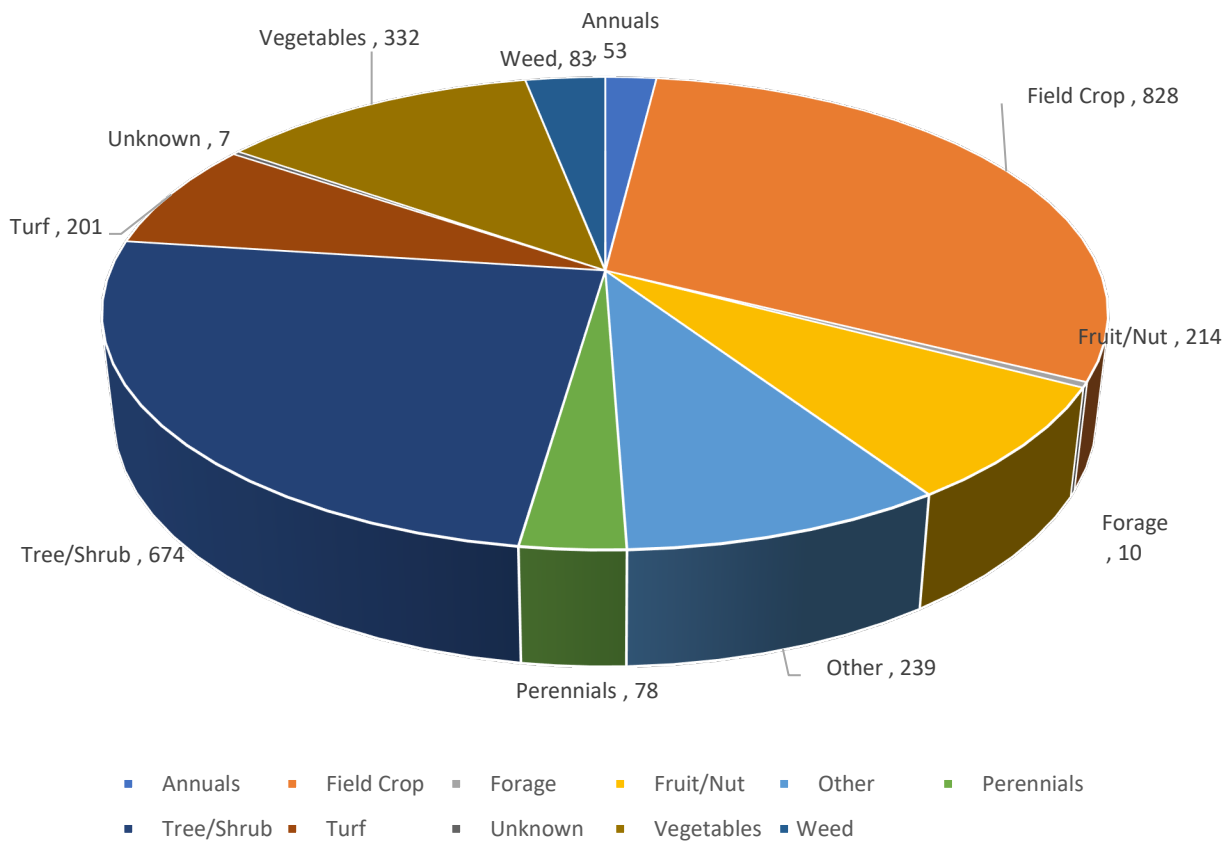


Plant Health Clinic 2008 Summary Report

The plant Health Clinic received 2719 plant samples in 2008. Numbers were up 17% over 2006, but fewer samples than 2007. Sample numbers in 2007 were inflated by 981 hosta samples from one nursery requesting virus testing. The largest number of samples in 2008 was ornamentals (33%), followed by field crops (30%), vegetables (12%), and fruit/nut (8%). Training started December 2007 to familiarize county agents, specialists, and secretaries with DDDI, the Clinic's new data entry system.

Plant Health Clinic Samples January 1, 2008-January 1, 2009



Plant Health Samples by Commodity	Number of Samples
Annuals	53
Field Crop	828
Forage	10
Fruit/Nut	214
Other	239
Perennials	78
Tree/Shrub	674
Turf	201
Unknown	7
Vegetables	332
Weed	83
Total	2719

District	Plant Health Samples Submitted
Out of State	28
Delta	1777
Ouachita	551
Ozark	363
Total	2719

Month	Plant Health Samples Submitted
January	29
Week 1	7
Week 2	13
Week 3	2
Week 4	5
Week 5	2
February	33
Week 5	1
Week 6	9
Week 7	10
Week 8	3
Week 9	10
March	48
Week 10	3
Week 11	7

Week 12	15
Week 13	18
Week 14	5
April	164
Week 14	21
Week 15	39
Week 16	33
Week 17	37
Week 18	34
May	244
Week 18	8
Week 19	38
Week 20	53
Week 21	82
Week 22	63
June	492
Week 23	92
Week 24	116
Week 25	102
Week 26	134
Week 27	48
July	536
Week 27	122
Week 28	131
Week 29	102
Week 30	105
Week 31	76
August	465
Week 31	11
Week 32	121
Week 33	99
Week 34	90
Week 35	144
September	407
Week 36	49
Week 37	143
Week 38	118
Week 39	68
Week 40	29
October	222
Week 40	18
Week 41	94
Week 42	29

Week 43	55
Week 44	26
November	53
Week 45	31
Week 46	5
Week 47	13
Week 48	4
December	26
Week 49	13
Week 50	12
Week 51	1

Plant Health Total 2719

County	Plant Health Submitted	County	Plant Health Submitted
Arkansas	89	Ashley	7
Baxter	58	Boone	12
Bradley	10	Calhoun	4
Chicot	16	Clark	58
Clay	28	Cleburne	8
Columbia	24	Conway	8
Craighead	176	Crawford	17
Crittenden	23	Cross	37
Dallas	1	Desha	49
Drew	274	Faulkner	69
Franklin	14	Fulton	6
Garland	64	Grant	1
Greene	71	Hempstead	13
Hot Spring	41	Howard	23
Independence	5	Izard	15
Jackson	68	Jefferson	145
Lafayette	19	Lawrence	47
Lee	53	Lincoln	14
Little River	14	Logan	28
Lonoke	181	Miller	11
Mississippi	34	Monroe	16
Montgomery	1	NA	1
Nevada	17	Newton	5
Ouachita	13	Out of State	27
Perry	8	Phillips	45
Pike	1	Poinsett	64
Polk	10	Pope	10
Prairie	65	Pulaski	154
Randolph	15	Saline	34

