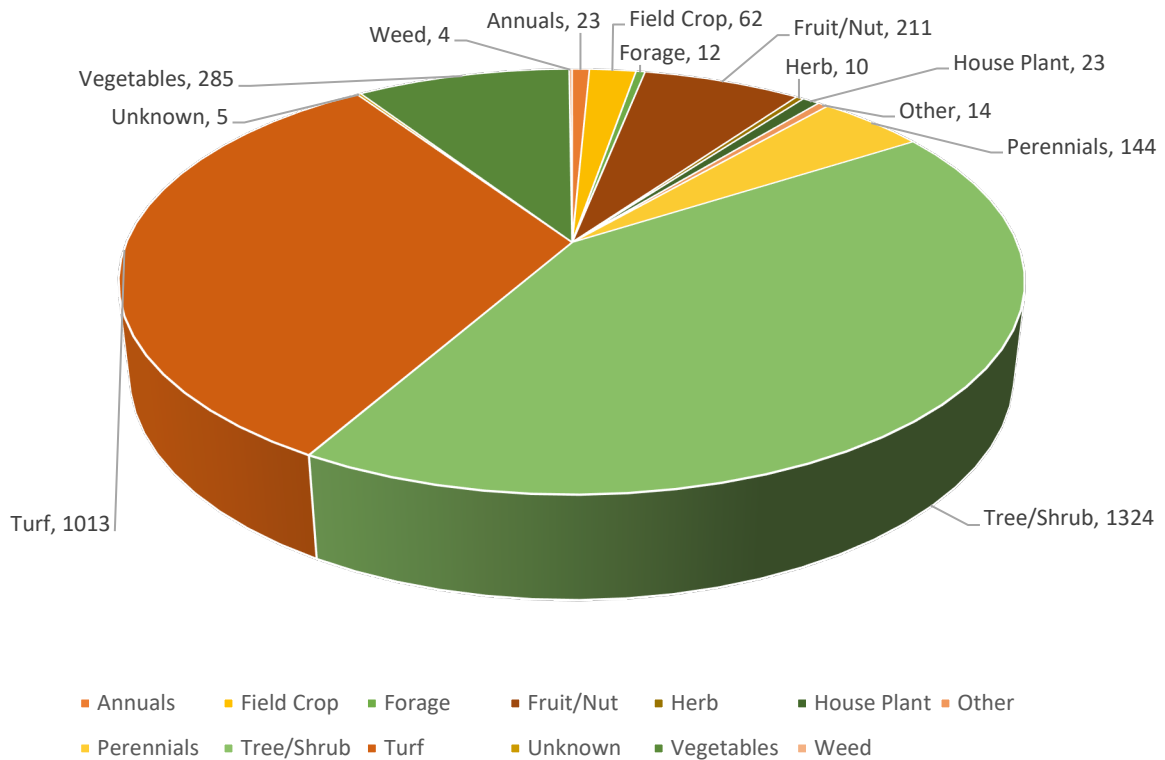


Plant Health Clinic 2022 Summary Report

The Plant Health Clinic received 3130 plant samples for calendar year 2022. Horticultural samples continue to follow the trend of recent years by comprising the largest percentage of samples received. The largest category of samples in 2022 was for the category Trees/shrubs (42%) with 1324 samples, followed by Turf (32%), with 1013 samples, Vegetables (9%), with 285 samples Fruit/nut (7%), with 211 samples, Perennials (5%) with 144 samples, Field Crops (2%), with 62 samples. Annuals (1%), with 23 samples. Houseplants (1%) with 23 samples, and the remaining 1% divided among weed samples, forage, herb, houseplants, and unknown.

Plant Health Clinic Samples January 1, 2022-January 1, 2023



Plant Health Samples by Commodity	Number of Samples
Annuals	23
Field Crop	62
Forage	12
Fruit/Nut	211
Herb	10
House Plant	23
Other	14
Perennials	144
Tree/Shrub	1324
Turf	1013
Unknown	5
Vegetables	285
Weed	4
Total	3130

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

MonthPlant 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

County	Plant Health Samples Submitted	County	Plant Health Clinic Samples Submitted
Pope	90	Prairie	6
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

- 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 hickoriae*
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 ancyliivorus*
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