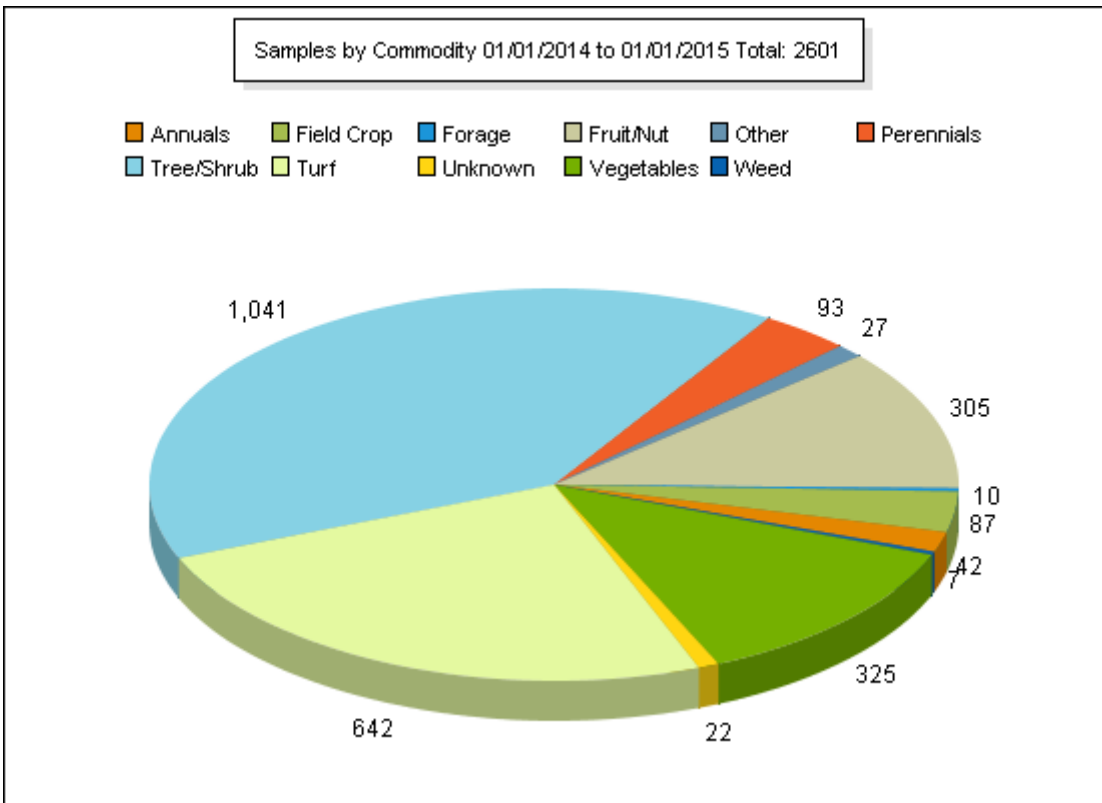


Plant Health Clinic 2014 Summary Report

The Plant Health Clinic received 2601 plant samples in 2014. Horticultural samples continue to follow the trend of recent years by comprising the largest percentage of samples received. The largest category of samples in 2014 was for the category Trees/shrubs (40.0%), followed by Turf (24.7%), Vegetables (12.6%), Fruit/Nut (11.7%), Perennials (3.6%), Field Crops (3.3%), Annuals (1.6%), Other (1.0%), Unknown (0.8%), Forage (0.4%), Weed (0.3%). Note that Unknown are samples, either plant or insect that come into the lab to be identified. The Other category is comprised of samples, usually of ambiguous material that neither the grower or county agent can categorize.

The Plant Health Clinic significantly impacts both Arkansas growers and Extension personnel through our diagnostic services, training sessions, and public outreach. The Clinic serves as a valuable aid to county agents in solving problems connected with Extension clients and shareholders. The Clinic partners with the Southern Plant Diagnostic Network, the National Plant Diagnostic Network, and the Arkansas State Plant Board to alert and train shareholders about developing threats to the agricultural and horticultural industries. Additionally, thousands of homeowners are benefitted through our diagnostic services, and one-to-one personal attention to their problems.

Plant Health Samples submitted	2601
Annuals	42
Field Crop	87
Forage	10
Fruit/Nut	305
Other	27
Perennials	93
Tree/Shrub	1041
Turf	642
Unknown	22
Vegetables	325
Weed	7



Plant Health Samples submitted by district

District

Out of State	95
Delta	679
Ouachita	749
Ozark	1078

Plant Health Total 2601

Plant Health Total 2601

County	Samples Submitted	County	Samples Submitted
ARKANSAS	31	Ashley	4
BAXTER	105	Benton	60
Boone	47	BRADLEY	13
Carroll	25	CHICOT	16
CLARK	47	CLAY	22
CLEBURNE	36	Cleveland	1
Columbia	33	CONWAY	8
CRAIGHEAD	192	CRAWFORD	40
Crittenden	27	Cross	9
Drew	6	Faulkner	182
FRANKLIN	31	Fulton	8
Garland	252	Grant	1
Greene	2	HEMPSTEAD	8
Hot Spring	3	Howard	3
Independence	4	Izard	10
JACKSON	16	JEFFERSON	39
Johnson	10	Lafayette	8
LAWRENCE	19	LEE	15
Lincoln	7	Little River	1
Logan	11	Lonoke	47
Marion	17	MILLER	4
Mississippi	11	MONROE	2
Montgomery	9	NA	3
NEVADA	2	Newton	12
Ouachita	12	Out of State	92
PERRY	3	PHILLIPS	14
POINSETT	9	POLK	4
Pope	112	Prairie	35
PULASKI	309	RANDOLPH	3
SALINE	32	SCOTT	1
SEBASTIAN	111	SEVIER	2
Sharp	9	ST. FRANCIS	32
Union	1	Van Buren	10
Washington	229	WHITE	112
Woodruff	9	Yell	1

Month Plant Health Samples Submitted

January	30
Week 1	2
Week 2	3
Week 3	9
Week 4	8
Week 5	8
February	31
Week 6	4
Week 7	4
Week 8	9
Week 9	14
March	70
Week 10	3
Week 11	13
Week 12	19
Week 13	19
Week 14	16
April	171
Week 14	17
Week 15	30
Week 16	32
Week 17	39
Week 18	53
May	393
Week 18	15
Week 19	80
Week 20	76
Week 21	115
Week 22	107
June	549
Week 23	145
Week 24	96
Week 25	125
Week 26	125
Week 27	58
July	482
Week 27	43
Week 28	111
Week 29	107
Week 30	96
Week 31	125
August	313
Week 31	5
Week 32	53