County	Plant Health Submitted	County	Plant Health Submitted
Searcy	5	Sebastian	14
Sevier	4	St. Francis	48
Stone	15	Union	26
Van Buren	1	Washington	67
White	161	Woodruff	51
Yell	6		
Plant Health Total			2719

5 - Juniper scale, *Carulaspis juniperi*
Confirmed: 5

5 - Bacterial leaf spot, *Xanthomonas campestris campestris*
Confirmed: 2
Suspected: 3

1 - Blast and bacterial fruit spot, *Pseudomonas syringae*
Confirmed: 1

1 - Cucurbit Powdery Mildew, *Podosphaera (Sphaerotheca) xanthii (fuliginea)*
Confirmed: 1

9 - Nutrient Deficiency,
Confirmed: 4
Suspected: 5

1 - Cryptomeria Leaf Spot, *Cercospora cryptomeriicola*
Confirmed: 1

4 - Helminthosporium Leaf Spot, *Cochliobolus (Bipolaris) cynodontis*
Confirmed: 4

1 - Black rot, *Xanthomonas campestris*
Confirmed: 1

1 - Gummosis, *Botryosphaeria dothidea*
Suspected: 1

2 - Wood Rot Fungus, *Perenniporia robiniophila*

Suspected: 2

1 - Leaf Spot, Pestalotia (Pestalotiopsis) sp./spp.
Confirmed: 1

6 - Pestalotia Twig Dieback, Pestalotia funerea
Confirmed: 6

3 - Impatiens necrotic spot, Tospovirus Impatiens necrotic spot virus (INSV)
Confirmed: 2
Suspected: 1

23 - Glyphosate injury, Abiotic disorder
Confirmed: 11
Suspected: 12

1 - Bacterial soft rot, Erwinia carotovora carotovora
Confirmed: 1

1 - Scab, Fusarium sp./spp.
Confirmed: 1

1 - Unidentified bacterium,
Confirmed: 1

1 - Sheath Rot, Sarocladium oryzae
Confirmed: 1

1 - Phytophthora blight, Phytophthora cinnamomi
Confirmed: 1

3 - Anthracnose, Elsinoe veneta
Confirmed: 3

2 - Dieback; Canker, Nectria sp./spp.
Confirmed: 2

4 - Anthracnose, Colletotrichum graminicola
Confirmed: 4

5 - Phomopsis Dieback, Phomopsis sp./spp.
Confirmed: 5

2 - Bean Angular Leaf Spot, *Phaeoisariopsis (Isariopsis) griseola*
Confirmed: 1
Suspected: 1

1 - Gouty vein gall midge, *Dasineura communis*
Confirmed: 1

6 - Bacterial Leaf Scorch, *Xylella fastidiosa*
Not Detected: 1
Suspected: 5

1 - Soybean Pod and Stem Blight, *Diaporthe phaseolorum*
Confirmed: 1

3 - Potassium deficiency, Abiotic disorder
Confirmed: 1
Suspected: 2

2 - Powdery mildew, *Oidium sp./spp.*
Confirmed: 2

2 - Frost; Cold Damage, Abiotic disorder
Confirmed: 1
Suspected: 1

4 - Apple scab, *Venturia (Spilocaea) inaequalis (pomi)*
Confirmed: 4

2 - Stem Blight, *Botryosphaeria dothidea*
Confirmed: 2

1 - Root Rot, Unidentified Agent
Suspected: 1

1 - Wool sower gall wasp, *Callirhytis seminator*
Confirmed: 1

1 - Raspberry crown borer, *Pennisetia marginata*
Confirmed: 1

5 - Phytoplasma Disease, *Phytoplasma*
Not Detected: 5

- 3 - Tomato bacterial speck, *Pseudomonas tomato*
Confirmed: 3

- 1 - Leaf Spot, Physiological Disorder
Confirmed: 1

- 10 - Phytophthora canker, *Phytophthora* sp./spp.
Confirmed: 7
Not Detected: 1
Suspected: 2

- 1 - Planting too deep, Abiotic disorder
Confirmed: 1

- 2 - Northern Corn Leaf Blight, *Exserohilum turcicum*
Confirmed: 2

- 29 - Tomato Spotted Wilt, Tomato Spotted Wilt Virus (TSWV)
Confirmed: 29

- 1 - Growth Cracking, Abiotic pathology
Confirmed: 1

- 1 - Alternaria Blight, *Alternaria* sp./spp.
Confirmed: 1

- 2 - Dogwood leaf spot, *Septoria cornicola*
Confirmed: 2

- 3 - Crown and Root Rot, Pathogen complex
Confirmed: 1
Suspected: 2

- 2 - Mealybugs, Family Pseudococcidae
Confirmed: 2

- 1 - Leaf spot, *Tubakia dryina*
Confirmed: 1

- 2 - Lichenized algal leaf spot, *Strigula* sp./spp.
Suspected: 2

- 1 - Ergot, *Claviceps* sp./spp.

Suspected: 1

2 - Rice Bacterial Blight, *Xanthomonas oryzae*

Confirmed: 1

Suspected: 1

2 - Wheat spindle streak mosaic, Wheat Spindle Streak Mosaic Virus (WSSMV)

Confirmed: 1

Suspected: 1

4 - Gray Leaf Spot, *Magnaporthe* (ana. *Pyricularia*) *grisea*

Confirmed: 3

Suspected: 1

1 - Tomato Septoria Leaf Spot, *Septoria lycopersici*

Suspected: 1

1 - Rose Black Mold, *Chalaropsis thielavioides*

Confirmed: 1

4 - Southern wilt, *Ralstonia solanacearum*

Confirmed: 3

Not Detected: 1

2 - Poor pollination, Abiotic disorder

Confirmed: 2

1 - Septoria Leaf and Cane Spot, *Mycosphaerella rubi*

Confirmed: 1

1 - Maple disease, *Acrospeira mirabilis*

Confirmed: 1

6 - Virus Symptoms, Unspecified Virus

Confirmed: 1

Suspected: 5

1 - Tomato Phoma Rot, *Phoma destructiva*

Confirmed: 1

3 - Wheat Downy Mildew, *Sclerophthora macrospora*

Confirmed: 3

- 1 - Brown scale encyrtid, *Microterys nietneri*
Confirmed: 1

- 3 - Dieback; Canker, *Seiridium* sp./spp.
Confirmed: 2
Suspected: 1

- 1 - Gouty oak gall wasp, *Callirhytis quercus*
Confirmed: 1

- 1 - Needle and Dagger Nematodes, Family Longidoridae
Suspected: 1

- 1 - Red Crown Rot, *Cylindrocladium crotalariae*
Confirmed: 1

- 1 - Phototoxicity, Abiotic disorder
Suspected: 1

- 3 - Fluoride toxicity, Abiotic disorder
Confirmed: 1
Suspected: 2

- 2 - Drought stress damage, Abiotic disorder
Confirmed: 1
Suspected: 1

- 1 - Peach Scab, *Venturia (Cladosporium) carpophila*
Confirmed: 1

- 6 - Grape Black Rot, *Guignardia (Phyllosticta) bidwellii (ampellicida)*
Confirmed: 6

