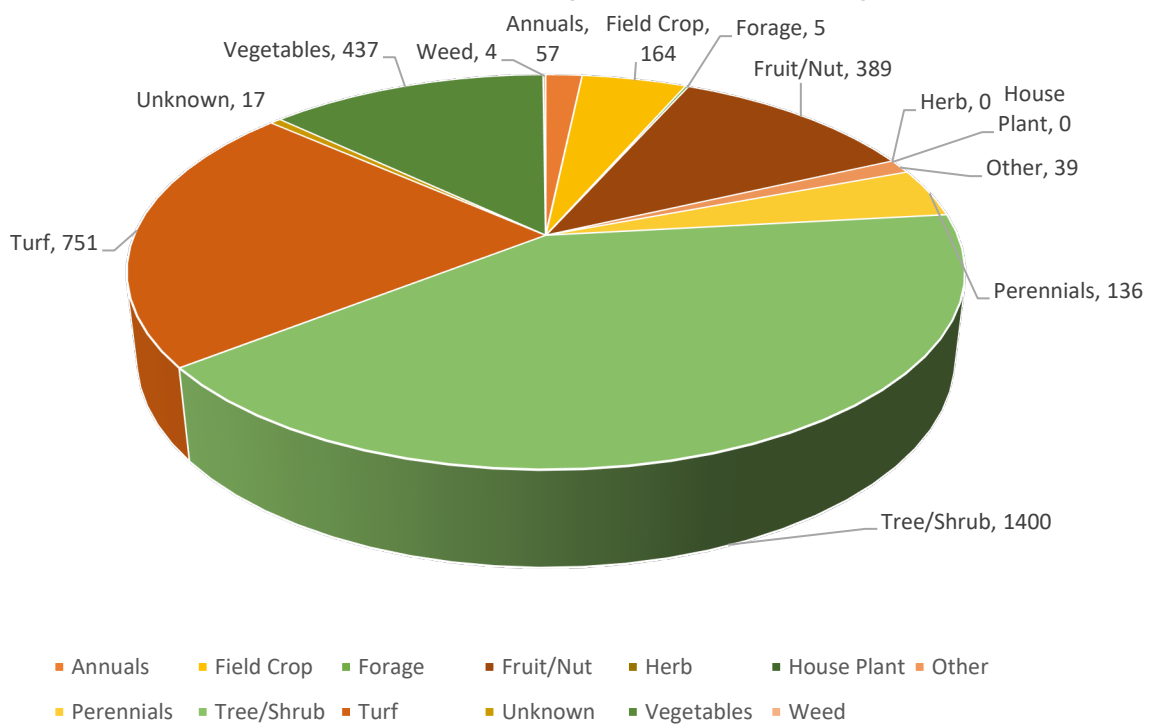


## Plant Health Clinic 2017 Summary Report

The Plant Health Clinic received 3398 plant samples in 2017. Horticultural samples continue to follow the trend of recent years by comprising the largest percentage of samples received. The largest category of samples in 2017 was for the category Trees/shrubs (41.0%) with 1400 samples, followed by Turf (22.0%), with 751 samples, Vegetables (13.0%), with 437 samples, Fruit/Nut (11.0%), with 389 samples, Field Crops (5.0%), Perennials (4.0%), Annuals (2.0%), the remaining 2% divided among weed samples, forage, and unknown.

### Plant Health Clinic Samples January 1, 2017-January 1, 2018



<b>Plant Health Samples by Commodity</b>	<b>Number of Samples</b>
<b>Annuals</b>	<b>57</b>
<b>Field Crop</b>	<b>164</b>
<b>Forage</b>	<b>5</b>
<b>Fruit/Nut</b>	<b>389</b>
<b>Herb</b>	<b>0</b>
<b>House Plant</b>	<b>0</b>
<b>Other</b>	<b>39</b>
<b>Perennials</b>	<b>136</b>
<b>Tree/Shrub</b>	<b>1400</b>
<b>Turf</b>	<b>751</b>
<b>Unknown</b>	<b>17</b>
<b>Vegetables</b>	<b>437</b>
<b>Weed</b>	<b>4</b>
<b>Total</b>	<b>3398</b>

<b>District</b>	<b>Plant Health Samples Submitted</b>
<b>Out of State</b>	<b>25</b>
<b>Delta</b>	<b>763</b>
<b>Ouachita</b>	<b>1149</b>
<b>Ozark</b>	<b>1460</b>
<b>Total</b>	<b>3398</b>

**Month                                  Plant Health Samples Submitted**

<b>January</b>	<b>75</b>
Week 1	10
Week 2	11
Week 3	11
Week 4	31
Week 5	12
<b>February</b>	<b>95</b>
Week 5	6
Week 6	24
Week 7	17
Week 8	32
Week 9	16

<b>March</b>	<b>166</b>
Week 10	23
Week 11	35
Week 12	50
Week 13	46
Week 9 12	
<b>April</b>	<b>330</b>
Week 14	62
Week 15	69
Week 16	111
Week 17	88
<b>May</b>	<b>573</b>
Week 18	110
Week 19	124
Week 20	129
Week 21	134
Week 22	76
<b>June</b>	<b>606</b>
Week 22	28
Week 23	152
Week 24	155
Week 25	127
Week 26	144
<b>July</b>	<b>375</b>
Week 27	53
Week 28	118
Week 29	102
Week 30	84
Week 31	18
<b>August</b>	<b>441</b>
Week 31	44
Week 32	112
Week 33	96
Week 34	83
Week 35	106
<b>September</b>	<b>408</b>
Week 35	5
Week 36	126
Week 37	83
Week 38	95
Week 39	99

<b>October</b>	<b>207</b>
Week 40	78
Week 41	48
Week 42	38
Week 43	28
Week 44	15
<b>November</b>	<b>84</b>
Week 44	15
Week 45	18
Week 46	28
Week 47	10
Week 48	13
<b>December</b>	<b>38</b>
Week 48	5
Week 49	18
Week 50	9
Week 51	6

**Plant Health Total 3398**

<b>County</b>	<b>Plant Health Samples Submitted</b>	<b>County</b>	<b>Plant Health Samples Submitted</b>
Ashley	12	Arkansas	55
Benton	246	Baxter	89
Bradley	28	Boone	58
Carroll	39	Calhoun	1
Clark	32	Chicot	10
Cleburne	38	Clay	46
Conway	16	Columbia	15
Crawford	202	Craighead	124
Cross	35	Crittenden	47
Drew	7	Desha	5
Franklin	23	Faulkner	86
Garland	248	Fulton	9
Greene	5	Grant	11
Hot Spring	20	Hempstead	10
Independence	15	Howard	15
Jackson	31	Izard	19
Johnson	9	Jefferson	33
Lawrence	18	Lafayette	11
Lincoln	9	Lee	3
Lonoke	107	Logan	19
Miller	44	Marion	14

County	Plant Health Samples Submitted	County	Plant Health Samples Submitted
Monroe	19	Mississippi	20
Nevada	3	Montgomery	33
Ouachita	1	Newton	11
Perry	12	Out of State	25
Pike	14	Phillips	27
Polk	12	Poinsett	11
Prairie	21	Pope	75
Randolph	1	Pulaski	419
Searcy	11	Saline	203
Sevier	15	Sebastian	91
St. Francis	23	Sharp	29
Union	2	Stone	11
Washington	338	Van Buren	9
White	92	Woodruff	392
Yell	3		
<b>Plant Health Total</b>			<b>3398</b>

561

5 - Juniper scale, *Carulaspis juniperi*

Confirmed: 5

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

Confirmed: 1

1 - Sirococcus twig blight, *Sirococcus* sp./spp.

