	Unidentified Bacteria
1	Nutritional deficiency	Abiotic disorder
2	Total for Arugula	

Bean

1	No pathogen found	No Detection
1	Total for Bean	

Beans; Peas; Dolichos

1	Chemical; Environmental injury - Suspected	Abiotic disorder
2	Herbicide injury - Suspected	Abiotic disorder
1	Tobacco mosaic (TMV) - Not Detected	Tobamovirus Tobacco Mosaic Virus
4	Total for Beans; Peas; Dolichos	

Bell Pepper

1	Bacterial canker	Clavibacter michiganensis subsp michiganensis
1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Herbicide injury - Suspected	Abiotic disorder
1	Nutritional deficiency	Abiotic disorder
1	Sunscald; Sunburn	Abiotic disorder
2	Tomato; Pepper bacterial spot	Xanthomonas campestris pv. vesicatoria
7	Total for Bell Pepper	

Broccoli

1	No pathogen found	No Detection
1	Total for Broccoli	

Bush Bean

1	Bean brown spot blight	Pseudomonas syringae
1	Total for Bush Bean	

Cabbage

1	Black rot	Xanthomonas campestris
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	1	Temperature induced pathology	Abiotic disorder
	2	Total for Cabbage	
Carrot			
	1	Environmental stress; Problem	Abiotic disorder
	1	Total for Carrot	
Cherry Tomato			
	1	Bacterial canker	Clavibacter michiganensis subsp michiganensis
	1	Herbicide injury - Suspected	Abiotic disorder
	2	Total for Cherry Tomato	
Corn			
	1	Corn bacterial stalk rot	Erwinia (Pectobacterium) chrysanthemi and dissolvens
	1	Diplodia ear and stalk rot	Stenocarpella maydis
	1	Ear rot	Fusarium graminearum
	1	Herbicide injury - Suspected	Abiotic disorder
	4	Total for Corn	
Cucumber			
	7	Anthrachnose	Colletotrichum orbiculare
	1	Cercospora leaf spot	Cercospora sp./spp.
	2	Cucurbit bacterial wilt	Erwinia tracheiphila
	1	Flea beetles	Subfamily Galerucinae; Tribe Alticini
	2	Herbicide injury - Suspected	Abiotic disorder
	1	Melon severe mosaic (MeSMV)	Orthotospovirus Melon Severe Mosaic Virus
	1	Spider mites	Family Tetranychidae
	15	Total for Cucumber	
Cucurbits			
	1	Anthrachnose	Colletotrichum orbiculare
	2	Cucurbit bacterial wilt	Erwinia tracheiphila
	3	Total for Cucurbits	
Eggplant			
	1	Excessive water - Suspected	Abiotic disorder
	2	Flea beetles	Subfamily Galerucinae; Tribe Alticini
	1	Herbicide injury - Suspected	Abiotic disorder
	1	Sunscald; Sunburn	Abiotic disorder
	5	Total for Eggplant	

Field Pumpkin

- 1 Anthracnose
- 1 Cucurbit angular leaf spot
- 2 Cucurbit bacterial wilt
- 1 High temperature damage
- 1 Pickleworm
- 1 Powdery mildew
- 1 Rhizoctonia stem canker
- 8 Total for Field Pumpkin

Colletotrichum orbiculare
Pseudomonas syringae pv. lachrymans
Erwinia tracheiphila
Abiotic disorder
Diaphania nitidalis
Podosphaera xanthii
Rhizoctonia solani

Garden Beet

- 1 Bacterial blight
- 1 Total for Garden Beet

Pseudomonas syringae pv. aptata

Jalapeno Pepper

- 1 Bacterial canker
- 1 Flea beetles
- 1 High temperature damage
- 1 Root-knot nematodes
- 4 Total for Jalapeno Pepper

Clavibacter michiganensis subsp
michiganensis
Subfamily Galerucinae; Tribe Alticini
Abiotic disorder
Meloidogyne sp./spp.

Kale

- 1 Cabbage looper
- 1 Herbicide injury - Suspected
- 2 Total for Kale

Trichoplusia ni
Abiotic disorder

Lettuce

- 2 Pythium root and/or crown rot
- 2 Total for Lettuce

Pythium sp./spp.