- 1 - *Aphanomyces* root rot, *Aphanomyces euteiches*
Confirmed: 1

- 29 - Insect Damage, Abiotic disorder
Confirmed: 28
Suspected: 1

- 2 - Lesion nematodes, Family Pratylenchidae
Confirmed: 2

- 1 - Taxus mealybug, *Dysmicoccus wistariae*
Confirmed: 1

- 2 - Pomideae-juniper Rust; Quince Rust, *Gymnosporangium clavipes*
Confirmed: 2

- 1 - Gall, Unidentified agent
Suspected: 1

- 1 - Erwinia slime flux, *Erwinia* sp./spp.
Suspected: 1

- 1 - Eutypella Canker and Dieback, *Eutypella parasitica*
Confirmed: 1

- 1 - 2-4-d Injury, Abiotic disorder
Suspected: 1

- 1 - Maple Anthracnose, *Gloeosporium apocryptum*
Confirmed: 1

- 4 - Sooty Mold, Various fungi
Confirmed: 4

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

- 1 - red wax scale, Coccidae *Ceroplastes rubens*
Confirmed: 1

- 8 - Botrytis blight, *Botrytis* sp./spp.
Confirmed: 8

- 1 - *Mycosphaerella* leaf spot, *Mycosphaerella* sp./spp.
Confirmed: 1

- 1 - Fusarium yellows, *Fusarium oxysporum*
Confirmed: 1

- 2 - Hypoxylon Canker, *Entoleuca (Hypoxylon) mammata (blakei)*
Confirmed: 1
Suspected: 1

- 2 - Winter injury, Abiotic disorder
Confirmed: 2

- 6 - Cercospora leaf spot, *Cercospora* sp./spp.
Confirmed: 4
Suspected: 2

- 18 - Charcoal rot, *Macrophomina phaseolina*
Confirmed: 18

- 1 - Yellow-bellied sapsucker, *Sphyrapicus varius*
Confirmed: 1

- 3 - Whiteflies, Family Aleyrodidae
Confirmed: 3

- 11 - Rhizoctonia root rot, *Rhizoctonia* sp./spp.
Confirmed: 11

- 1 - Leaf and Flower Gall, *Exobasidium azaleae*
Confirmed: 1

- 2 - Magnaporthe Summer Patch, *Magnaporthe poae*
Confirmed: 2

- 3 - Rhizoctonia damping off, *Rhizoctonia* sp./spp.
Confirmed: 3

- 2 - Crazy top downy mildew, *Sclerophthora macrospora*
Confirmed: 2

- 2 - Soybean downy mildew, *Peronospora manshurica*
Confirmed: 2

- 1 - Leaf Spot, *Phyllosticta* sp./spp.
Not Detected: 1

- 6 - Bacterial leaf spot, *Xanthomonas campestris pruni*
Confirmed: 6

- 1 - Bacterial leaf spot, *Xanthomonas* sp./spp.
Confirmed: 1

- 2 - Brown Spot, *Mycosphaerella* (dothistroma)
Confirmed: 2
- 4 - Corn (Common) smut, *Ustilago maydis*
Confirmed: 4
- 1 - Physiological drought, Abiotic disorder
Suspected: 1
- 1 - Leaf spot, *Stigmina maculata*
Confirmed: 1
- 4 - Tobacco Mosaic, Tobacco Mosaic Virus (TMV)
Confirmed: 3
Suspected: 1
- 2 - Bermudagrass scale, *Odonaspis ruthae*
Confirmed: 2
- 2 - Sycamore Anthracnose, *Gnomonia platani*
Confirmed: 2
- 4 - Rhizosphaera needle cast, *Rhizosphaera* sp./spp.
Confirmed: 3
Suspected: 1
- 4 - Chemical; Environmental injury, Abiotic disorder
Suspected: 4
- 16 - Mites, Order Acari
Confirmed: 15
Suspected: 1
- 2 - Phytophthora Blight, *Phytophthora nicotianae*
Confirmed: 2
- 1 - Root rot, *Thielaviopsis* sp./spp.
Suspected: 1
- 3 - Dollar Spot, *Lanzia* sp./spp.
Confirmed: 3
- 2 - Bacterial leaf spot, *Pseudomonas syringae*

Confirmed: 1
Suspected: 1

6 - Oedema; Edema, Abiotic disorder
Confirmed: 6

1 - Tortoise beetle, *Charidotella* sp./spp.
Confirmed: 1

1 - Iron; Manganese deficiency, Abiotic disorder
Suspected: 1

1 - Cerambycid beetle, *Oberea* sp./spp.
Confirmed: 1

1 - Azalea leaf scorch, *Septoria azalea*
Confirmed: 1

4 - Common corn rust, *Puccinia sorghi*
Confirmed: 4

2 - Azalea anthracnose, *Colletotrichum azaleae*
Confirmed: 2

4 - Stonefruit bacterial spot, *Xanthomonas campestris* pv. *pruni*
Confirmed: 4

2 - Boxwood Canker, *Volutella buxi*
Confirmed: 2

3 - Soybean Root; Stem Rot, *Phytophthora megasperma*
Confirmed: 2
Not Detected: 1

1 - Leaf Blotch, *Guignardia (Phyllosticta) aesculi (aesculicola)*
Suspected: 1

2 - Daylily leaf streak, *Collecephalus hemerocallidis*
Confirmed: 2

1 - Bristly roseslug, *Cladius difformis*
Suspected: 1

- 5 - Cucumber Scab; Gummosis, *Cladosporium cucumerinum*
Confirmed: 5

- 1 - Botrytis Leaf; Stem Blight, *Botryotinia (Botrytis) fuckeliana (cinerea)*
Confirmed: 1

- 2 - Botrytis damping off, *Botrytis sp./spp.*
Confirmed: 2

- 1 - Undetermined Injury or Pest, Identification Analysis
Confirmed: 1

- 1 - Chlorine toxicity, Abiotic disorder
Suspected: 1

- 2 - Black Kernel, *Cochliobolus lunatus*
Confirmed: 2

- 1 - Oak lace bug, *Corythucha arcuata*
Suspected: 1

- 9 - Natural senescence, Abiotic disorder
Confirmed: 3
Suspected: 6

- 1 - Willow Canker, *Cryptodiaporthe salicina*
Confirmed: 1

- 1 - Phoma Blight, *Phoma exigua*
Confirmed: 1

- 5 - Crown gall, *Agrobacterium tumefaciens*
Confirmed: 2
Suspected: 3

- 1 - Camellia petal; Flower blight, *Ciborinia camelliae*
Confirmed: 1

- 5 - Thrips, Order Thysanoptera
Confirmed: 4
Suspected: 1

- 2 - Entomosporium Leaf Spot, *Diplocarpon (Entomosporium) mespili (maculatum)*

Confirmed: 2

1 - Crown Rot, *Phytophthora capsici*

Confirmed: 1

3 - Poinsettia Mosaic, Poinsettia Mosaic Virus (PNMVA)