Week 33	89
Week 34	110
Week 35	56
September	345
Week 36	76
Week 37	59
Week 38	62
Week 39	108
Week 40	40
October	166
Week 40	33
Week 41	34
Week 42	25
Week 43	40
Week 44	34
November	46
Week 45	19
Week 46	12
Week 47	11
Week 48	4
December	5
Week 49	3
Week 50	2

Plant Health Total 2601

Arkansas		
Annuals		1
Field Crop		1
Soybean	(1)	
Fruit/Nut		9
Other		1
Perennials		1
Tree/Shrub		8
Turf		3
Vegetables		7
Ashley		
Fruit/Nut		3
Vegetables		1
BAXTER		
Fruit/Nut		22
Perennials		4
Tree/Shrub		54
Turf		9
Vegetables		16
Benton		
Annuals		1

Forage		1
Fruit/Nut		8
Tree/Shrub		38
Turf		11
Vegetables		1
Boone		
Annuals		1
Field Crop		2
Corn	(1)	
Cucumber	(1)	
Fruit/Nut		14
Other		1
Tree/Shrub		16
Turf		2
Unknown		2
Vegetables		9
BRADLEY		
Field Crop		1
Tomato	(1)	
Tree/Shrub		3
Vegetables		9
Carroll		
Annuals		1
Perennials		5
Tree/Shrub		7
Unknown		7
Vegetables		5
CHICOT		
Field Crop		1
Soybean	(1)	
Fruit/Nut		1
Perennials		1
Tree/Shrub		8
Turf		1
Unknown		1
Vegetables		3
CLARK		
Annuals		2
Fruit/Nut		4
Perennials		1
Tree/Shrub		18
Turf		8
Vegetables		14
CLAY		
Field Crop		6
Rice	(3)	

Soybean (3)	
Fruit/Nut	5
Tree/Shrub	7
Unknown	1
Vegetables	3
CLEBURNE	
Annuals	1
Fruit/Nut	3
Perennials	2
Tree/Shrub	13
Vegetables	16
Weed	1
Cleveland	
Tree/Shrub	1
COLUMBIA	
Annuals	4
Fruit/Nut	4
Tree/Shrub	10
Turf	8
Vegetables	7
Conway	
Field Crop	2
Soybean (2)	
Fruit/Nut	2
Tree/Shrub	2
Turf	1
Vegetables	1
CRAIGHEAD	
Field Crop	5
Soybean (3)	
Sunflower (1)	
Unknown Weeds; Unknown plants (1)	
Fruit/Nut	12
Other	2
Perennials	4
Tree/Shrub	94
Turf	64
Unknown	1
Vegetables	10
CRAWFORD	
Annuals	4
Field Crop	1
Southern peas; Cowpeas Blackeye Peas (1)	
Fruit/Nut	4

Perennials	1
Tree/Shrub	11
Turf	9
Vegetables	10
Crittenden	
Field Crop	3
Corn (1)	
Soybean (2)	
Fruit/Nut	1
Tree/Shrub	18
Turf	1
Vegetables	4
Cross	
Field Crop	5
Rice (1)	
Soybean (4)	
Fruit/Nut	3
Tree/Shrub	1
Drew	
Annuals	1
Fruit/Nut	2
Tree/Shrub	1
Turf	1
Vegetables	1
Faulkner	
Annuals	1
Field Crop	6
Cotton (1)	
Grain Sorghum (1)	
Rice (1)	
Soybean (3)	
Forage	1
Fruit/Nut	14
Other	3
Perennials	6
Tree/Shrub	74
Turf	54
Unknown	2
Vegetables	21
FRANKLIN	
Forage	1
Fruit/Nut	14
Other	1
Perennials	1
Tree/Shrub	10

Vegetables	4
Fulton	
Forage	1
Fruit/Nut	3
Turf	1
Vegetables	3
Garland	
Annuals	6
Fruit/Nut	9
Perennials	5
Tree/Shrub	86
Turf	136
Vegetables	10
Grant	
Tree/Shrub	1
Greene	
Fruit/Nut	1
Tree/Shrub	1
Hempstead	
Fruit/Nut	6
Vegetables	2
Hot Spring	
Fruit/Nut	3
Howard	
Tree/Shrub	3
Independence	
Perennials	2
Vegetables	2
IZARD	
Fruit/Nut	2
Tree/Shrub	1
Vegetables	7
JACKSON	
Field Crop	4
Rice (2)	
Soybean (2)	
Fruit/Nut	12
JEFFERSON	

Field Crop		2
Common Wheat	(1)	
Soybean	(1)	
Fruit/Nut		1
Perennials		1
Tree/Shrub		24
Unknown		2
Vegetables		7
Weed		2
JOHNSON		
Field Crop		1
Soybean	(1)	
Forage		1
Fruit/Nut		6
Tree/Shrub		2
Lafayette		
Annuals		1
Field Crop		1
Soybean	(1)	
Perennials		1
Tree/Shrub		4
Turf		1
LAWRENCE		
Field Crop		3
Common Wheat	(1)	
Soybean	(2)	
Forage		1
Fruit/Nut		1
Perennials		1
Tree/Shrub		7
Turf		1
Vegetables		5
LEE		
Fruit/Nut		8
Perennials		1
Tree/Shrub		3
Vegetables		2
Weed		1
LINCOLN		
Annuals		3
Perennials		2
Tree/Shrub		1
Vegetables		1
Little River		
Fruit/Nut		1

Logan		
Forage		1
Fruit/Nut		2
Tree/Shrub		6
Vegetables		2
Lonoke		
Field Crop		8
Grain Sorghum	(1)	
Soybean	(7)	
Fruit/Nut		14
Tree/Shrub		12
Turf		4
Vegetables		9
Marion		
Fruit/Nut		5
Perennials		2
Tree/Shrub		8
Vegetables		2
MILLER		
Fruit/Nut		1
Vegetables		3
Mississippi		
Fruit/Nut		1
Other		1
Tree/Shrub		2
Turf		5
Unknown		1
Vegetables		1
MONROE		
Field Crop		2
Soybean	(2)	
Montgomery		
Fruit/Nut		2
Tree/Shrub		1
Turf		2
Vegetables		4