Confirmed: 1

1 - Phymatotrichum root rot, *Phymatotrichopsis omnivora*

Confirmed: 1

1 - Black rot, *Xanthomonas campestris*

Confirmed: 1

5 - Cotton angular leaf spot, *Xanthomonas campestris* pv. *malvacearui*

Confirmed: 2

Suspected: 3

11 - Glyphosate injury, Abiotic disorder

Confirmed: 7

Suspected: 4

1 - Scab, *Fusarium* sp./spp.

Confirmed: 1

4 - Powdery mildew, *Sphaerotheca pannosa*

Confirmed: 4

1 - Grape anthracnose; Birds-eye rot, *Elsinoe ampelina*

Confirmed: 1

1 - , *Xylella fastidiosa*

Confirmed: 1

9 - Anthracnose, *Colletotrichum orbiculare*

Confirmed: 6

Suspected: 3

1 - Dieback; Canker, *Nectria* sp./spp.

Confirmed: 1

38 - Scale insects, Order homoptera

Confirmed: 38

1 - Thrips damage, Unidentified Thrips

Confirmed: 1

4 - Anthracnose, *Colletotrichum graminicola*

Confirmed: 4

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

Confirmed: 3

2 - Bacterial leaf blight, *Pseudomonas* sp./spp.

Confirmed: 2

1 - Powdery mildew, Unidentified Fungus

Confirmed: 1

3 - Potassium deficiency, Abiotic disorder

Suspected: 3

1 - Powdery mildew, *Oidium* sp./spp.

Confirmed: 1

2 - *Leucostoma* canker, *Leucostoma* sp./spp.

Suspected: 2

6 - , *Nigrospora oryzae*

Confirmed: 6

1 - Northern corn leaf blight; Leaf spot, *Exserohilum turcicum*

Confirmed: 1

19 - Tomato bacterial speck, *Pseudomonas tomato*

Confirmed: 17

Suspected: 2

2 - Bacterial leaf blight, *Pseudomonas syringae*

Confirmed: 2

1 - Needle blight, *Phyllosticta* sp./spp.

Confirmed: 1

7 - Viruses, Viruses

Not Detected: 6

Suspected: 1

1 - Bacterial panicle blight, *Burkholderia* sp./spp.

Confirmed: 1

7 - Dogwood leaf spot, *Septoria cornicola*

Confirmed: 7

8 - Leaf spot, *Tubakia dryina*

Confirmed: 7



Suspected: 1

2 - Fig rust, *Cerotelium fici*

Confirmed: 1

Suspected: 1

1 - Coreopsis leaf beetle, *Calligrapha californica*

Confirmed: 1

1 - Bacterial leaf spot, *Acidovorax* sp./spp.

Suspected: 1

1 - Root problems, Abiotic disorder

Suspected: 1

1 - Sclerotium root rot, *Sclerotium* sp./spp.

Confirmed: 1

19 - Rose rosette disease (RRV), Emaravirus Rose Rosette Virus

Confirmed: 14

Suspected: 5

9 - Gray leaf spot, *Pyricularia grisea*

Confirmed: 7

Suspected: 2

1 - Blue-green sharpshooter, *Graphocephala atropunctata*

Suspected: 1

4 - Pecan leaf Phylloxera, *Phylloxera notabilis*

Confirmed: 4

1 - Leaf and flower gall, *Exobasidium vaccinii*

Confirmed: 1

1 - Rose midge, *Dasineura rhodophaga*

Confirmed: 1

3 - Poor pollination, Abiotic disorder

Confirmed: 1

Suspected: 2

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

Confirmed: 29

Suspected: 5

3 - Stem end rot; Fruit rot, *Phomopsis* sp./spp.

Confirmed: 3

1 - Chrysanthemum white rust, *Puccinia horiana*

Confirmed: 1

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

Confirmed: 2

Suspected: 1

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

Confirmed: 1

Suspected: 1

1 - Spiny witch-hazel aphid, *Hamamelistes spinosus*

Confirmed: 1

12 - Anthracnose, *Discula quercina*

Confirmed: 11

Suspected: 1

8 - Azalea leaf spot, *Pseudocercospora handelii*

Confirmed: 8

2 - Bitter rot, *Colletotrichum gloeosporioides*

Confirmed: 2

3 - Bacterial blight, *Xanthomonas campestris*

Confirmed: 3

1 - Branch and tip blight, *Passalora sequoiae*

Confirmed: 1

99 - Insufficient sample, Identification Analysis

Confirmed: 92

Undetermined: 2

Inconclusive: 3

Suspected: 2

6 - Pitch canker, *Fusarium tricinctum*

Confirmed: 5

Suspected: 1

1 - Gouty oak gall wasp, *Callirhytis quercus*

Confirmed: 1

2 - Bacterial speck, *Pseudomonas syringae*

Confirmed: 2

16 - Brown patch, *Rhizoctonia solani*

Confirmed: 16

18 - Maple anthracnose, *Aureobasidium apocryptum*

Confirmed: 17

Suspected: 1

1 - Southern potato wireworm, *Conoderus falli*

Suspected: 1

6 - Drought stress damage, Abiotic disorder

Suspected: 6

4 - Cercospora leaf spot, *Pseudocercospora salicina*

Confirmed: 4

1 - Oxalis rust, *Puccinia oxalidis*

Confirmed: 1

1 - Acarid mites, Family Acaridae

Confirmed: 1

3 - Alternaria leaf spot, *Alternaria* sp./spp.

Confirmed: 3

2 - Septoria leaf and cane spot, *Sphaerulina westendorpii*

Confirmed: 2

1 - Grape berry moth, *Endopiza viteana*

Confirmed: 1

2 - Bacterial soft rot, *Pectobacterium carotovorum carotovorum*

Confirmed: 2

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

Confirmed: 1

1 - Crucifer bacterial black rot, *Xanthomonas campestris*

Confirmed: 1

3 - Anthracnose, *Elsinoe* sp./spp.

Confirmed: 3

2 - Phomopsis leaf spot, *Phomopsis* sp./spp.

Confirmed: 2

4 - Botrytis blight, Botrytis sp./spp.

Confirmed: 4

2 - Barley yellow dwarf (BYDV-PAV), Luteovirus Barley Yellow Dwarf Virus PAV

Confirmed: 2

1 - Mycosphaerella leaf spot, Mycosphaerella sp./spp.