Confirmed: 2

Suspected: 1

8 - Rust, *Puccinia zoysiae*

Confirmed: 7

Suspected: 1

3 - Cypress canker, *Seiridium cardinale*

Confirmed: 1

Suspected: 2

1 - Oak wax scale, *Cerococcus quercus*

Confirmed: 1

1 - Common thrips, *Frankliniella schultzei*

Confirmed: 1

7 - Rice Blast, *Magnaporthe grisea*

Confirmed: 7

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

Confirmed: 2

1 - Septoria leaf spot, *Septoria pisi*

Confirmed: 1

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

Confirmed: 2

3 - Plum Black Knot, *Dibotryon morbosum*

Confirmed: 3

1 - Pea Foot Rot Blight, *Phoma medicaginis*

Confirmed: 1

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

Confirmed: 2

- 1 - Wood Rot Fungus, Undetermined sp./spp.
Confirmed: 1

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

- 1 - Target Spot, *Cochliobolus* (ana. *Bipolaris*) *sorghicola*
Confirmed: 1

- 2 - Hosta Virus X, Hosta Virus X (HVX)
Confirmed: 2

- 2 - Botrytis Bud and Twig Blight, *Botrytis cinerea*
Confirmed: 2

- 3 - Brown Rot, *Monilinia* sp./spp.
Confirmed: 3

- 2 - Azalea; Blueberry Leaf Gall, *Exobasidium azaleae*
Confirmed: 2

- 5 - Brown patch, *Rhizoctonia* sp./spp.
Confirmed: 5

- 38 - Take-all, *Gaeumannomyces* sp./spp.
Confirmed: 36
Suspected: 2

- 9 - Spider mites, Family Tetranychidae
Confirmed: 8
Suspected: 1

- 1 - Pythium stalk rot, *Pythium aphanidermatum*
Confirmed: 1

- 1 - Euonymus scale, *Unaspis euonymi*
Confirmed: 1

- 4 - Aphids (Plant lice), Family Aphididae
Confirmed: 4

- 4 - Arborvitae leafminer, *Argyresthia thuiella*

Confirmed: 4

5 - Gummy Stem Blight, *Phoma cucurbitacearum*

Confirmed: 5

3 - Cytospora Canker, *Cytospora* sp./spp.

Confirmed: 2

Not Detected: 1

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

Confirmed: 2

1 - Anthracnose, *Sphaceloma* sp./spp.

Confirmed: 1

5 - Canker, *Botryodiplodia* sp./spp.

Confirmed: 4

Suspected: 1

1 - White Spot, *Pseudocercospora capsellae*

Confirmed: 1

1 - European birch aphid, *Euceraphis betulae*

Confirmed: 1

1 - Erineum galls, Family Eriophyidae

Confirmed: 1

17 - Tomato; Pepper Bacterial Spot, *Xanthomonas campestris* pv. *vescatoria*

Confirmed: 16

Suspected: 1

1 - Rice water weevil, *Lissorhoptus oryophilus*

Confirmed: 1

25 - *Phytophthora* Root Rot, *Phytophthora* sp./spp.

Confirmed: 23

Suspected: 2

2 - Mimosa wilt, *Fusarium oxysporum* *perniciosum*

Confirmed: 2

7 - Nutritional deficiency, Abiotic disorder

Suspected: 7

10 - Pecan; Hickory Scab, *Cladosporium caryigenum*

Confirmed: 10

1 - Eutypella canker dieback, *Eutypella parasitica*

Suspected: 1

1 - Oak Black Leaf Spot, *Micropletis grauataensis*

Confirmed: 1

1 - Corn Stalk Rot, *Fusarium tricinctum*

Confirmed: 1

5 - Bipolaris Leaf Spot, *Bipolaris* sp./spp.

Confirmed: 5

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

Confirmed: 1

1 - Apple blight, *Diaporthe mali*

Confirmed: 1

1 - Elm Dothiorella wilt; Canker, *Dothiorella ulmi*

Confirmed: 1

1 - Cercospora Leaf Blight, *Cercospora kikuchii*

Confirmed: 1

2 - Peony Leaf Blotch, *Cladosporium paeoniae*

Confirmed: 2

2 - Unknown virus,

Not Detected: 1

Suspected: 1

14 - Seiridium Canker, *Lepteutypa (Seiridium) cupressi* (unicorn)

Confirmed: 13

Suspected: 1

3 - Oak Strumella Canker, *Strumella coryneoida*

Confirmed: 3

- 1 - Inconclusive Sample, Unspecified causal
Inconclusive: 1

- 1 - Cane and Leaf Rust, *Kuehneola uredinis*
Confirmed: 1

- 15 - Oak leaf blister, *Taphrina caerulescens*
Confirmed: 14
Suspected: 1

- 2 - Tobacco Ringspot, Tobacco Ringspot Virus (TRSV)
Confirmed: 1
Not Detected: 1

- 1 - Wheat bacterial leaf blight, *Pseudomonas syringae* PV. *syringae*
Confirmed: 1

- 2 - Bacterial soft rot, Unidentified Bacterium
Confirmed: 2

- 1 - Oak apple galls, Family Cynipidae
Confirmed: 1

- 6 - Leaf Spot, *Diplocarpon (Entomosporium) mespili*
Confirmed: 6

- 36 - Insufficient Sample, Identification Analysis
Confirmed: 10
Inconclusive: 26

- 7 - Cedar apple rust, *Gymnosporangium juniperi-virginanae*
Confirmed: 7

- 2 - Bacterial stalk rot, *Erwinia* sp./spp.
Confirmed: 2

- 4 - Squash Vine Borer (Svb), *Melittia cucurbitae*
Confirmed: 3
Suspected: 1

- 1 - Anthracnose, *Colletotrichum acutatum*
Confirmed: 1

- 1 - Anthracnose, *Gnomonia caryae*
Confirmed: 1

- 2 - Scorch, Abiotic disorder
Confirmed: 2

- 3 - Canker; Dieback, *Botryosphaeria ribis* var. *chromogena*
Confirmed: 3

- 4 - Oak Anthracnose, *Gnomonia quercina*
Confirmed: 3
Suspected: 1

- 1 - Tomato hornworm, *Manduca quinquemaculata*
Confirmed: 1

- 1 - Root damage, Abiotic disorder
Confirmed: 1

- 1 - Spur Blight, *Didymella applanata*
Confirmed: 1

- 5 - Root Knot Nematodes, *Meloidogyne* sp./spp.
Confirmed: 5

- 2 - Coniothyrium leaf spot, *Coniothyrium* sp./spp.
Confirmed: 2

- 1 - Juniper Twig Blight, *Phomopsis juniperovora*
Confirmed: 1

- 1 - Willow Black Canker, *Glomerella* (*Physalospora*) *miyabeana*
Confirmed: 1