NA		
Annuals		2
Field Crop		1
Corn	(1)	
NEVADA		
Turf		1
Vegetables		1
Newton		
Fruit/Nut		4
Other		2
Tree/Shrub		3
Vegetables		3
Ouachita		
Field Crop		1
Southern peas; Cowpeas Blackeye Peas	(1)	
Fruit/Nut		1
Other		1
Tree/Shrub		2
Turf		1
Unknown		2
Vegetables		2
Weed		2
Out of State		
Annuals		2
Fruit/Nut		11
Perennials		7
Tree/Shrub		63
Turf		5
Vegetables		4
Perry		
Field Crop		1
Soybean	(1)	
Tree/Shrub		2
PHILLIPS		
Field Crop		2
Soybean	(2)	
Fruit/Nut		5
Perennials		1
Tree/Shrub		3
Turf		3

Poinsett		
Field Crop		7
Common Wheat	(1)	
Soybean	(6)	
Tree/Shrub		2
POLK		
Fruit/Nut		1
Other		1
Tree/Shrub		1
Vegetables		1
Pope		
Field Crop		1
Soybean	(1)	
Perennials		1
Tree/Shrub		26
Turf		70
Vegetables		14
Prairie		
Field Crop		7
Corn	(1)	
Rice	(2)	
Soybean	(4)	
Perennials		3
Tree/Shrub		13
Vegetables		12
Pulaski		
Annuals		4
Forage		2
Fruit/Nut		15
Other		4
Perennials		7
Tree/Shrub		144
Turf		124
Unknown		1
Vegetables		8
RANDOLPH		
Fruit/Nut		2
Tree/Shrub		1
SALINE		
Fruit/Nut		1
Perennials		8
Tree/Shrub		1
Turf		20
Vegetables		2

SCOTT		
Vegetables		1
Sebastian		
Annuals		1
Fruit/Nut		8
Other		2
Perennials		2
Tree/Shrub		27
Turf		70
Vegetables		1
SEVIER		
Tree/Shrub		2
Sharp		
Field Crop		1
Watermelon	(1)	
Fruit/Nut		4
Tree/Shrub		2
Vegetables		2
ST. FRANCIS		
Field Crop		1
Common Wheat	(1)	
Fruit/Nut		6
Tree/Shrub		13
Turf		3
Unknown		1
Vegetables		8
Union		
Tree/Shrub		1
VAN BUREN		
Perennials		2
Tree/Shrub		3
Turf		1
Unknown		1
Vegetables		3

WASHINGTON		
Annuals		6
Field Crop		2
Blueberry	(1)	
Soybean	(1)	
Forage		1
Fruit/Nut		24
Other		8
Perennials		18
Tree/Shrub		123
Turf		10
Vegetables		36
Weed		1

White		
Field Crop		3
Soybean	(3)	
Fruit/Nut		19
Perennials		3
Tree/Shrub		52
Turf		12
Vegetables		23

Woodruff		
Field Crop		6
Common Wheat	(1)	
Corn	(4)	
Soybean	(1)	
Fruit/Nut		1
Vegetables		2

Yell		
Tree/Shrub		1

Pests found/suspected

8 - Anthracnose, *Colletotrichum orbiculare*

Confirmed: 7

Suspected: 1

2 - Dogwood Anthracnose, *Discula destructiva*

Confirmed: 1

Suspected: 1

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

Confirmed: 8

Suspected: 2

- 9 - Maple Anthracnose, *Gloeosporium apocryptum*
Confirmed: 9
- 1 - Euonymus Anthracnose, *Gloeosporium frigidum*
Confirmed: 1
- 4 - Anthracnose, *Glomerella (Colletotrichum) cingulata (gloeosporioides)*
Confirmed: 4
- 1 - Anthracnose; Black Spot, *Stegophora (Gnomonia) ulmea*
Confirmed: 1
- 1 - Anthracnose, *Colletotrichum graminicola*
Confirmed: 1
- 1 - Anthracnose, *Sphaceloma sp./spp.*
Confirmed: 1
- 3 - Anthracnose Fruit Rot, *Colletotrichum sp./spp.*
Confirmed: 3
- 6 - Botrytis Blight, *Botrytis sp./spp.*
Confirmed: 6
- 1 - Diplodia Blight, *Sphaeropsis sapinea*
Confirmed: 1
- 8 - Brown Rot, *Monilia sp./spp.*
Confirmed: 8
- 9 - Brown Patch, *Rhizoctonia sp./spp.*
Confirmed: 9
- 46 - Fire Blight, *Erwinia amylovora*
Confirmed: 44
Suspected: 2
- 3 - Gummy Stem Blight, *Didymella sp./spp.*
Confirmed: 2
Suspected: 1
- 1 - Alternaria Leaf Blight, *Alternaria sp./spp.*
Confirmed: 1
- 1 - Arborvitae Leaf Blight, *Didymascella thujina*
Confirmed: 1

- 2 - Sirococcus Needle Blight, *Sirococcus* sp./spp.
Confirmed: 2
- 1 - Stigmina Needle Blight, *Stigmina lautii*
Confirmed: 1
- 1 - Tip Blight, *Diplodia* sp./spp.
Confirmed: 1
- 1 - Tip Blight, *Kabatina* sp./spp.
Confirmed: 1
- 2 - Diplodia Tip Blight; Canker, *Sphaeropsis (Diplodia) sapinea (pinea)*
Confirmed: 2
- 54 - Spring Dead Spot, *Ophiosphaerella* sp./spp.
Confirmed: 54
- 1 - Aerial Blight, *Rhizoctonia* sp./spp.
Confirmed: 1
- 1 - Foliar Blight, *Fusarium* sp./spp.
Confirmed: 1
- 1 - Filbert Blight and Dieback, *Xanthomonas campestris* pv. *corylina*
Confirmed: 1
- 7 - Rhizosphaera Needle Cast, *Rhizosphaera* sp./spp.
Confirmed: 6
Suspected: 1
- 1 - Arborvitae; Cypress Twig Blight, *Cercospora thujina*
Confirmed: 1
- 4 - Oak Twig Blight, *Coryneum kunzei*
Confirmed: 4
- 1 - Aerial Stem Blight, *Phytophthora* sp./spp.
Confirmed: 1
- 1 - Bacterial Blight, *Erwinia* sp./spp.
Confirmed: 1
- 10 - Bacterial Blight, *Pseudomonas syringae syringae*
Confirmed: 9