Confirmed: 1

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

Confirmed: 1

3 - Bitter rot, Colletotrichum sp./spp.

Confirmed: 3

1 - Winter injury, Abiotic disorder

Suspected: 1

28 - Cercospora leaf spot, Cercospora sp./spp.

Confirmed: 27

Suspected: 1

1 - Orange rust, Gymnoconia nitens

Confirmed: 1

3 - Potato common scab, Streptomyces scabies

Confirmed: 3

- 9 - Charcoal rot, *Macrophomina phaseolina*  
Confirmed: 9
- 1 - Red leaf spot, *Tubakia dryina*  
Confirmed: 1
- 3 - Yellow-bellied sapsucker, *Sphyrapicus varius*  
Confirmed: 3
- 1 - Bulb mite, *Rhizoglyphus* sp./spp.  
Confirmed: 1
- 11 - Whiteflies, Family Aleyrodidae  
Confirmed: 11
- 19 - Septoria leaf spot, *Septoria lycopersici*  
Confirmed: 18  
Suspected: 1
- 1 - Phomopsis gall, *Phomopsis* sp./spp.  
Confirmed: 1
- 2 - Peony leaf blotch, *Graphiopsis chlorocephala*  
Confirmed: 1  
Suspected: 1
- 4 - Rhizoctonia damping off, *Rhizoctonia* sp./spp.

Confirmed: 4

4 - Rhizoctonia root rot, *Rhizoctonia* sp./spp.

Confirmed: 4

2 - Buckeye rot, *Phytophthora nicotianae*

Confirmed: 1

Suspected: 1

11 - Soybean downy mildew, *Peronospora manshurica*

Confirmed: 11

29 - Bacterial leaf spot, *Xanthomonas campestris pruni*

Confirmed: 26

Suspected: 3

10 - Bacterial leaf spot, *Xanthomonas* sp./spp.

Confirmed: 9

Suspected: 1

2 - Rust; Leaf rust, *Puccinia zoysiae*

Confirmed: 2

7 - Tobacco mosaic (TMV), Tobamovirus Tobacco Mosaic Virus

Confirmed: 6

Not Detected: 1

1 - Corn (Common) smut, *Ustilago maydis*



Confirmed: 1

2 - Lace bugs, Family Tingidae

Confirmed: 2

1 - Rust, *Puccinia graminis graminicola*

Confirmed: 1

1 - Birch anthracnose, *Ophiognomonia intermedia*

Confirmed: 1

1 - Aerial blight, *Rhizoctonia* sp./spp.

Confirmed: 1

1 - Bacterial soft rot, *Erwinia* sp./spp.

Confirmed: 1

1 - Earthworms, Phylum Annelida; Subclass Oligochaeta

Confirmed: 1

1 - Balling, Abiotic disorder

Confirmed: 1

1 - Anthracnose; Twig dieback, *Colletotrichum* sp./spp.

Confirmed: 1

2 - Woolly oak aphid, *Stegophylla essigi*

Confirmed: 2

5 - Pestalotia leaf blight, *Pestalotia cryptomeriae*

Confirmed: 5

73 - No pathogen found, Identification Analysis

Confirmed: 68

Undetermined: 3

Inconclusive: 1

Not Detected: 1

1 - Threecornered alfalfa hopper, *Spissistilus festinus*

Confirmed: 1

1 - Birch Septoria leaf spot, *Septoria betulicola*

Confirmed: 1

13 - Bacterial canker, *Pseudomonas syringae syringae*

Confirmed: 10

Suspected: 3

12 - Rhizosphaera needle cast, *Rhizosphaera* sp./spp.

Confirmed: 12

2 - Mites, Order Acari

Confirmed: 2

47 - Chemical; Environmental injury, Abiotic disorder

Confirmed: 1

Suspected: 46

1 - Soybean brown spot, *Septoria glycines*

Confirmed: 1

1 - Aggregate sheath spot, *Rhizoctonia oryzae-sativae*

Confirmed: 1

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

Confirmed: 1

1 - Canker, Unidentified Agent

Confirmed: 1

10 - Bacterial leaf spot, *Pseudomonas syringae*

Confirmed: 10

24 - Oedema; Edema, Abiotic disorder

Confirmed: 24

1 - , *Pestalotiopsis funerea*

Confirmed: 1

1 - Granulate Ambrosia beetle, *Xylosandrus crassiusculus*

Confirmed: 1

1 - Adventitious buds, Abiotic disorder

Confirmed: 1

1 - Cucurbit yellow vine disease, *Serratia marcescens*

Suspected: 1

1 - Sunflower leaf blight; Stem spot, *Alternaria helianthi*

Confirmed: 1

1 - Pine oak gall rust, *Cronartium quercuum*

Confirmed: 1

4 - Common corn rust, *Puccinia sorghi*

Confirmed: 4

1 - Stonefruit bacterial spot, *Xanthomonas campestris* pv. *pruni*

Confirmed: 1

2 - Twig blight, *Monilinia azaleae*

Confirmed: 2

7 - Freeze; Frost; Cold damage, Abiotic disorder

Confirmed: 1

Suspected: 6

2 - Daylily leaf streak, *Collecephalus hemerocallidis*

Confirmed: 1

Suspected: 1

1 - , *Phyllosticta* sp./spp.

Confirmed: 1

3 - Bristly roseslug, *Cladius difformis*

Confirmed: 3

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

Confirmed: 2

Suspected: 3

1 - Botrytis damping off, *Botrytis* sp./spp.

Confirmed: 1

1 - Larger canna leafroller, *Calpodes ethlius*

Confirmed: 1

1 - Canker, *Hypoxylon* sp./spp.

Confirmed: 1

4 - Oak lace bug, *Corythucha arcuata*

Confirmed: 4

13 - Natural senescence, Abiotic disorder

Confirmed: 6

Suspected: 7

2 - White rust, *Albugo ipomoeae-panduratae*

Confirmed: 2

1 - Common bacterial blight, *Xanthomonas campestris* pv. *phaseoli*

Confirmed: 1

2 - Verticillium wilt, *Verticillium albo-atrum*

Confirmed: 2

2 - High pH damage, Abiotic disorder

Suspected: 2

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

Confirmed: 1

Suspected: 1

1 - Crown gall, *Agrobacterium tumefaciens*

Confirmed: 1

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

Confirmed: 7

Suspected: 1

6 - Stripe rust; Yellow rust, *Puccinia striiformis* var. *striiformis*

Confirmed: 6

1 - Spot anthracnose, *Elsinoe veneta*

Confirmed: 1

1 - Powdery mildew, *Podosphaera aphanis* var. *physocarpis*

Confirmed: 1

2 - Radish bacterial black rot, *Xanthomonas campestris* pv. *raphani*

Confirmed: 2

36 - Cypress canker, *Seiridium cardinale*

Confirmed: 32

Suspected: 4

2 - Cedar-quince rust, *Gymnosporangium clavipes*

Confirmed: 2

2 - Algae, General

Confirmed: 2

1 - Grape downy mildew, *Plasmopara viticola*

Confirmed: 1

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

Confirmed: 4

Suspected: 1

2 - Variable oakleaf caterpillar, *Heterocampa manteeo*

Confirmed: 2

1 - Canker, *Leptosphaeria* sp./spp.