Lima Bean

- 2 Bean brown spot blight
- 2 Total for Lima Bean

Pseudomonas syringae

Mustards

- 2 Crucifer bacterial leaf spot
- 1 Insufficient sample
- 1 White spot
- 4 Total for Mustards

Pseudomonas syringae pv. maculicola
Incomplete submission
Cercospora sp./spp.

Okra

- 1 Cercospora leaf spot

Cercospora sp./spp.

	1	Flea beetles	Subfamily Galerucinae; Tribe Alticini
	1	Herbicide injury - Suspected	Abiotic disorder
	1	Oedema; Edema	Abiotic disorder
	1	Root-knot nematodes	Meloidogyne sp./spp.
	1	Stink bugs	Family Pentatomidae
	1	Stink bugs - Suspected	Family Pentatomidae
	7	Total for Okra	
Pea			
	1	Chemical; Environmental injury - Suspected	Abiotic disorder
	1	Total for Pea	
Pepper			
	1	Chemical; Environmental injury - Suspected	Abiotic disorder
	1	Cucumber mosaic (CMV)	Cucumovirus Cucumber Mosaic Virus
	2	Herbicide injury - Suspected	Abiotic disorder
	1	Pythium root and/or crown rot	Pythium sp./spp.
	1	Root rot - Suspected	Unidentified Agent
	1	Southern blight	Sclerotium rolfsii
	3	Tomato; Pepper bacterial spot	Xanthomonas campestris pv. vesicatoria
	10	Total for Pepper	
Potato			
	1	Chemical; Environmental injury - Suspected	Abiotic disorder
	1	Herbicide injury - Suspected	Abiotic disorder
	2	Potato common scab	Streptomyces scabies
	1	Water rot; Potato leak	Pythium sp./spp.
	5	Total for Potato	
Pumpkin			
	1	Alternaria leaf blight	Alternaria sp./spp.
	3	Anthrachnose	Colletotrichum orbiculare
	1	Bacterial blight	Xanthomonas sp./spp.
	1	Cercospora leaf spot	Cercospora citrullina
	2	Cucurbit angular leaf spot	Pseudomonas syringae pv. lachrymans
	1	Cucurbit bacterial wilt	Erwinia tracheiphila
	1	No pathogen found	No Detection
	1	Salt damage - Suspected	Abiotic disorder
	1	Sunscald; Sunburn	Abiotic disorder
	1	Zucchini yellow mosaic (ZYMV)	Potyvirus Zucchini Yellow Mosaic Virus

13 Total for Pumpkin

Snap Bean; Green Bean

1	Bean brown spot blight	<i>Pseudomonas syringae</i>
1	<i>Cercospora</i> leaf spot	<i>Cercospora</i> sp./spp.
1	Crown and root rot	<i>Phytophthora</i> sp./spp.
1	Flea beetles	Subfamily Galerucinae; Tribe Alticini
2	Herbicide injury - Suspected	Abiotic disorder
1	No pathogen found	No Detection
1	Spider mites	Family Tetranychidae
8	Total for Snap Bean; Green Bean	

Southern Peas; Cowpeas Blackeye Peas

1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Herbicide injury - Suspected	Abiotic disorder
1	Spider mites	Family Tetranychidae
3	Total for Southern Peas; Cowpeas Blackeye Peas	

Spinach

1	Spinach flea beetle	<i>Disonycha xanthomelas</i>
1	Total for Spinach	

Squash

1	Calcium deficiency	Abiotic disorder
1	Insufficient sample	Incomplete submission
2	Melon severe mosaic (MeSMV)	Orthotospovirus Melon Severe Mosaic Virus
1	No pathogen found	No Detection
1	Powdery mildew	<i>Podosphaera xanthii</i>
1	Spider mites	Family Tetranychidae
1	Squash vine borer	<i>Melittia cucurbitae</i>
8	Total for Squash	