- 2 - sheath blight, Poaceae *Oryza sativa*
Confirmed: 2

- 3 - Soil compaction, Abiotic disorder
Confirmed: 3

- 1 - Peachtree Borer(greater)(gptb), *Synanthedon exitiosa*
Suspected: 1

- 1 - Azalea lace bug, *Stephanitis pyrioides*
Confirmed: 1

- 3 - Black spot (Rose), *Diplocarpon (Marssonina) rosae*
Confirmed: 3

- 1 - Iron deficiency, Abiotic disorder
Confirmed: 1

- 1 - Grape Cane Blight; Leaf Spot, *Cryptosporella (Phomopsis) viticola*
Confirmed: 1

- 1 - Western flower thrips, *Frankliniella occidentalis*
Confirmed: 1

- 1 - Downy mildew, *Plasmopara sp./spp.*
Suspected: 1

- 1 - Reniform Nematodes, *Rotylenchus sp./spp.*
Suspected: 1

- 8 - Soybean bacterial pustule, *Xanthomonas campestris pv. glycines*
Confirmed: 7
Suspected: 1

- 2 - Leaf spot, *Pseudocercospora sp./spp.*
Confirmed: 1
Suspected: 1

- 2 - Soybean Phytophthora Rot, *Phytophthora megasperma*
Confirmed: 2

- 1 - Disonycha flea beetles, *Disonycha sp./spp.*
Confirmed: 1

- 1 - Rose brown canker, *Cryptosporella umbrina*
Confirmed: 1

- 31 - Dogwood anthracnose, *Discula destructiva*
Confirmed: 22
Not Detected: 4
Suspected: 5

- 3 - Bacterial speck, *Pseudomonas syringae* PV. tomato
Confirmed: 3

- 1 - Cynipid gall wasps, *Acraspis* sp./spp.
Confirmed: 1

- 1 - Canker, *Botryosphaeria dothidea*
Confirmed: 1

- 2 - Rice Stem Rot, *Leptosphaeria* (ana. *Sclerotium*) *salvinii* (*oryzae*)
Confirmed: 2

- 1 - Potato Black Stem Rot Var., *Phoma solanicola*
Confirmed: 1

- 5 - Nutritional pathology, Abiotic disorder
Suspected: 5

- 1 - Strawberry Leaf Scorch, *Diplocarpon* (*Marssonina*) *earlianum* (*fragariae*)
Confirmed: 1

- 1 - Manganese toxicity, Abiotic disorder
Suspected: 1

- 13 - Stinkbug, *Thyanta punctiventris*
Confirmed: 6
Suspected: 7

- 3 - Iris Rhizome Rot, *Botryotinia convoluta*
Confirmed: 2
Suspected: 1

- 1 - Leaf Blight, *Myrothecium roridum*
Confirmed: 1

- 1 - Turfgrass Helm. Leaf Spot, *Cochliobolus* (*Bipolaris*) *sorokiniana*
Confirmed: 1

- 1 - Elm Canker, *Diaporthe apiospora*
Confirmed: 1

- 2 - Black scale, *Saissetia oleae*
Confirmed: 2

- 1 - Eutypella Trunk Canker, *Eutypella parasitica*
Suspected: 1

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

- 1 - Fungal leaf spot, *Cercospora hydrangeae*
Confirmed: 1

- 2 - soybean neocosmospora root rot, Nectriaceae neocosmospora vasinfecta
Confirmed: 2

- 1 - Pear-juniper Rust, *Gymnosporangium fuscum*
Confirmed: 1

- 4 - Fusarium Dry Rot, *Fusarium* sp./spp.
Confirmed: 4

- 1 - Black Root Rot, *Thielaviopsis (Chalara) basicola (elegans)*
Confirmed: 1

- 1 - Phyllosticta leaf spot, *Phyllosticta* sp./spp.
Confirmed: 1

- 1 - Phoma Blight, *Phoma* sp./spp.
Confirmed: 1

- 14 - Bacterial Leaf Spot, Uncharacterized bacteria
Confirmed: 13
Suspected: 1

- 2 - Fusarium leaf spot, *Fusarium* sp./spp.
Confirmed: 2

- 1 - Soybean leafminer, *Odontota horni*
Confirmed: 1

- 1 - Bean Root Rot, *Fusarium solani* f. sp. *phaseoli*
Confirmed: 1

- 2 - Euonymus Anthracnose, *Gloeosporium frigidum*
Confirmed: 2

- 1 - Apple aphid, *Aphis pomi*
Confirmed: 1

- 1 - Wood rot fungus, *Phellinus* sp./spp.
Confirmed: 1

- 1 - Horned oak gall wasp, *Callirhytis cornigera*
Confirmed: 1

- 1 - Nigrospora blight, *Nigrospora* sp./spp.
Confirmed: 1

- 1 - Apple Black Rot, *Physalospora* (*Sphaeropsis*) *obtusa* (*malorum*)
Confirmed: 1

- 1 - Dieback; Canker, *Coniothyrium* sp./spp.
Confirmed: 1

- 1 - Puffballs, Multiple genera sp./spp.
Confirmed: 1

- 1 - Striped pine scale, *Toumeyella pini*
Confirmed: 1

- 2 - Soybean Anthracnose, *Glomerella* (*Colletotrichum*) *glycines* (*graminicola*)
Confirmed: 2

- 7 - Additional Sample Requested, Identification Analysis
Confirmed: 3
Inconclusive: 4

- 2 - *Coniothyrium* Leaf Spot, *Coniothyrium concentricum*
Confirmed: 2

- 2 - Armillaria Root Rot, *Armillaria* (*Clitocybe*) *tabescens*
Suspected: 2

- 1 - Pine needle rust, *Coleosporium tussilaginis*
Confirmed: 1

- 1 - Zucchini yellow mosaic, Zucchini Yellow Mosaic Virus (ZYMV)
Suspected: 1

- 1 - Late blight, *Phytophthora infestans*
Confirmed: 1

- 1 - Sorghum midge, *Contarinia sorghicola*
Confirmed: 1

- 2 - *Corynespora* leaf spot, *Corynespora* sp./spp.
Confirmed: 2

- 1 - Rhizoctonia Crown and Root Rot, *Thanatephorus* (*Rhizoctonia*) *cucumeris* (*solani*)
Confirmed: 1