Confirmed: 1

2 - Anthracnose fruit rot, *Colletotrichum coccodes*

Confirmed: 2

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

Confirmed: 1

1 - Flea beetles, Subfamily Alticinae

Confirmed: 1

168 - Crown and root rot, *Phytophthora* sp./spp.

Confirmed: 108

Not Detected: 8

Suspected: 52

1 - Smoky brown cockroach, *Periplaneta fuliginosa*

Confirmed: 1

3 - Coryneum blight (Shot hole), *Thyrostroma carpophilum*

Confirmed: 2

Suspected: 1

3 - Bacterial leaf spot, *Xanthomonas campestris* pv. *poinsetticola*

Confirmed: 3

1 - Hickory bark beetle, *Scolytus quadrispinosus*

Suspected: 1

2 - Thrips, *Thrips* sp./spp.

Confirmed: 2



16 - Black rot, *Phyllosticta ampellicida*

Confirmed: 16

1 - Twig and branch canker, *Steganosporium* sp./spp.

Confirmed: 1

1 - Wildfire, *Pseudomonas syringae* PV. *tabaci*

Confirmed: 1

1 - Hickory leaf stem gall aphid, *Phylloxera caryaecaulis*

Confirmed: 1

1 - Basal canker; Butt rot, *Kretzschmaria deusta*

Confirmed: 1

1 - , *Elsinoe veneta*

Suspected: 1

2 - Bacterial leaf spot, *Xanthomonas campestris* pv. *vesicatoria*

Confirmed: 2

2 - Salt damage, Abiotic disorder

Suspected: 2

1 - Anthracnose; Leaf spot, *Colletotrichum trichellum*

Confirmed: 1

7 - Brown patch, *Rhizoctonia* sp./spp.

Confirmed: 7

2 - Willow black canker, *Colletotrichum salicis*

Confirmed: 2

2 - Large milkweed bug, *Oncopeltus fasciatus*

Confirmed: 2

1 - Muscadine Angular Leaf Spot, *Mycosphaerella angulata*

Confirmed: 1

1 - Soybean stem canker, *Diaporthe phaseolorum*

Confirmed: 1

47 - Spider mites, Family Tetranychidae

Confirmed: 43

Suspected: 4

7 - Euonymus scale, *Unaspis euonymi*

Confirmed: 7

6 - Take-all, *Gaeumannomyces* sp./spp.

Confirmed: 6

1 - Sunflower bacterial leaf spot, *Pseudomonas syringae* pv. *helianthi*

Confirmed: 1

1 - Rhododendron leaf spot, *Septoria rhododendri*

Confirmed: 1

7 - Bean brown spot blight, *Pseudomonas syringae*

Confirmed: 7

2 - Slime mold, Class Myxogastria; Mycetozoa

Confirmed: 2

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

Confirmed: 1

3 - Viburnum bacterial blight, *Pseudomonas syringae* pv. *viburnii*

Confirmed: 3

1 - Baldcypress rust mite, *Epitrimerus taxodii*

Confirmed: 1

1 - Walnut shoot moth, *Acrobasis demotella*

Confirmed: 1

3 - Rhizoctonia root rot, *Rhizoctonia solani*

Confirmed: 3

2 - , Unidentified Canker

Suspected: 2

2 - Canker; Dieback; Leaf blight, *Fusicoccum* sp./spp.

Confirmed: 1

Suspected: 1

1 - Sirococcus needle blight, *Sirococcus* sp./spp.

Confirmed: 1

1 - , *Pythium* sp./spp.

Confirmed: 1

2 - Chestnut blight, *Cryphonectria parasitica*

Confirmed: 1

Suspected: 1

1 - , *Cercospora hydrangeae*

Confirmed: 1

1 - Spot anthracnose, *Sphaceloma* sp./spp.

Confirmed: 1

2 - Erineum galls, Family Eriophyidae

Confirmed: 2

1 - Bacterial blight, *Xanthomonas* sp./spp.

Confirmed: 1

2 - Grape leafroller, *Desmia funeralis*

Confirmed: 2

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

Confirmed: 4

1 - Wireworms (Click beetles), Family Elateridae

Confirmed: 1

4 - Bacterial leaf spot, Unidentified Bacteria

Confirmed: 3

Suspected: 1

1 - Insufficient information, Identification Analysis

Confirmed: 1

2 - Walnut anthracnose, *Ophiognomonia leptostyla*

Confirmed: 2

1 - Anthracnose, *Colletotrichum dematium*

Confirmed: 1

8 - Nutritional deficiency, Abiotic disorder

Suspected: 8

2 - Thrips, Order thysanoptera

Confirmed: 2

1 - Eutypella canker dieback, *Eutypella parasitica*

Suspected: 1

1 - Rice blast, *Pyricularia grisea*

Confirmed: 1

1 - Apple blight, *Diaporthe mali*

Suspected: 1

2 - Southern red mite, *Oligonychus ilicis*

Confirmed: 2

6 - Spot anthracnose, *Elsinoe corni*

Confirmed: 6

6 - Cyclamen mite, *Phytonemus (Steneotarsonemus) pallidus*

Confirmed: 6

1 - *Pyracantha scab*, *Venturia inaequalis*

Suspected: 1

1 - Cercospora leaf spot, *Cercospora brassicicola*

Confirmed: 1

1 - Roly poly oak gall, *Andricus palytes*

Suspected: 1

5 - Mallow rust; Hollyhock rust, *Puccinia malvacearum*

Confirmed: 5

4 - Leaf spot, *Cercospora zinniae*

Confirmed: 4

1 - Leaf scorch, Abiotic disorder

Confirmed: 1

1 - Canker, *Cryptodiaporthe* sp./spp.

Confirmed: 1

3 - Pythium fruit rot; Cottony leak, *Pythium* sp./spp.

Confirmed: 3

1 - Crown rot, *Rhizoctonia* sp./spp.

Confirmed: 1

2 - Oak leaf blister, *Taphrina caerulescens*

Confirmed: 2

9 - Rust, *Gymnosporangium* sp./spp.

Confirmed: 9

3 - Dogwood borer, *Synanthedon scitula*

Confirmed: 1

Suspected: 2

1 - Pepper Cercospora Leaf Spot, *Cercospora capsici*

Confirmed: 1

17 - Pestalotiopsis needle blight; Tip blight, *Pestalotiopsis* sp./spp.