Sweet Corn

1	Corn bacterial stalk rot	<i>Erwinia</i> (<i>Pectobacterium</i>) <i>chrysanthemi</i> and <i>dissolvens</i>
1	Nutritional deficiency	Abiotic disorder
2	Total for Sweet Corn	

Sweetpea

1	Insect damage	Class Insecta
1	Root rot - Suspected	Unidentified Agent
2	Total for Sweetpea	

Tomatillo; Tree Tomato

1	Bacterial canker	Clavibacter michiganensis subsp michiganensis
1	Total for Tomatillo; Tree Tomato	

Tomato

1	Adventitious buds	Abiotic disorder
1	Anthrachnose	Colletotrichum coccodes
2	Aphids; Plant lice	Family Aphididae
20	Bacterial canker	Clavibacter michiganensis subsp michiganensis
3	Bacterial canker - Not Detected	Clavibacter michiganensis subsp michiganensis
1	Bacterial soft rot	Pectobacterium carotovorum
3	Bacterial speck	Pseudomonas syringae pv. tomato
7	Bacterial stem rot	Erwinia carotovora
20	Bacterial wilt	Ralstonia solanacearum
5	Bacterial wilt - Not Detected	Ralstonia solanacearum
1	Blossom end rot	Abiotic disorder
1	Bollworm; Corn earworm	Helicoverpa (Heliothis) zea
2	Botrytis blight	Botrytis sp./spp.
1	Buckeye rot	Phytophthora sp./spp.
2	Catface	Abiotic disorder
1	Chemical; Environmental injury - Suspected	Abiotic disorder
1	Crown and root rot	Phytophthora sp./spp.
3	Crown and root rot - Not Detected	Phytophthora sp./spp.
6	Cucumber mosaic (CMV) - Not Detected	Cucumovirus Cucumber Mosaic Virus
1	Early blight; Leaf spot - Not Detected	Alternaria solani
2	Ethylene exposure - Suspected	Abiotic disorder
1	Excessive water	Abiotic disorder
11	Flea beetles	Subfamily Galerucinae; Tribe Alticini
2	Fusarium wilt - Not Detected	Fusarium oxysporum
1	Grasshoppers - Suspected	Family Acrididae
35	Herbicide injury - Suspected	Abiotic disorder
1	Herbicide injury G#4 Synthetic auxin - Suspected	Abiotic disorder
1	Herbicide injury G#9 Glyphosate - Suspected	Abiotic disorder
6	Impatiens necrotic spot (INSV) - Not Detected	Tospovirus Impatiens Necrotic Spot Virus
2	Insect damage	Class Insecta
9	Insufficient sample	Incomplete submission

2	Late blight - Not Detected	Phytophthora infestans
3	Magnesium deficiency	Abiotic disorder
1	Moisture stress - Suspected	Abiotic disorder
4	Nutritional deficiency	Abiotic disorder
1	Oedema; Edema	Abiotic disorder
3	Phosphorus deficiency	Abiotic disorder
2	Pith necrosis	Pseudomonas corrugata
1	Pith necrosis - Not Detected	Pseudomonas corrugata
2	Pythium damping off - Not Detected	Pythium sp./spp.
5	Pythium root and/or crown rot	Pythium sp./spp.
1	Septoria leaf spot - Suspected	Septoria lycopersici
5	Southern blight	Sclerotium rolfsii
8	Spider mites	Family Tetranychidae
1	Stink bugs	Family Pentatomidae
1	Sunscald; Sunburn	Abiotic disorder
1	Tobacco etch (TEV) - Not Detected	Potyvirus Tobacco Etch Virus
4	Tobacco mosaic (TMV)	Tobamovirus Tobacco Mosaic Virus
6	Tobacco mosaic (TMV) - Not Detected	Tobamovirus Tobacco Mosaic Virus
2	Tobacco ringspot (TRSV) - Not Detected	Nepovirus Tobacco Ringspot Virus
1	Tomato aspermy (TAV) - Not Detected	Cucumovirus Tomato Aspermy Virus
22	Tomato bacterial speck	Pseudomonas tomato
5	Tomato Brown Rugose Fruit (ToBRFV) - Not Detected	Tobamovirus Tomato Brown Rugose Fruit Virus
1	Tomato hornworm	Manduca quinquemaculata
4	Tomato leaf curl New Delhi virus - Not Detected	Begomovirus ToLCNDV Tomato leaf curl New Delhi virus
3	Tomato spotted wilt (TSWV)	Tospovirus Tomato Spotted Wilt Virus
5	Tomato spotted wilt (TSWV) - Not Detected	Tospovirus Tomato Spotted Wilt Virus
1	White mold (Stem rot)	Sclerotinia sclerotiorum
2	Whiteflies	Family Aleyrodidae
250	Total for Tomato	