- Suspected: 1
- 6 - Soybean Bacterial Blight, *Pseudomonas syringae* pv. *glycinea*
Confirmed: 6
- 1 - Bacterial Blight, *Xanthomonas* sp./spp.
Confirmed: 1
- 2 - Bacterial Blight, *Xanthomonas campestris*
Confirmed: 2
- 1 - Walnut (Bacterial) Blight, *Xanthomonas campestris* pv. *juglandis*
Confirmed: 1
- 2 - Common Bacterial Blight, *Xanthomonas campestris* pv. *phaseoli*
Confirmed: 2
- 4 - Peony Leaf Blotch, *Cladosporium paeoniae*
Confirmed: 3
Suspected: 1
- 1 - Leaf Blotch, *Guignardia (Phyllosticta) aesculi (aesculicola)*
Confirmed: 1
- 2 - Onion Purple (Brown) Blotch, *Alternaria porri*
Confirmed: 2
- 1 - Fusarium Canker, *Fusarium* sp./spp.
Confirmed: 1
- 11 - Canker, *Hypoxyton* sp./spp.
Confirmed: 5
Not Detected: 1
Suspected: 5
- 1 - Hickory Hypoxyton Canker, *Hypoxyton rubiginosum*
Confirmed: 1
- 3 - Leucostoma Canker, *Leucostoma* sp./spp.
Confirmed: 1
Suspected: 2
- 2 - Maple Canker, *Stegonsporium* sp./spp.
Confirmed: 2
- 31 - Cypress Canker, *Seiridium cardinale*

Confirmed: 27
Not Detected: 1
Suspected: 3

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

1 - Kabatina Twig Blight, *Kabatina thujae*
Confirmed: 1

26 - Pestalotia Dieback, *Pestalotia* sp./spp.
Confirmed: 26

1 - Magnolia Dieback, *Shearia fusa*
Confirmed: 1

10 - Willow Black Canker, *Glomerella (Physalospora) miyabeana*
Confirmed: 8
Suspected: 2

5 - Rose Brown Canker, *Cryptosporella umbrina*
Confirmed: 5

1 - Dead Arm Disease, *Eutypa (Libertella) armeniacae (blepharis)*
Confirmed: 1

26 - Bacterial Canker, *Clavibacter michiganensis michiganensis*
Confirmed: 26

6 - Bacterial Canker, *Pseudomonas syringae*
Confirmed: 5
Suspected: 1

9 - Bacterial Canker, *Pseudomonas syringae syringae*
Confirmed: 6
Suspected: 3

1 - Crown Gall, *Agrobacterium* sp./spp.
Suspected: 1

3 - Crown Gall, *Agrobacterium tumefaciens*
Confirmed: 3

3 - Oak Leaf Blister, *Taphrina caerulescens*
Confirmed: 3

- 3 - Peach Leaf Curl, *Taphrina deformans*
Confirmed: 3
- 1 - Cucumber Scab; Gummosis, *Cladosporium cucumerinum*
Confirmed: 1
- 9 - Pecan; Hickory Scab, *Cladosporium caryigenum*
Confirmed: 9
- 1 - Potato Common Scab, *Streptomyces scabies*
Confirmed: 1
- 1 - Apple Scab, *Venturia (Spilocaea) inaequalis (pomi)*
Confirmed: 1
- 1 - Double Blossom (Rosette), *Cercospora rubi*
Confirmed: 1
- 2 - Soybean Bacterial Pustule, *Xanthomonas campestris* pv. *glycines*
Confirmed: 2
- 1 - Bacterial Gall, *Pseudomonas syringae savastanoi*
Suspected: 1
- 3 - Cucurbit Downy Mildew, *Pseudoperonospora cubensis*
Confirmed: 3
- 3 - Grape Downy Mildew, *Plasmopara viticola*
Confirmed: 3
- 1 - Onion Downy Mildew, *Peronospora destructor*
Suspected: 1
- 2 - Soybean Downy Mildew, *Peronospora manshurica*
Confirmed: 2
- 6 - Downy Mildew, *Plasmopara obducens*
Confirmed: 5
Suspected: 1
- 1 - Powdery Mildew (Turfgrass), *Blumeria graminis*
Confirmed: 1
- 1 - Powdery Mildew, *Microsphaera* sp./spp.
Confirmed: 1

- 1 - Powdery Mildew, *Phyllactinia* sp./spp.
Confirmed: 1
- 2 - Powdery Mildew, *Podosphaera* sp./spp.
Confirmed: 2
- 1 - Powdery Mildew, *Sphaerotheca* sp./spp.
Confirmed: 1
- 1 - Peach Powdery Mildew, *Sphaerotheca pannosa*
Confirmed: 1
- 1 - Fairy Ring, Various fungi
Confirmed: 1
- 1 - Oak Decline, Complex of Biotic; Abiotic Factors
Suspected: 1
- 3 - Wildfire, *Pseudomonas syringae* PV. *tabaci*
Confirmed: 3
- 6 - Fusarium Wilt Complex, *Fusarium* sp./spp.
Confirmed: 5
Suspected: 1
- 2 - Mimosa Wilt, *Fusarium oxysporum perniciosum*
Confirmed: 2
- 2 - Clematis Wilt; Leaf Spot, *Phoma clematidina*
Confirmed: 2
- 31 - Verticillium Wilt, *Verticillium* sp./spp.
Confirmed: 12
Suspected: 19
- 1 - Pith Necrosis, *Pseudomonas corrugata*
Confirmed: 1
- 5 - Cucurbit Bacterial Wilt, *Erwinia tracheiphila*
Confirmed: 5
- 3 - Physarum Slime Mold, *Physarum* sp./spp.
Confirmed: 3
- 5 - Slime Mold, Class myxomycetes; myxomycota
Confirmed: 4

Suspected: 1

1 - Sooty Mold, *Cladosporium* sp./spp.

Confirmed: 1

4 - White Mold (Stem Rot), *Sclerotinia sclerotiorum*

Confirmed: 3

Suspected: 1

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

Confirmed: 1

3 - Black Root Rot, *Thielaviopsis (Chalara) basicola (elegans)*

Confirmed: 3

1 - Charcoal Rot, *Macrophomina* sp./spp.