Confirmed: 17

1 - Willow bead gall mite, *Aculops tetanothrix*

Confirmed: 1

1 - Bacterial leaf spot, *Acidovorax avenae avenae*

Suspected: 1

1 - Hymenopterans, Order hymenoptera

Suspected: 1

1 - Dollar spot, *Sclerotinia homeocarpa*

Confirmed: 1

5 - Southern blight, *Sclerotium rolfsii*

Confirmed: 5

4 - Powdery mildew, *Erysiphe lagerstroemiae*

Confirmed: 4

2 - Normal plant growth, Identification Analysis

Confirmed: 2

1 - Anthracnose stem blight, *Colletotrichum* sp./spp.

Confirmed: 1

4 - Phomopsis tip blight; Needle blight, *Phomopsis juniperovora*

Confirmed: 4



1 - , Glomerella(Colletotrichum) cingulata (gloeosporioides)

Confirmed: 1

2 - Scorch, Abiotic disorder

Confirmed: 1

Suspected: 1

1 - Anthracnose, Colletotrichum acutatum

Confirmed: 1

2 - Anthracnose, Gnomonia caryae

Confirmed: 2

1 - , Fusarium sp./spp.

Confirmed: 1

1 - Fusarium rot, Fusarium sp./spp.

Suspected: 1

1 - Mite damage, Unidentified Mite

Confirmed: 1

1 - Ascochyta blight, Ascochyta sp./spp.

Confirmed: 1

1 - Canker, Unidentified fungus

Confirmed: 1

1 - Sooty blotch (Fruit), *Gloeodes pomigena*

Confirmed: 1

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

Confirmed: 4

1 - Rose canker, *Coniothyrium* sp./spp.

Confirmed: 1

1 - Spiders, Order araneae

Confirmed: 1

21 - Azalea lace bug, *Stephanitis pyrioides*

Confirmed: 20

Suspected: 1

1 - Phytotoxicity, Abiotic disorder

Suspected: 1

1 - Laurel wilt, *Raffaelea lauricola*

Suspected: 1

1 - , *Cercospora* sp./spp.

Confirmed: 1

1 - , Comovirus Squash Mosaic Virus

Confirmed: 1

2 - Bacterial blight, *Erwinia* sp./spp.

Confirmed: 2

1 - Basal glume rot (Wheat), *Pseudomonas syringae* PV. *atofaciens*

Confirmed: 1

1 - Rose aphid, *Macrosiphum rosae*

Confirmed: 1

2 - Bark splitting, Abiotic disorder

Confirmed: 2

1 - , *Verticillium* sp./spp.

Suspected: 1

7 - Soybean bacterial pustule, *Xanthomonas campestris* pv. *glycines*

Confirmed: 6

Not Detected: 1

2 - Flyspeck, *Schizothyrium pomi*

Confirmed: 2

1 - , *Gymnosporangium sabine*

Confirmed: 1

9 - Rose brown canker, *Cryptosporella umbrina*

Confirmed: 8

Suspected: 1

6 - Dogwood anthracnose, *Discula destructiva*

Confirmed: 5

Suspected: 1

1 - , *Phyllosticta minima*

Confirmed: 1

2 - Mulberry leaf spot, *Cercospora mori*

Confirmed: 2

1 - Oxygen deficiency, Abiotic disorder

Suspected: 1

3 - White spot, *Cercospora* sp./spp.

Confirmed: 3

7 - Helminthosporium leaf spot, *Bipolaris cynodontis*

Confirmed: 7

1 - Cedar-hawthorn rust, *Gymnosporangium globosum*

Confirmed: 1

1 - Leaf blight; Stem blight; Stem canker, *Boeremia exigua*

Suspected: 1

8 - , Identification Analysis

Confirmed: 4

Suspected: 4

1 - , Unidentified Virus

Confirmed: 1

2 - Nutritional pathology, Abiotic disorder

Suspected: 2

379 - Large patch, *Rhizoctonia solani*

Confirmed: 370

Suspected: 9

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

Confirmed: 1

2 - Manganese toxicity, Abiotic disorder

Suspected: 2

11 - Oak twig canker and dieback, *Botryosphaeria quercuum*

Confirmed: 10

Suspected: 1

1 - Phytophthora bulb rot, *Phytophthora cactorum*

Confirmed: 1

1 - Dothistroma needle blight, *Dothistroma* sp./spp.

Confirmed: 1

1 - Redbud leaffolder, *Fascista cercerisella*

Confirmed: 1

1 - Low pH damage, Abiotic disorder

Suspected: 1

1 - White rot, *Stromatinia cepivora*

Confirmed: 1

6 - Fungal leaf spot, *Cercospora hydrangeae*

Confirmed: 6

1 - , *Pseudocercospora salicina*

Confirmed: 1

1 - Meadow spikemoss, *Selaginella apoda*

Confirmed: 1

1 - White oak borer, *Goes tigrinus*

Suspected: 1

3 - Southern corn rust, *Puccinia polysora*

Confirmed: 2

Suspected: 1

1 - , *Elsinoe corni*

Confirmed: 1

1 - , Viruses

Suspected: 1

1 - Elm lace bug, *Corythucha ulmi*

Confirmed: 1

7 - Phyllosticta leaf spot, *Phyllosticta* sp./spp.

Confirmed: 6

Suspected: 1

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

Suspected: 1

2 - Stalk borer, *Papaipema nebris*

Confirmed: 2

1 - Rose shoot borer, *Notocelia rosacolana*

Confirmed: 1

1 - Pine beetles, Family Scolytidae

Suspected: 1

1 - Sharp eyespot, *Rhizoctonia solani*

Confirmed: 1

1 - *Cylindrocladium* blight, *Calonectria* sp./spp.

Confirmed: 1

2 - Daylily rust, *Puccinia hemerocallidis*

Confirmed: 2

1 - Brand canker, *Coniothyrium wernsdorffiae*

Confirmed: 1

2 - Horned oak gall wasp, *Callirhytis cornigera*

Confirmed: 2

1 - , *Sphaerulina rubi*

Confirmed: 1

5 - Black root rot, *Thielaviopsis basicola*

Confirmed: 4

Suspected: 1

7 - , *Phytophthora* sp./spp.

Confirmed: 3

Not Detected: 2

Suspected: 2

2 - , *Tubakia* sp./spp.

Confirmed: 2

75 - Root rot, Unidentified Agent

Confirmed: 2

Suspected: 73



1 - , Lichenes

Confirmed: 1

3 - Leucostoma canker, *Valsa cincta*

Confirmed: 2

Suspected: 1

15 - Aphis aphids, *Aphis* sp./spp.

Confirmed: 14

Suspected: 1

10 - Cucurbit downy mildew, *Pseudoperonospora cubensis*

Confirmed: 10

2 - Leaf blight and spot; Shothole, *Blumeriella jaapii*

Confirmed: 2

1 - Cecidomyiid, *Polystepha* sp./spp.

Confirmed: 1

1 - , *Aphis* sp./spp.