Turnip

1	Turnip maggot	Delia floralis
1	Total for Turnip	

Turnip (Greens)

1	Alternaria leaf blight	Alternaria sp./spp.
1	Cercospora leaf spot - Suspected	Cercospora brassicicola
1	White leaf spot; Gray stem	Pseudocercospora capsellae
3	Total for Turnip (Greens)	

Watermelon

1	Chemical; Environmental injury - Suspected	Abiotic disorder
4	Cucurbit angular leaf spot	<i>Pseudomonas syringae</i> pv. <i>lachrymans</i>
2	Cucurbit gummy stem blight	<i>Stagonosporopsis curcubitacearum</i>
1	Insect damage	Class Insecta
3	Insufficient sample	Incomplete submission
3	No pathogen found	No Detection
1	Nutritional deficiency	Abiotic disorder
2	Spider mites	Family Tetranychidae
1	Squash bug	<i>Anasa tristis</i>
1	Target spot	<i>Corynespora cassiicola</i>
3	Watermelon Fusarium wilt	<i>Fusarium oxysporum</i> f sp <i>niveum</i>
22	Total for Watermelon	

Yardlong Cowpea

1	Herbicide injury - Suspected	Abiotic disorder
1	Total for Yardlong Cowpea	

Yellow Squash

1	Cucurbit bacterial wilt	<i>Erwinia tracheiphila</i>
1	Insect damage	Class Insecta
1	Insufficient sample	Incomplete submission
1	Lace bugs	Family Tingidae
1	Melon severe mosaic (MeSMV)	Orthotospovirus Melon Severe Mosaic Virus
1	Normal plant growth	Identification Analysis
1	Pythium root and/or crown rot	<i>Pythium</i> sp./spp.
1	Squash bug	<i>Anasa tristis</i>
2	Squash vine borer	<i>Melittia cucurbitae</i>
1	Tobacco mosaic (TMV)	Tobamovirus Tobacco Mosaic Virus
1	Zucchini yellow mosaic (ZYMV)	Potyvirus Zucchini Yellow Mosaic Virus
12	Total for Yellow Squash	

Zucchini Squash

1	Environmental stress; Problem - Suspected	Abiotic disorder
1	Squash bug	<i>Anasa tristis</i>
2	Total for Zucchini Squash	

Weed

Horseweed

1	Horseweed	Conyza sp./spp.
1	Total for Horseweed	

Japanese Clover

1	Japanese clover	Kummerowia striata
1	Total for Japanese Clover	

Lambsquarters

1	Butterflies; Moths; Caterpillars	Order Lepidoptera
1	Total for Lambsquarters	

Lindheimer Panicgrass

1	Tapered rosette grass	Dichanthelium acuminatum
1	Total for Lindheimer Panicgrass	

Little Barley

1	Lab comments	Lab notes
1	Total for Little Barley	

Sida

1	Cuban jute - Suspected	Sida rhombifolia
1	Plant/Weed Identification Request	Identification request
2	Total for Sida	

Unknown Weed

1	Insufficient sample	Incomplete submission
1	Total for Unknown Weed	

Unknown Weeds; Unknown plants

1	Herbicide injury - Suspected	Abiotic disorder
1	Insect damage	Class Insecta
1	Knawel; German knotgrass	Scleranthus annuus
3	Total for Unknown Weeds; Unknown plants	

Yellow Foxtail

1	Yellow foxtail	Setaria glauca
1	Total for Yellow Foxtail	