- 3 - Powdery mildew, *Erysiphe* sp./spp.
Confirmed: 3

- 3 - *Phytophthora* fruit rot, *Phytophthora capsici*
Confirmed: 3

- 1 - Crucifer bacterial leaf spot, *Pseudomonas syringae* PV. *maculicola*
Confirmed: 1

- 1 - Needle Cast, *Rhabdocline* sp./spp.
Not Detected: 1

- 3 - Nitrogen deficiency, Abiotic disorder
Suspected: 3

- 1 - *Alternaria* Fruit Rot, *Alternaria* sp./spp.
Confirmed: 1

- 1 - Yellow Shoulder; Water Imbalan, Abiotic disorder
Suspected: 1

- 1 - Zonate leaf spot, *Monochaetia monochaeta*
Confirmed: 1

- 1 - Pecan Shuck Decline, Unknown Agent
Suspected: 1

- 1 - Fern scale, *Pinnaspis aspidistrae*
Confirmed: 1

- 1 - Tomato Fusarium Wilt; Race 3, *Fusarium oxysporum* f. sp. *lycopersici* r3
Not Detected: 1
- 3 - White Leaf Spot; Gray Stem, *Pseudocercospora capsellae*
Confirmed: 3
- 3 - Canker, *Seiridium* sp./spp.
Confirmed: 3
- 13 - Cucumber Mosaic, Cucumber Mosaic Virus (CMV)
Confirmed: 13
- 1 - Onion thrips, *Thrips tabaci*
Confirmed: 1
- 1 - Eriophyid *Aculops* mites, *Aculops* sp./spp.
Confirmed: 1
- 2 - Dieback, *Botryosphaeria* sp./spp.
Confirmed: 2
- 4 - Soybean Sudden Death Syndrome, *Fusarium solani* f. sp. *glycines*
Confirmed: 2
Suspected: 2
- 1 - Anthracnose Canker, *Cryptosporiopsis curvispora*
Confirmed: 1
- 1 - *Pachysandra* Volutella Blight, *Pseudonectria* (ana. *Volutella*) *pachysandricola*
(*pachysandra*)
Confirmed: 1
- 827 - Australasian soybean rust, *Phakopsora pachyrhizi*
Confirmed: 58
Inconclusive: 1
Not Detected: 768
- 1 - Marginal leaf burn, Abiotic disorder
Confirmed: 1
- 17 - Fusarium root rot, *Fusarium* sp./spp.
Confirmed: 13
Suspected: 4

3 - Bacterial blight, *Pseudomonas syringae syringae*
Confirmed: 3

8 - Pythium Blight, *Pythium sp./spp.*
Confirmed: 8

1 - Unidentified insect, Unidentified Insect
Confirmed: 1

1 - Tan Spot, *Pyrenophora tritici-repentis*
Confirmed: 1

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

1 - Lesion nematodes, *Pratylenchus sp./spp.*
Suspected: 1

3 - Sheath Rot, *Rhizoctonia sp./spp.*
Confirmed: 3

1 - Apple Sooty Blotch (Fruit), *Gloeodes pomigena*
Confirmed: 1

5 - Anthracnose, *Gloeosporium sp./spp.*
Confirmed: 4
Suspected: 1

1 - Hollow stalk, *Erwinia sp./spp.*
Suspected: 1

5 - Low pH; Nutrient imbalance, Abiotic disorder
Suspected: 5

1 - Botrytis Leaf Spot, *Botrytis sp./spp.*
Confirmed: 1

1 - *Gloeosporium* leaf spot, *Gloeosporium sp./spp.*
Confirmed: 1

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

Confirmed: 1

1 - High pH; low soluble salt dam., Abiotic disorder

Suspected: 1

4 - Clearwing borers, Family Sesiidae

Confirmed: 2

Inconclusive: 1

Suspected: 1

2 - Common Leaf Spot (Strawberry), *Mycosphaerella fragariae*

Confirmed: 2

1 - Eriophyid mites, Family Eriophyidae

Confirmed: 1

1 - Peach bark beetle, *Phloeotribus liminaris*

Suspected: 1

20 - Scale Insects, Order homoptera

Confirmed: 20

5 - Euonymus Powdery Mildew, *Oidium euonymi-japonici*

Confirmed: 5

7 - Maple Anthracnose, *Aureobasidium (Gloeosporium) apocryptum*

Confirmed: 6

Suspected: 1

3 - Crown Root and Stem Rot, *Phytophthora* sp./spp.

Confirmed: 3

2 - Bagworm, *Thyridopteryx ephemeraeformis*

Confirmed: 2

38 - Environmental stress; Problem, Abiotic disorder

Confirmed: 12

Not Detected: 1

Suspected: 25

1 - Leaf Spot; Shothole, *Coccomyces* sp./spp.

Confirmed: 1

- 1 - Aspergillus Ear /Kernel Rot, *Aspergillus flavus*
Confirmed: 1

- 4 - Excessive water, Abiotic disorder
Confirmed: 1
Suspected: 3

- 1 - Bronze birch borer, *Agrilus anxius*
Suspected: 1

- 1 - Oyster mushroom, *Pleurotus ostreatus*
Confirmed: 1

- 1 - Sorghum Root Rot, *Periconia circinata*
Suspected: 1

- 2 - Strawberry Black Spot Fr.r., *Colletotrichum fragariae*
Confirmed: 2

- 1 - High soluble salt, Abiotic disorder
Suspected: 1

- 1 - European Corn Borer (Ecb), *Ostrinia nubilalis*
Confirmed: 1

- 2 - Dense thatch layer, Abiotic disorder
Confirmed: 2

- 1 - Alternaria leaf blight, *Alternaria sp./spp.*
Confirmed: 1

- 1 - Tatters, Abiotic disorder
Confirmed: 1

- 5 - Cucurbit angular leaf spot, *Pseudomonas syringae* pv. *lachrymans*
Confirmed: 4
Suspected: 1

- 3 - Take All, *Gaeumannomyces graminis avenae*
Confirmed: 3

- 28 - Bacterial canker, *Clavibacter michiganensis michiganensis*
Confirmed: 27

Suspected: 1

1 - Bacterial wilt, *Ralstonia solanacearum*

Confirmed: 1

7 - Lacebug, *Stephanitis* sp./spp.