Confirmed: 1

1 - Sorghum midge, *Contarinia sorghicola*

Confirmed: 1

3 - Sunlight-induced pathology, Abiotic disorder

Confirmed: 1

Suspected: 2

2 - Double blossom (Rosette), *Cercospora rubi*

Confirmed: 2

1 - Phytophthora blight; Root rot, *Phytophthora capsici*

Confirmed: 1

1 - Pecan nut casebearer, *Acrobasis nuxvorella*

Confirmed: 1

1 - Colletotrichum leaf spot, *Colletotrichum dematium*

Confirmed: 1

5 - Powdery mildew, *Erysiphe* sp./spp.

Confirmed: 5

1 - Aster yellows Phytoplasma, *Candidatus Phytoplasma asteris*

Confirmed: 1

1 - Phytophthora fruit rot, *Phytophthora capsici*

Confirmed: 1

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

Confirmed: 141

1 - Nitrogen deficiency, Abiotic disorder

Suspected: 1

2 - Pecan leaf scorch mite, *Eotetranychus hicoriae*

Confirmed: 2

2 - Algal leaf spot, *Cephaleuros virescens*

Confirmed: 2

2 - Ash anthracnose, *Plagiostoma fraxinii*

Confirmed: 2

3 - , *Fusicoccum* sp./spp.

Confirmed: 3

4 - Soybean sudden death syndrome, *Fusarium virguliforme*

Confirmed: 4

2 - Botryosphaeria canker; Dieback, *Diplodia mutila*

Confirmed: 1

Suspected: 1

24 - Insect damage, Unidentified Insect

Confirmed: 23

Suspected: 1

2 - Adequate sample, Identification Analysis

Confirmed: 1

Suspected: 1

6 - Arborvitae needle blight, *Phyllosticta thujae*

Confirmed: 6

6 - Purple seed-stain; Leaf blight, *Cercospora kikuchii*

Confirmed: 6

1 - Rust, Unidentified Fungus

Confirmed: 1

7 - Sooty mold, *Capnodium* sp./spp.

Confirmed: 7

3 - Rhizoctonia crown and stem rot, *Rhizoctonia* sp./spp.

Confirmed: 3

1 - Woolly apple aphid, *Eriosoma lanigerum*

Confirmed: 1

1 - Discula anthracnose, *Discula* sp./spp.

Confirmed: 1

32 - Pecan; Hickory scab, *Fusicladium caryigenum*

Confirmed: 29

Suspected: 3

3 - Scab, *Cladosporium* sp./spp.

Confirmed: 3

4 - Ash anthracnose, *Plagiostoma fraxinii*

Confirmed: 4

7 - Southern pine beetle, *Dendroctonus frontalis*

Suspected: 7

2 - Australasian soybean rust, *Phakopsora pachyrhizi*

Confirmed: 1

Not Detected: 1

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

Confirmed: 1

9 - Bacterial blight, *Pseudomonas syringae syringae*

Confirmed: 9

1 - Fusarium root rot, *Fusarium* sp./spp.

Confirmed: 1

7 - Crapemyrtle scale, *Eriococcus lagerstroemiae*

Confirmed: 7

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

Suspected: 1

1 - White rust, *Albugo occidentalis*

Suspected: 1

2 - Littleleaf disease, *Phytophthora cinnamomi*

Suspected: 2

1 - Cercospora leaf spot, *Cercospora moricola*

Confirmed: 1

2 - Rose downy mildew, *Peronospora sparsa*

Confirmed: 1

Suspected: 1

4 - Verticillium wilt, *Verticillium dahliae*

Confirmed: 3

Suspected: 1

1 - American serpentine leafminer, *Liriomyza trifolii*

Confirmed: 1

1 - Potato powdery scab, *Spongospora subterranea*

Suspected: 1

1 - Flatheaded appletree borer, *Chrysobothris femorata*

Suspected: 1

2 - Low pH; Nutrient imbalance, Abiotic disorder

Suspected: 2

6 - Leaf mold; Spot, *Passalora fulva*

Confirmed: 6

4 - Gummy stem blight, *Didymella* sp./spp.

Confirmed: 3

Suspected: 1

1 - White drupelet disorder, Abiotic Disorder

Confirmed: 1

2 - Anthracnose, *Gloeosporium* sp./spp.

Confirmed: 2

6 - Jumping oak gall wasp, *Neuroterus saltatorius*

Confirmed: 6

5 - Brown rot, *Monilia* sp./spp.

Confirmed: 5

8 - Anthracnose, *Colletotrichum fragariae*

Confirmed: 7

Suspected: 1

1 - Clearwing borers, Family Sesiidae

Suspected: 1

1 - Trunk rot, *Laetiporus sulphureus*

Suspected: 1

3 - Cryptocline leaf spot, *Cryptocline betularum*

Confirmed: 3

2 - Wet rot; Fruit rot, *Choanephora cucurbitarum*

Confirmed: 2

1 - Almond perennial bacterial canker, *Pseudomonas amygdali* (Bacterial)

Confirmed: 1

1 - Peppervine, *Ampelopsis arborea*

Confirmed: 1

2 - Anthracnose leaf blight, *Colletotrichum graminicola*

Confirmed: 2

1 - Twig blight, *Diaporthe* sp./spp.

Confirmed: 1

2 - Bagworm, *Thyridopteryx ephemeraeformis*

Confirmed: 2

1 - Cytospora canker, *Cytospora kunzei*

Suspected: 1

1 - Willow leaf blight; Scab, *Venturia saliciperda*

Confirmed: 1

25 - Excessive water, Abiotic disorder



Confirmed: 4

Suspected: 21

16 - Septoria leaf blight, *Septoria lycopersici*

Confirmed: 15

Suspected: 1

3 - Lesser canna leafroller, *Geshna cannalis*

Confirmed: 3

15 - Boxwood Volutella blight; Canker, *Volutella buxi*

Confirmed: 14

Suspected: 1

1 - Persimmon anthracnose, *Pseudocercospora fuliginosa*

Confirmed: 1

4 - Blossom end rot, Abiotic disorder

Confirmed: 3

Suspected: 1

1 - False oleander scale, *Pseudaulacaspis cockerelli*

Suspected: 1

3 - *Alternaria* leaf blight, *Alternaria* sp./spp.

Confirmed: 3

3 - Magnesium deficiency, Abiotic disorder

Confirmed: 1

Suspected: 2

1 - Cereal scab, *Fusarium graminearum*

Suspected: 1

5 - Cedar-apple rust, *Gymnosporangium juniperi-virginianae*

Confirmed: 5

1 - Bark damage, Abiotic Disorder

Confirmed: 1

9 - Target spot, *Corynespora cassiicola*

Confirmed: 9

6 - Tea scale, *Fiorinia theae*

Confirmed: 6

1 - Tatters, Abiotic disorder

Confirmed: 1

40 - Bacterial canker, *Clavibacter michiganensis michiganensis*

Confirmed: 34

Suspected: 6

19 - Cucurbit angular leaf spot, *Pseudomonas syringae* pv. *lachrymans*

Confirmed: 18

Suspected: 1

2 - Bacterial wilt, *Ralstonia solanacearum*

Confirmed: 2

1 - Soybean anthracnose, *Colletotrichum destructivum*

Confirmed: 1

13 - Bacterial leaf spot, *Pseudomonas* sp./spp.