Suspected: 1

4 - Charcoal Rot, *Macrophomina phaseolina*

Confirmed: 4

1 - Drop (Sclerotinia Rot), *Sclerotinia* sp./spp.

Suspected: 1

1 - Botrytis Fruit Rot, *Botrytis* sp./spp.

Confirmed: 1

1 - Ripe Rot, *Colletotrichum* sp./spp.

Confirmed: 1

1 - Fusarium Root Rot, *Fusarium* sp./spp.

Confirmed: 1

1 - Root Rot, *Ganoderma* sp./spp.

Suspected: 1

3 - Rhizoctonia Root Rot, *Rhizoctonia* sp./spp.

Confirmed: 3

1 - Southern Stem Rot, *Sclerotium rolfsii*

Confirmed: 1

1 - Rhizoctonia Stem Rot, *Rhizoctonia* sp./spp.

Confirmed: 1

2 - Pythium Stalk Rot, *Pythium aphanidermatum*

Confirmed: 2

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

Confirmed: 43

Suspected: 21

1 - Buckeye Fruit and Root Rot, *Phytophthora capsici*

Confirmed: 1

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

Confirmed: 90

Suspected: 2

1 - Wood Rot Fungus, *Phellinus* sp./spp.

Suspected: 1

1 - Bacterial Soft Rot, *Erwinia* sp./spp.

Confirmed: 1

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

Confirmed: 2

2 - Australasian Soybean Rust, *Phakopsora pachyrhizi*

Confirmed: 2

9 - Rhizoctonia Damping Off, *Rhizoctonia* sp./spp.

Confirmed: 9

2 - Flower Smut, *Ustilago cynodontis*

Confirmed: 2

1 - Bean Angular Leaf Spot, *Phaeoisariopsis* (*Isariopsis*) *griseola*

Confirmed: 1

3 - Angular Leaf Spot, *Mycosphaerella angulata*

Confirmed: 3

26 - Cucurbit Angular Leaf Spot, *Pseudomonas syringae* pv. *lachrymans*

Confirmed: 26

8 - Black Spot (Rose), *Diplocarpon* (*Marssonina*) *rosae*

Confirmed: 7

Not Detected: 1

2 - Black Spot, *Stegophora* (*Asteroma*) *ulmea* (*ulmeum*)

Confirmed: 2

- 5 - Rice Blast, *Magnaporthe grisea*
Confirmed: 5

- 1 - Flyspeck, *Schizothyrium* (ana. *Zygophiala*) *pomi* (*jamaicensis*)
Confirmed: 1

- 4 - Soybean Frogeye Leaf Spot, *Cercospora sojina*
Confirmed: 4

- 1 - Sorghum Gray Leaf Spot, *Cercospora sorghi*
Confirmed: 1

- 6 - Gray Leaf Spot, *Magnaporthe* (ana. *Pyricularia*) *grisea*
Confirmed: 6

- 2 - Alternaria Leaf Spot, *Alternaria* sp./spp.
Confirmed: 2

- 1 - Bipolaris Leaf Spot, *Cochliobolus setariae*
Confirmed: 1

- 8 - Cercospora Leaf Spot, *Cercospora* sp./spp.
Confirmed: 8

- 2 - Coniothyrium Leaf Spot, *Coniothyrium* sp./spp.
Confirmed: 2

- 1 - Cercospora Blight, *Cercospora sequoiae*
Confirmed: 1

- 25 - Helminthosporium Leaf Spot, *Cochliobolus* (*Bipolaris*) *cynodontis*
Confirmed: 25

- 1 - Cercospora Leaf Spot, *Cercospora canescens*
Confirmed: 1

- 1 - Cercospora Leaf Spot, *Cercospora citrullina*
Confirmed: 1

- 2 - Azalea Leaf Spot, *Cercospora handelii*
Confirmed: 2

- 2 - Cercospora Leaf Spot, *Cercospora salicina*
Confirmed: 2

- 2 - Mulberry Leaf Spot, *Cercospora mori*
Confirmed: 2

- 1 - Leaf Spot, *Cercospora wisteriae*
Confirmed: 1

- 1 - Cercospora Leaf Spot, *Cercospora eustomae*
Confirmed: 1

- 1 - Leaf Spot, *Cercospora zinniae*
Confirmed: 1

- 1 - Fungal Leaf Spot, *Cercospora hydrangeae*
Confirmed: 1

- 2 - Helminthosporium Leaf Spot, *Drechslera* sp./spp.
Confirmed: 2

- 13 - Entomosporium Leaf Spot, *Entomosporium* sp./spp.
Confirmed: 12
Suspected: 1

- 1 - Leaf Spot, *Cercospora rosicola*
Confirmed: 1

- 2 - Phomopsis Leaf Spot, *Phomopsis* sp./spp.
Confirmed: 2

- 5 - Phyllosticta Leaf Spot, *Phyllosticta* sp./spp.
Confirmed: 5

- 8 - Phytophthora Leaf Spot, *Phytophthora* sp./spp.
Confirmed: 1
Not Detected: 7

- 6 - Maple Leaf Spot, *Phyllosticta minima*
Confirmed: 5
Suspected: 1

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

- 3 - Dogwood Leaf Spot, *Septoria cornicola*
Confirmed: 3

- 4 - Leaf Spot, *Tubakia dryina*

Confirmed: 4

1 - Purple Spot, *Stemphylium vesicarium*

Confirmed: 1

8 - Coryneum Blight (Shot Hole), *Wilsonomyces (Stigmina) carpophilus (carpophila)*