Confirmed: 7

73 - Large Patch, *Rhizoctonia solani*

Confirmed: 71

Suspected: 2

6 - Cultural/environmental problem, Abiotic disorder

Confirmed: 2

Suspected: 4

1 - Bacterial brown spot, *Pseudomonas syringae* PV. *syringae*

Confirmed: 1

1 - Feeding injury, Undetermined

Confirmed: 1

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

Confirmed: 1

5 - Dogwood borer (DwB), *Synanthedon scitula*

Confirmed: 1

Suspected: 4

6 - Bacterial stem rot, *Erwinia carotovora carotovora*

Confirmed: 6

2 - Poor root development, Abiotic disorder

Suspected: 2

1 - Lichens, Lichenes

Confirmed: 1

42 - Herbicide drift, Abiotic disorder

Confirmed: 7

Not Detected: 1

Suspected: 34

- 1 - Leafhoppers, Family Cicadellidae
Confirmed: 1
- 1 - Colorado potato beetle, *Leptinotarsa decemlineata*
Confirmed: 1
- 1 - Rice leaf smut, *Entyloma oryzae*
Confirmed: 1
- 1 - Cottony Maple Scale, *Pulvinaria innumerabilis*
Confirmed: 1
- 7 - Soybean stem borer, *Dectes texanus*
Confirmed: 7
- 13 - Barley Yellow Dwarf Strain 2, Barley Yellow Dwarf Strain 2 (BYDV-PAV)
Confirmed: 13
- 16 - Abnormal Root Development, Unidentified Agent
Confirmed: 5
Inconclusive: 1
Suspected: 10
- 4 - Soybean Purple Seed-stain, *Cercospora kikuchii*
Confirmed: 3
Suspected: 1
- 2 - Soybean target spot, *Corynespora cassiicola*
Confirmed: 2
- 4 - Gray Mold, *Botrytis cinerea*
Confirmed: 4
- 2 - Sunscald, Abiotic disorder
Suspected: 2
- 1 - Leaf Mold, *Fulvia fulva*
Confirmed: 1
- 1 - Pea bacterial blight, *Pseudomonas syringae* pv. *psis*
Confirmed: 1
- 1 - Artillery fungus, *Sphaerobolus stellatus*

- Confirmed: 1
- 6 - Pythium Root and Stem Rot, Pythium sp./spp.
Confirmed: 6
- 1 - Canker, Botryosphaeria sp./spp.
Confirmed: 1
- 11 - Pythium Root Rot, Pythium sp./spp.
Confirmed: 11
- 1 - Red oak borer, Enaphalodes rufulus
Suspected: 1
- 1 - Choanephora wet rot, Choanephora sp./spp.
Confirmed: 1
- 1 - Phoma leaf spot, Phoma sp./spp.
Confirmed: 1
- 7 - Soybean bacterial blight, Pseudomonas syringae pv. glycinea
Confirmed: 7
- 1 - Pear Stony Pit, Pear Stony Pit Virus = Apple Stem Pittin
Confirmed: 1
- 2 - Water damage, Abiotic disorder
Suspected: 2
- 1 - Woolly apple aphid, Eriosomatidae Eriosoma lanigerum (Hausmann)
Confirmed: 1
- 3 - Squash Mosaic, Squash Mosaic Virus (SQMV)
Confirmed: 3
- 4 - Early Blight, Alternaria solani
Confirmed: 3
Suspected: 1
- 1 - Stemphylium leaf spot, Stemphylium sp./spp.
Confirmed: 1
- 1 - Drainage problem, Abiotic disorder

Confirmed: 1

1 - Walnut caterpillar, *Datana integerrima*

Confirmed: 1

6 - Soybean cyst nematode (SCN), *Heterodera glycines*

Confirmed: 6

11 - Unknown, General

Confirmed: 2

Inconclusive: 7

Not Detected: 2

1 - Pyracantha Scab, *Fusicladium pyracanthae*

Confirmed: 1

7 - Actinopelte Leaf Spot, *Actinopelte dryina*

Confirmed: 7

1 - Black Rot, *Guignardia bidwellii*

Confirmed: 1

1 - Woolly Aphids, Families aphididae(part)

Confirmed: 1

3 - Pitch Canker, *Fusarium* sp./spp.

Suspected: 3

1 - Brown leaf spot, *Sirosporium* (*Cercospora*) *diffusum* (*fusca*)

Confirmed: 1

2 - Juniper needle cast, *Stigmina deflectans*

Confirmed: 2

1 - Kabatina twig blight, *Kabatina thujae*

Confirmed: 1

1 - Lesser cornstalk borer (LCB), *Elasmopalpus lignosellus*

Confirmed: 1

3 - Blueberry Dieback, *Diaporthe* (*Phomopsis*) *vaccinii*

Confirmed: 3

- 1 - Cold injury, Abiotic
Suspected: 1

- 1 - Ash Leaf Spot, *Mycosphaerella fraxinicola*
Confirmed: 1

- 1 - Armored scale, *Quernaspis quercus*
Confirmed: 1

- 2 - Plant Identification, Identification analysis
Confirmed: 1
Not Detected: 1

- 2 - Ivy bacterial leaf spot, *Xanthomonas campestris* pv. *hederae*
Confirmed: 1
Suspected: 1

- 6 - Charcoal rot, *Macrophomina* sp./spp.
Confirmed: 6

- 3 - Cucurbit bacterial wilt, *Erwinia tracheiphila*
Confirmed: 2
Suspected: 1

- 4 - Southern Blight, *Athelia* (*Corticium*) (ana. *Sclerotium*) *rolfsii*
Confirmed: 3
Suspected: 1

- 2 - Dieback; Canker, *Botryosphaeria* sp./spp.
Confirmed: 2

- 1 - White grubs (Scarab beetles), Family Scarabaeidae
Suspected: 1

- 1 - Rice Stackburn Disease, *Alternaria padwickii*
Confirmed: 1

- 2 - Pear Decline, *Candidatus Phytoplasma pyri*
Suspected: 2

- 1 - Phomopsis Tip Blight, *Phomopsis* sp./spp.
Confirmed: 1

- 2 - Plum pockets, *Taphrina communis*
Confirmed: 1
Suspected: 1

- 1 - Phosphorus deficiency, Abiotic disorder
Suspected: 1

- 1 - Azalea flower blight, *Ovulinia azaleae*
Confirmed: 1

- 1 - Magnolia scale, *Neolecanium cornuparvum*
Confirmed: 1

- 1 - Unknown bacterial disease, Unknown Bacterial Disease
Confirmed: 1

- 1 - Damping Off, *Pythium* sp./spp.
Confirmed: 1

- 1 - Flower thrips, *Frankliniella tritici*
Suspected: 1

- 1 - Gray leaf spot, *Stemphylium botryosum*
Confirmed: 1

- 1 - Downy Mildew, *Peronospora sparsa*
Confirmed: 1

- 1 - Bacterial leaf spot, *Pseudomonas cichorii*
Suspected: 1

- 2 - Yew Leaf; Twig Blight, *Dothiora (Sphaerulina) taxicola*
Confirmed: 2

- 4 - Leaf Rust, *Puccinia* sp./spp.
Confirmed: 4

- 2 - Dogwood powdery mildew, *Erysiphe pulchra*
Confirmed: 2

- 7 - Chemical injury, Abiotic disorder
Confirmed: 4
Suspected: 3

5 - Herbicide carryover, Abiotic disorder

Confirmed: 4

Suspected: 1

4 - Dollar Spot, *Sclerotinia (Lanzia and Moellerodiscus) homeocarpa* (spp.)