Confirmed: 13

2 - Bermudagrass mite, *Eriophyes cynodoniensis*

Confirmed: 2

1 - Dog stinkhorn, *Mutinus caninus*

Confirmed: 1

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

Confirmed: 8

Suspected: 2

10 - Fusarium wilt, *Fusarium oxysporum*

Confirmed: 9

Suspected: 1

4 - Bacterial stem rot, *Erwinia carotovora carotovora*

Confirmed: 4

2 - Grape Phylloxera, *Daktulosphaira vitifoliae*

Confirmed: 2

7 - Phytophthora stem rot, *Phytophthora nicotianae* var. *parasitica*

Confirmed: 7

1 - , *Pectobacterium carotovorum*

Confirmed: 1

10 - Herbicide drift, Abiotic disorder

Confirmed: 1

Suspected: 9

5 - Roseslug, *Endelomyia aethiops*

Confirmed: 5

2 - Lichens, Lichenes

Confirmed: 1

Suspected: 1

7 - Cucumber mosaic (CMV), *Cucumovirus* Cucumber Mosaic Virus

Confirmed: 7

1 - Anthracnose, *Discula fraxinea*

Suspected: 1

3 - Soybean stem borer, *Dectes texanus*

Confirmed: 3

2 - Southern root-knot nematode, *Meloidogyne incognita*

Confirmed: 2

6 - Sunscald, Abiotic disorder

Suspected: 6

1 - Black knot, *Apiosporina morbosa*

Confirmed: 1

8 - Stink bugs, Family Pentatomidae

Confirmed: 7

Suspected: 1

1 - , *Pyricularia grisea*

Confirmed: 1

1 - Deer damage, Abiotic disorder

Confirmed: 1

2 - Phoma leaf spot, *Phoma* sp./spp.

Confirmed: 2

2 - Soybean bacterial blight, *Pseudomonas syringae* pv. *glycinea*

Confirmed: 2

1 - Iris leaf spot, *Cladosporium iridis*

Confirmed: 1

1 - , *Ophiognomonina leptostyla*

Confirmed: 1

12 - Seiridium canker, *Seiridium unicorne*

Confirmed: 11

Suspected: 1

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

Confirmed: 1

7 - Crown rot; Root rot; Stem rot, *Phytophthora* sp./spp.

Confirmed: 6

Suspected: 1

1 - Drainage problem, Abiotic disorder

Suspected: 1

1 - Purple spot, *Stemphylium vesicarium*

Confirmed: 1

1 - Leaf mold, *Passalora fulva*

Confirmed: 1

1 - Lettuce; Cucurbits soft rot, *Pseudomonas marginalis*

Confirmed: 1

1 - Brown spot; Needle blight, *Mycosphaerella dearnessii*

Confirmed: 1

1 - , *Erwinia* sp./spp.

Confirmed: 1

1 - Cladosporium mold, *Cladosporium* sp./spp.

Confirmed: 1

8 - Plum Curculio, *Conotrachelus nenuphar*

Confirmed: 8

2 - Kabatina twig blight, *Kabatina thujae*

Confirmed: 2

3 - Twig girdler, *Oncideres cingulata*

Confirmed: 3

1 - Brown stripe, *Scolecotrichum graminis*

Confirmed: 1

14 - Entomosporium leaf spot, *Entomosporium* sp./spp.

Confirmed: 14

1 - Root and hypocotyl rot, *Acremonium* sp./spp.

Confirmed: 1

3 - Cucurbit bacterial wilt, *Erwinia tracheiphila*

Confirmed: 3

2 - Leaf spot, *Passalora rosicola*

Confirmed: 2

1 - , *Pseudomonas* sp./spp.

Confirmed: 1

1 - Squash vine borer, *Melittia cucurbitae*

Confirmed: 1

2 - Fusarium canker, *Fusarium* sp./spp.

Confirmed: 2

96 - Pythium blight; Cottony blight, *Pythium* sp./spp.

Confirmed: 95

Suspected: 1

1 - , *Botrytis paeoniae*

Confirmed: 1

1 - Iris borer, *Macronoctua onusta*

Confirmed: 1

13 - Hypoxylon canker, *Biscogniauxia atropunctata*

Confirmed: 5

Suspected: 8

4 - Bacterial gall, *Pseudomonas savastanoi*

Confirmed: 3



Suspected: 1

4 - Bacterial canker, *Pseudomonas syringae*

Confirmed: 4

1 - Phosphorus deficiency, Abiotic disorder

Suspected: 1

5 - Anthracnose, *Colletotrichum gloeosporioides*

Confirmed: 5

2 - Spur; Cane blight, *Didymella applanata*

Confirmed: 2

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

Confirmed: 10

1 - Anthracnose, *Piggotia coryli*

Confirmed: 1

1 - *Curvularia* blight; Leaf spot, *Curvularia* sp./spp.

Confirmed: 1

2 - Aster rust; Pine needle rust, *Coleosporium asterum*

Confirmed: 2

1 - Squash bug, *Anasa tristis*

Confirmed: 1

9 - Canker; Stem blight; Dieback, *Botryosphaeria dothidea*

Confirmed: 7

Suspected: 2

2 - Powdery mildew, *Podosphaera fusca*

Confirmed: 2

2 - Root rot, *Ganoderma* sp./spp.

Confirmed: 1

Suspected: 1

1 - Clematis wilt; Clematis blight; Leaf spot, *Phoma clematidina*

Confirmed: 1

1 - Root-knot nematodes, Family Heteroderidae

Confirmed: 1

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

Confirmed: 3

4 - Bacterial wetwood; Slime flux, Various Pathogens

Confirmed: 1

Suspected: 3

2 - Bacterial leaf spot, *Pseudomonas cichorii*

Confirmed: 1

Suspected: 1

39 - , Abiotic disorder

Confirmed: 7

Suspected: 32

2 - Bacterial blight, Unidentified Bacteria

Confirmed: 2

7 - Maple leaf spot, *Phyllosticta minima*

Confirmed: 5

Suspected: 2

11 - Dogwood powdery mildew, *Erysiphe pulchra*

Confirmed: 11

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

Confirmed: 2

38 - Chemical injury, Abiotic disorder

Confirmed: 1

Suspected: 37

3 - Purple camellia mite, *Calacarus carinatus*

Confirmed: 3

2 - Powdery mildew, *Sphaerotheca* sp./spp.

Confirmed: 2

1 - Cane blight; Canker, *Kalmusia coniothyrium*

Confirmed: 1

1 - Maple bladdergall mite, *Vasates quadripedes*

Confirmed: 1

1 - Herbicide carryover, Abiotic disorder

Suspected: 1

37 - Spring dead spot, *Ophiosphaerella* sp./spp.