Confirmed: 8

14 - Tomato Bacterial Speck, *Pseudomonas tomato*

Confirmed: 14

1 - Stem Lesion and Leaf Spot, *Cercospora sp./spp.*

Confirmed: 1

1 - White Spot, *Cercospora sp./spp.*

Confirmed: 1

1 - Algal Leaf Spot, *Cephaleuros sp./spp.*

Confirmed: 1

1 - Bacterial Speck, *Pseudomonas syringae PV. tomato*

Confirmed: 1

7 - Bacterial Leaf Spot, *Pseudomonas sp./spp.*

Confirmed: 7

4 - Bacterial Leaf Spot, *Pseudomonas syringae*

Confirmed: 3

Suspected: 1

1 - Crucifer Bacterial Leaf Spot, *Pseudomonas syringae PV. maculicola*

Confirmed: 1

2 - Bacterial Leaf Spot, *Xanthomonas sp./spp.*

Confirmed: 2

2 - Bacterial Leaf Spot, *Xanthomonas campestris campestris*

Confirmed: 2

1 - Ivy Bacterial Leaf Spot, *Xanthomonas campestris pv. hederiae*

Confirmed: 1

22 - Bacterial Leaf Spot, *Xanthomonas campestris pruni*

Confirmed: 22

5 - Bean Brown Spot Blight, *Pseudomonas syringae*

- Confirmed: 5
- 18 - Cucumber Mosaic, Cucumber Mosaic Virus (CMV)
Confirmed: 18
- 1 - Hosta Virus X, Hosta Virus X (HVX)
Confirmed: 1
- 1 - Odontoglossum Ringspot, Odontoglossum Ringspot Virus (ORSV)
Confirmed: 1
- 2 - Squash Mosaic, Squash Mosaic Virus (SQMV)
Confirmed: 2
- 6 - Tobacco Mosaic, Tobacco Mosaic Virus (TMV)
Confirmed: 5
Not Detected: 1
- 2 - Tobacco Ringspot, Tobacco Ringspot Virus (TRSV)
Confirmed: 1
Suspected: 1
- 8 - Tomato Spotted Wilt, Tomato Spotted Wilt Virus (TSWV)
Confirmed: 8
- 2 - Watermelon Mosaic, Watermelon Mosaic Virus (WMV)
Confirmed: 2
- 4 - Mites, Order Acari
Confirmed: 4
- 4 - Eriophyid Mites, Family Eriophyidae
Confirmed: 4
- 1 - Baldcypress Rust Mite, *Epitrimerus taxodii*
Confirmed: 1
- 1 - Eriophyid Aculops Mites, *Aculops* sp./spp.
Confirmed: 1
- 1 - Eriophyid Rust Mite, *Epitrimerus* sp./spp.
Confirmed: 1
- 1 - Broad Mite, *Polyphagotarsonemus latus*
Confirmed: 1

- 23 - Spider Mites, Family Tetranychidae
Confirmed: 22
Suspected: 1
- 1 - Oak Spider Mite, *Oligonychus bicolor*
Confirmed: 1
- 2 - Pecan Leaf Scorch Mite, *Eotetranychus hicoriae*
Confirmed: 2
- 1 - Maple Spider Mite, *Oligonychus aceris*
Confirmed: 1
- 2 - Flatheaded Appletree Borer, *Chrysobothris femorata*
Suspected: 2
- 1 - Oak Twig Pruner, *Anelaphus parallelus*
Suspected: 1
- 1 - Cucumber Beetles, Subfamily Galerucinae
Confirmed: 1
- 2 - Flea Beetles, Subfamily Alticinae
Confirmed: 2
- 1 - Elm Leaf Beetle, *Xanthogaleruca (Pyrrhalta) luteola*
Confirmed: 1
- 1 - Pecan Weevil, *Curculio caryae*
Confirmed: 1
- 1 - Wireworms (Click Beetles), Family Elateridae
Suspected: 1
- 2 - May Beetles, Family Scarabaeidae
Confirmed: 2
- 1 - Bark Beetles; Ambrosia Beetles, Family Scolytidae
Confirmed: 1
- 1 - Hickory Bark Beetle, *Scolytus quadrispinosus*
Confirmed: 1
- 1 - Willow Beaked-gall Midge, *Mayetiola rigidae*
Confirmed: 1

- 1 - Boxwood Leafminer, *Monarthropalpus flavus (buxi)*
Confirmed: 1
- 1 - Oak Vein Pocket Gallmaker, *Macrodiplosis quercusoruca*
Confirmed: 1
- 1 - Cypress Twig Gall Midge, *Taxodiomyia cupressiananassa*
Confirmed: 1
- 4 - Stink Bugs, Family Pentatomidae
Confirmed: 4
- 1 - Harlequin Bug, *Murgantia histrionica*
Confirmed: 1
- 1 - Elm Lace Bug, *Corythucha ulmi*
Confirmed: 1
- 7 - Azalea Lace Bug, *Stephanitis pyrioides*
Confirmed: 7
- 5 - Lantana Lace Bug, *Teleonemia scrupulosa*
Confirmed: 5
- 4 - Whiteflies, Family Aleyrodidae
Confirmed: 4
- 4 - Aphids (Plant Lice), Family Aphididae
Confirmed: 4
- 1 - Apple Aphid, *Aphis pomi*
Confirmed: 1
- 2 - Woolly Apple Aphid, *Eriosoma lanigerum*
Confirmed: 1
Suspected: 1
- 1 - Daylily Aphid, *Myzus hemerocallis*
Confirmed: 1
- 2 - Common Falsepit Scale, *Lecanodiaspis prosopidis*
Confirmed: 1
Suspected: 1
- 1 - Wax Scale, *Ceroplastes sp./spp.*
Confirmed: 1