Confirmed: 4

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

Confirmed: 2

1 - Fig stem canker; Fruit dry rot, *Macrophoma fici*

Confirmed: 1

1 - Bollworm; Corn earworm, *Helicoverpa (Heliothis) zea*

Confirmed: 1

1 - Tipburn, Abiotic disorder

Confirmed: 1

12 - Physiological responses, Abiotic disorder

Confirmed: 7

Not Detected: 1

Suspected: 4

4 - Adequate Sample, Identification Analysis

Confirmed: 2

Inconclusive: 1

Suspected: 1

4 - Wheat Stripe Rust, *Puccinia striiformis*

Confirmed: 4

1 - High soil moisture, Abiotic disorder

Confirmed: 1

6 - Mallow Rust; Hollyhock Rust, *Puccinia malvacearum*

Confirmed: 6

36 - Fire blight, *Erwinia amylovora*

Confirmed: 28

Not Detected: 2

Suspected: 6

- 1 - Cryptomeria scale, *Aspidiotus cryptomeriae*
Confirmed: 1
- 2 - Anthracnose fruit rot, *Colletotrichum acutatum*
Confirmed: 2
- 1 - Ragweed; Giant, *Ambrosia trifida*
Confirmed: 1
- 17 - Dogwood Spot Anthracnose, *Elsinoe corni*
Confirmed: 17
- 1 - American dagger nematode, *Xiphinema americanum*
Suspected: 1
- 1 - Diplodia Ear and Stalk Rot, *Stenocarpella (Diplodia) maydis*
Confirmed: 1
- 1 - Camellia Yellow Mottle, Camellia Yellow Mottle Virus
Inconclusive: 1
- 1 - Turf Summer Patch, *Phialophora graminicola*
Confirmed: 1
- 10 - Canker, Unspecified causal
Confirmed: 4
Suspected: 6
- 5 - Tomato Mosaic, Tobacco Mosaic Virus (TMV)
Confirmed: 5
- 4 - Peach bacterial gummosis, *Pseudomonas syringae*
Confirmed: 3
Suspected: 1
- 3 - Black Knot, *Apiosporina morbosa*
Confirmed: 3
- 8 - Verticillium wilt, *Verticillium sp./spp.*
Confirmed: 1
Suspected: 7

- 1 - Hawthorn Rust, *Gymnosporangium globosum*
Confirmed: 1

- 1 - Anthracnose; Black spot, *Stegophora (Gnomonia) ulmea*
Confirmed: 1

- 2 - Powdery Mildew, *Microsphaera penicillata*
Confirmed: 1
Suspected: 1

- 1 - Gall wasps, Family Cynipidae
Confirmed: 1

- 1 - Alfalfa Mosaic, Alfalfa Mosaic Virus (AMV)
Suspected: 1

- 2 - Blueberry tipworm, *Hendecaneura shawiana*
Confirmed: 2

- 2 - Raspberry cane borer, *Oberea bimaculata*
Suspected: 2

- 1 - Fall armyworm (FAw), *Spodoptera frugiperda*
Confirmed: 1

- 153 - No pathogens recovered,
Confirmed: 131
Inconclusive: 20
Not Detected: 2

- 1 - Marssonina Blight, *Marssonina populi*
Confirmed: 1

- 2 - Stem canker, *Phytophthora sp./spp.*
Confirmed: 2

- 2 - Wax scale, *Ceroplastes sp./spp.*
Confirmed: 2

- 7 - Slime Mold, Class myxomycetes; myxomycota
Confirmed: 7

- 1 - Buckeye fruit and root rot, *Phytophthora capsici*

Confirmed: 1

1 - Chrysan. Ray Blight; Stem Canker, *Mycosphaerella (Didymella) chrysanthemi*

Confirmed: 1

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

Confirmed: 1

Suspected: 1

4 - Anthracnose, *Colletotrichum sp./spp.*

Confirmed: 3

Suspected: 1

1 - Brown Fruit Rot, *Monilinia fruticola*

Confirmed: 1

1 - Nitrogen; Potassium Deficiency, Abiotic pathology

Suspected: 1

4 - Holly scale, *Dynaspidiotus britannicus*

Confirmed: 4

1 - Rust Mites, Order acari

Confirmed: 1

2 - Lantana lace bug, *Teleonemia scrupulosa*

Confirmed: 2

1 - Powdery Mildew, *Erysiphe polygoni*

Confirmed: 1

1 - Downy mildews; Water molds, Oomycetes

Confirmed: 1

1 - Fusarium Wilt Complex, *Fusarium sp./spp.*

Suspected: 1

1 - Tip blight, *Kabatina sp./spp.*

Confirmed: 1

2 - Pepper (Piper) Ripe Rot, *Colletotrichum piperatum*

Confirmed: 1

Suspected: 1

- 1 - Sclerotium Crown Rot, *Athelia*(syn.*Corticium*)(*Sclerotium*) *rolfsii*
Confirmed: 1

- 1 - Leaf skeletonizers, Family Zygaenidae
Confirmed: 1

- 7 - Tomato Fus. Wilt (Races 1; 2), *Fusarium oxysporum* f. sp. *lycopersici* r1
Confirmed: 7

- 3 - Phomopsis Canker, *Phomopsis* sp./spp.
Confirmed: 2
Suspected: 1

- 1 - May beetles, Family Scarabaeidae
Confirmed: 1

- 1 - Leaf spot, *Xanthomonas campestris* pv. *cucurbitae*
Confirmed: 1

- 1 - Bark beetles; Ambrosia beetles, Family Scolytidae
Confirmed: 1

- 4 - Botrytis fruit rot, *Botrytis* sp./spp.
Confirmed: 4

- 3 - Nutrient imbalance, Abiotic disorder
Suspected: 3

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

- 1 - Seasonal leaf drop, Abiotic disorder
Suspected: 1

- 31 - Herbicide injury; Exposure, Abiotic disorder
Confirmed: 8
Not Detected: 1
Suspected: 22

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