Confirmed: 36

Suspected: 1

7 - Kabatina tip blight; Needle blight, *Kabatina juniperi*

Confirmed: 6

Suspected: 1

1 - Scale insect, *Pulvinaria* sp./spp.

Confirmed: 1

2 - Diplocarpon leaf scorch, *Diplocarpon* sp./spp.

Confirmed: 2

1 - Hessian fly, *Mayetiola destructor*

Confirmed: 1

5 - , No Pathogen Found

Confirmed: 4

Not Detected: 1

1 - Leaf spot, *Thedonia ligustrina*

Confirmed: 1

1 - Garlic Botrytis rot, *Botrytis porri*

Confirmed: 1

6 - Soybean frog-eye leaf spot, *Cercospora sojina*

Confirmed: 6

5 - Oak wilt, *Ceratocystis fagacearum*

Confirmed: 1

Suspected: 4

1 - Pecan bunch disease, *Phytoplasma* sp./spp. 16SrIII

Suspected: 1

6 - Stem canker, *Colletotrichum theobromicola*

Confirmed: 6

1 - Phytophthora root/ stem/ crown rot, *Phytophthora capsici*

Confirmed: 1

1 - Filamentous green algae, *Spirogyra*; *Oedogonium*; *Cladophora* sp./spp.

Confirmed: 1

2 - Bacterial spot, *Xanthomonas cucurbitae* (*campestris*) (*pv. cucurbitae*)

Confirmed: 2

2 - *Cylindrocladium* leaf spot, *Calonectria* sp./spp.

Confirmed: 2

34 - Fire blight, *Erwinia amylovora*

Confirmed: 33

Suspected: 1

2 - *Lophodermium* leaf spot; Needle cast, *Lophodermium* sp./spp.

Confirmed: 2

8 - Pecan Phylloxera, *Phylloxera devastatrix*

Confirmed: 8

2 - Insufficient rootball, Abiotic disorder

Confirmed: 2

1 - Verbena leafminer, *Agromyza artemisiae*

Confirmed: 1

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

Confirmed: 2

2 - *Cercospora* leaf spot, *Cercospora citrullina*

Confirmed: 2

41 - *Verticillium* wilt, *Verticillium* sp./spp.

Confirmed: 22

Suspected: 19

2 - Spot anthracnose, *Elsinoe rosarum*

Confirmed: 2

1 - Poplar-and-willow borer, *Cryptorhynchus lapathi*

Suspected: 1

3 - Broad mite, *Polyphagotarsonemus latus*

Confirmed: 3

1 - Southern stem rot, *Sclerotium rolfsii*

Confirmed: 1

1 - Oak powdery mildew, *Erysiphe alphitoides* var. *alphitoides*

Confirmed: 1

1 - Hail damage, Abiotic disorder

Suspected: 1

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

Confirmed: 1

1 - Leaf spot, *Phyllosticta concentrica*

Confirmed: 1

1 - Bird damage, Abiotic disorder

Suspected: 1

1 - Gall wasps, Family Cynipidae

Confirmed: 1

1 - , Stigmina sp./spp.

Confirmed: 1

1 - , Armillaria sp./spp.

Confirmed: 1

1 - Phomopsis canker and twig blight, Diaporthe vaccinii

Confirmed: 1

2 - Tulip fire; Blight, Botrytis tulipae

Confirmed: 2

6 - Apple scab, Venturia inaequalis

Confirmed: 5

Suspected: 1

1 - Monarch OE Disease, Ophryocystis elektroscirrha

Confirmed: 1

2 - Nostoc, Nostoc sp./spp.

Confirmed: 2

1 - Wax scale, Ceroplastes sp./spp.



Confirmed: 1

1 - Powdery mildew, *Microsphaera* sp./spp.

Confirmed: 1

2 - Rust, *Puccinia cynodontis*

Confirmed: 2

2 - Powdery mildew, *Erysiphe polygoni*

Confirmed: 2

1 - Jelly fungus, *Tremella* sp./spp.

Confirmed: 1

1 - Cottony cushion scale, *Icerya purchasi*

Confirmed: 1

1 - Euonymus powdery mildew, *Erysiphe euonymi-japonici*

Confirmed: 1

1 - Eastern white pine bark beetle, *Pityogenes hopkinsi*

Confirmed: 1

6 - Black spot (Rose), *Diplocarpon rosae*

Confirmed: 6

1 - Holly scale, *Dynaspidiotus britannicus*

Confirmed: 1

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

Confirmed: 1

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

Confirmed: 8

1 - , *Septoria azalea*

Confirmed: 1

6 - Bacterial leaf spot, *Xanthomonas campestris* pv. *maculifoliigard*

Confirmed: 6

4 - Downy mildew, *Peronospora belbahrii*

Confirmed: 4

2 - , *Cercospora rubi*

Confirmed: 2

1 - Buckeye Blotch, *Guignardia aesculi*

Confirmed: 1

1 - Tar spot, *Phacidium* sp./spp.

Confirmed: 1

4 - Peach leaf curl, *Taphrina deformans*

Confirmed: 4

1 - Yew leaf; Twig blight, *Dothiora taxicola*

Confirmed: 1

1 - , Family Eriophyidae

Confirmed: 1

1 - Sycamore anthracnose, *Apiognomonia veneta*

Confirmed: 1

9 - Bacterial leaf scorch, *Xylella fastidiosa*

Confirmed: 7

Suspected: 2

3 - Azalea bark scale, *Eriococcus azaleae*

Confirmed: 3

1 - Fusarium canker; Dieback; Wilt, *Fusarium lateritium*

Confirmed: 1

11 - *Fabraea* leaf and fruit spot, *Diplocarpon mespili*

Confirmed: 9

Suspected: 2

1 - Woolly aphids, Family Aphididae; Adelgidae

Confirmed: 1

1 - *Septoria* leaf spot, *Zymoseptoria tritici*

Confirmed: 1

2 - American plum borer, *Euzophera semifuneralis*

Suspected: 2

3 - Boxwood Macrophoma leaf spot, *Dothiorella candollei*

Confirmed: 3

1 - Sour skin, *Burkholderia cepacia*

Confirmed: 1

4 - May beetles, Family Scarabaeidae

Confirmed: 4

1 - Soybean Taproot Decline, *Xylaria arbuscula*

Confirmed: 1

1 - Bacterial leaf streak, *Xanthomonas* sp./spp.

Confirmed: 1

3 - Botrytis fruit rot, *Botrytis* sp./spp.

Confirmed: 3

1 - Alternaria leaf blight and spot, *Alternaria cucumerina*

Confirmed: 1

1 - Wood rot fungus, *Inonotus* sp./spp.

Suspected: 1

1 - Pine sawflies, Family Diprionidae

Confirmed: 1

146 - Herbicide injury; Exposure, Abiotic disorder

Confirmed: 19

Suspected: 127

1 - Grape rust, *Phakopsora ampelopsidis*

Suspected: 1

2 - Septoria leaf spot, *Septoria* sp./spp.

Confirmed: 2