- 1 - Cottony Camellia Scale, *Pulvinaria floccifera*
Confirmed: 1

- 1 - Rose Scale, *Aulacaspis rosae*
Suspected: 1

- 1 - Camellia Scale, *Lepidosaphes camelliae*
Confirmed: 1

- 1 - White Peach Scale, *Pseudaulacaspis pentagona*
Confirmed: 1

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

- 2 - Azalea Bark Scale, *Eriococcus azaleae*
Confirmed: 2

- 1 - Groundpearls, *Margarodes* sp./spp.
Confirmed: 1

- 6 - Pecan Leaf Phylloxera, *Phylloxera notabilis*
Confirmed: 5
Suspected: 1

- 1 - Grape Phylloxera, *Daktulosphaira vitifoliae*
Confirmed: 1

- 1 - Hickory Leaf Stem Gallmakers, *Phylloxera* sp./spp.
Confirmed: 1

- 1 - Hickory Leaf Stem Gall Aphid, *Phylloxera caryaecaulis*
Confirmed: 1

- 2 - Gall Wasps, Family Cynipidae
Confirmed: 2

- 1 - Wool Sower Gall Wasp, *Callirhytis seminator*
Confirmed: 1

- 1 - Horned Oak Gall Wasp, *Callirhytis cornigera*
Confirmed: 1

- 1 - Loblolly Pine Sawfly, *Neodiprion taedae*
Confirmed: 1

- 1 - Cicada Killer, *Sphecius speciosus*
Suspected: 1

- 1 - Common Sawflies, Family Tenthredinidae
Suspected: 1

- 1 - Maple Petiole Borer, *Caulocampus acericaulis*
Confirmed: 1

- 4 - Roseslug, *Endelomyia aethiops*
Confirmed: 4

- 1 - Barberry Looper, *Coryphista meadii*
Confirmed: 1

- 2 - Azalea Leafminer, *Caloptilia azaleella*
Confirmed: 2

- 2 - Maple Leafcutter, *Paraclemensia acerifoliella*
Confirmed: 2

- 5 - Oak Skeletonizer, *Bucculatrix ainsliella*
Confirmed: 5

- 2 - Iris Borer, *Macronoctua onusta*
Confirmed: 2

- 1 - Stalk Borer, *Papaipema nebris*
Confirmed: 1

- 1 - Bagworm Moths, Family Psychidae
Confirmed: 1

- 10 - Clearwing Borers, Family Sesiidae
Confirmed: 4
Suspected: 6

- 1 - Rhododendron Borer, *Synanthedon rhododendri*
Suspected: 1

- 4 - Dogwood Borer (Dwb), *Synanthedon scitula*
Suspected: 4

- 3 - Oriental Fruit Moth (Ofm), *Grapholita molesta*
Confirmed: 2

- Suspected: 1
- 1 - Grape Berry Moth (Gbm), *Endopiza viteana*
Confirmed: 1
- 1 - Carolina Mantid, *Stagmomantis carolina*
Confirmed: 1
- 3 - Free Living Nematodes, Multiple genera sp./spp.
Confirmed: 2
Suspected: 1
- 9 - Chemical Injury, Abiotic disorder
Confirmed: 1
Suspected: 8
- 24 - Chemical; Environmental Injury, Abiotic disorder
Suspected: 24
- 1 - Salt Damage, Abiotic disorder
Suspected: 1
- 1 - High Soluble Salt, Abiotic disorder
Suspected: 1
- 73 - Herbicide Injury; Exposure, Abiotic disorder
Confirmed: 5
Suspected: 68
- 2 - Herbicide Drift, Abiotic disorder
Suspected: 2
- 18 - Glyphosate Injury, Abiotic disorder
Confirmed: 1
Suspected: 17
- 18 - 2-4-d Injury, Abiotic disorder
Suspected: 18
- 1 - Rodent Damage, Abiotic disorder
Confirmed: 1
- 2 - Cultural/Environmental Problem, Abiotic disorder
Suspected: 2
- 1 - Poor Growing Conditions, Abiotic disorder

- Suspected: 1
- 3 - Sunscald, Abiotic disorder
Confirmed: 2
Suspected: 1
- 6 - Nutritional Pathology, Abiotic disorder
Suspected: 6
- 8 - Nutritional Deficiency, Abiotic disorder
Confirmed: 1
Suspected: 7
- 3 - Ph Induced Pathology, Abiotic disorder
Suspected: 3
- 2 - High Ph Damage, Abiotic disorder
Suspected: 2
- 2 - Low Ph; Nutrient Imbalance, Abiotic disorder
Suspected: 2
- 4 - Windburn, Abiotic disorder
Not Detected: 1
Suspected: 3
- 8 - Scorch, Abiotic disorder
Confirmed: 1
Suspected: 7
- 15 - Winter Injury, Abiotic disorder
Confirmed: 1
Suspected: 14
- 12 - Environmental Stress; Problem, Abiotic disorder
Suspected: 12
- 2 - Drought Stress Damage, Abiotic disorder
Suspected: 2
- 14 - Oedema; Edema, Abiotic disorder
Confirmed: 14
- 2 - Physiological Responses, Abiotic disorder
Confirmed: 1
Suspected: 1

- 10 - Natural Senescence, Abiotic disorder
 - Confirmed: 6
 - Suspected: 4

- 2 - Fasciation, Abiotic disorder
 - Confirmed: 2

- 4 - Root Problems, Abiotic disorder
 - Suspected: 4

- 3 - Nitrogen Deficiency, Abiotic disorder
 - Suspected: 3

- 2 - Magnesium Deficiency, Abiotic disorder
 - Confirmed: 1
 - Suspected: 1

- 1 - Phosphorus Deficiency, Abiotic disorder
 - Confirmed: 1

- 1 - Fluoride Toxicity, Abiotic disorder
 - Suspected: 1

- 8 - Excessive Water, Abiotic disorder
 - Confirmed: 1
 - Suspected: 7

- 2 - Hail Damage, Abiotic disorder
 - Suspected: 2

- 1 - Leaf Spot, Coniothyrium hellebori
 - Confirmed: 1

- 1 - Dog Stinkhorn, Mutinus caninus
 - Confirmed: 1

- 2 - Herbicide Carryover, Abiotic disorder
 - Suspected: 2

- 1 - Poor pollination, Abiotic disorder
 - Confirmed: 1

- 3 - Septoria Leaf Blight, Septoria lycopersici
 - Confirmed: 2
 - Suspected: 1

- 3 - Phytophthora Canker, *Phytophthora* sp./spp.
Confirmed: 3

- 2 - Canker, Unidentified fungus
Confirmed: 1
Suspected: 1

- 1 - Dead Man's Fingers, *Xylaria polymorpha*
Confirmed: 1

- 2 - Bitter Pit, Abiotic Disorder
Confirmed: 2

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

- 1 - Twig and Branch Canker, *Steganosporium* sp./spp.
Confirmed: 1

- 8 - Bacterial Wetwood; Slime Flux, Various Pathogens
Confirmed: 4
Suspected: 4

- 32 - Viruses, Viruses
Inconclusive: 1
Not Detected: 28
Suspected: 3

- 3 - Yellow-bellied Sapsucker, *Sphyrapicus varius*
Confirmed: 3

- 1 - Rose Rust, *Phragmidium speciosum*
Confirmed: 1

- 5 - Dogwood Powdery Mildew, *Erysiphe pulchra*
Confirmed: 5

- 1 - Ash Anthracnose, *Gnomoniella fraxini*
Confirmed: 1

- 1 - Phytophthora Canker, *Phytophthora nicotianae*
Confirmed: 1

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

- 3 - Sycamore Anthracnose, *Apiognomonia* (*Gnomonia*) (*ana. Discula*) *veneta* (*platani*)
Confirmed: 3
- 3 - Soybean Anthracnose, *Glomerella* (*Colletotrichum*) *glycines* (*destructivum*)
Confirmed: 3
- 1 - Pythium Pod and Stem Blight, *Pythium* sp./spp.
Confirmed: 1
- 1 - Phomopsis Canker and Twig Blight, *Diaporthe* (*Phomopsis*) *vaccinii*
Confirmed: 1
- 1 - Willow Canker, *Cryptodiaporthe* (*ana. Diplodina*) *salicina* (*microsperma*)
Confirmed: 1
- 5 - Pitch Canker, *Gibberella* (*Fusarium*) sp./spp.
Confirmed: 1
Suspected: 4
- 1 - Asian Pear Scab, *Venturia nashicola*
Confirmed: 1
- 3 - Oak Powdery Mildew, *Erysiphe* (*Oidium*) *alphitoides*
Confirmed: 3
- 3 - Powdery Mildew, *Sphaerotheca pannosa*
Confirmed: 3
- 1 - Stem Rot, *Magnaporthe* (*Sclerotium*) *salvinii* (*oryzae*)
Confirmed: 1
- 2 - Phytophthora Stem Rot, *Phytophthora nicotianae* var. *parasitica*
Confirmed: 2
- 1 - Cedar-Quince Rust, *Gymnosporangium clavipes*
Suspected: 1
- 1 - Cercospora Leaf Spot of Pomegranate, *Cercospora punicae*
Confirmed: 1
- 1 - Persimmon Anthracnose, *Cercospora fuliginosa*
Suspected: 1
- 1 - Strawberry Black Spot Fruit Rot, *Colletotrichum fragariae*
Confirmed: 1

- 23 - Septoria Leaf Spot, *Septoria lycopersici*
Confirmed: 22
Suspected: 1
- 3 - Bacterial Leaf Spot, Unidentified Bacteria
Confirmed: 3
- 1 - Phytotoxicity, Abiotic disorder
Suspected: 1
- 3 - Yew Leaf; Twig Blight, *Dothiora (Sphaerulina)(Sydowia) taxicola*
Confirmed: 3
- 1 - Yellow Tuft, *Sclerophthora (Phytophthora) macrospora*
Confirmed: 1
- 45 - Freeze; Frost; Cold Damage, Abiotic disorder
Confirmed: 20
Suspected: 25
- 1 - Eastern Filbert Blight, *Anisogramma (Cryptosporella) anomala*
Confirmed: 1
- 1 - Crown Gall, *Agrobacterium vitis*
Confirmed: 1
- 1 - Armillaria Root Rot, *Armillaria (Armillariella) sp./spp.*
Suspected: 1
- 4 - Anthracnose; *Colletotrichum* Leaf Spot, *Colletotrichum sp./spp.*
Confirmed: 4
- 2 - Early Blight; Leaf Spot, *Alternaria solani*
Confirmed: 2
- 1 - Dieback; Canker; Twig Blight, *Botryosphaeria sp./spp.*
Confirmed: 1
- 1 - Scab, *Venturia sp./spp.*
Confirmed: 1
- 1 - Red Leaf, *Exobasidium vaccinii*
Confirmed: 1
- 2 - Rust Mites, Order acari

Confirmed: 2

20 - Scale Insects, Order homoptera

Confirmed: 20

3 - Squash Vine Borer, *Melittia cucurbitae*

Confirmed: 1

Suspected: 2

1 - Grape Anthracnose; Birds-eye Rot, *Elsinoe (Sphaceloma) ampelina (ampelinum)*

Confirmed: 1

1 - Spot Anthracnose, *Elsinoe veneta*

Confirmed: 1

2 - Boxwood Macrophoma Leaf Spot, *Dothiorella (Macrophoma) sempervirens (candollei)*

Confirmed: 2

1 - Botryosphaeria Canker; Dieback, *Botryosphaeria (Diplodia) stevensii (mutila)*

Confirmed: 1

1 - Pine Beetles, Family Scolytidae

Suspected: 1

1 - Sunflower Black Stem, *Leptosphaeria (Phoma) lindquistii (macdonaldii)*

Confirmed: 1

1 - Soybean Pod and Stem Blight, *Diaporthe (Phomopsis) phaseolorum sojae*

Confirmed: 1

1 - Crown Sheath Rot, *Gaeumannomyces graminis*

Confirmed: 1

9 - Take All, *Gaeumannomyces graminis var. avenae*

Confirmed: 9

3 - Nostoc, *Nostoc sp./spp.*

Confirmed: 2

Suspected: 1

6 - Purple Seed-stain; Leaf Blight, *Cercospora kikuchii*

Confirmed: 6

3 - Kabatina Tip Blight; Needle Blight, *Kabatina juniperi*

Confirmed: 3

- 2 - Greater Peachtree Borer (GPtB), *Synanthedon exitiosa*
Confirmed: 1
Suspected: 1

- 2 - Liver Spot, *Gnomonia* (ana. *Asteroma*) *caryae*
Confirmed: 2

- 2 - Sooty Blotch (Fruit), *Gloeodes pomigena*
Confirmed: 2

- 8 - Black Rot, *Guignardia* (*Phyllosticta*) *bidwellii* (*ampelicida*)
Confirmed: 8

- 3 - Cedar-apple Rust, *Gymnosporangium juniperi-virginianae*
Confirmed: 3

- 2 - Anthracnose, *Cryptocline betularum*
Confirmed: 2

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

- 5 - Curvularia Blight; Leaf Spot, *Curvularia* sp./spp.
Confirmed: 5

- 1 - Apple Twig Blight;; Dieback; Canker, *Botryosphaeria obtusa*
Confirmed: 1

- 5 - Canker; Stem Blight; Dieback, *Botryosphaeria dothidea*
Confirmed: 4
Suspected: 1

- 1 - Iris Crown; Rhizome Rot, *Botryotinia convoluta*
Confirmed: 1

- 1 - Sooty Mold, *Meliola* sp./spp.
Confirmed: 1

- 1 - Dry Rot, *Serpula lacrymans*
Suspected: 1

- 1 - Twig Blight, *Monilinia azaleae*
Confirmed: 1

- 1 - Iris Leaf Spot, *Mycosphaerella* (ana *Heterosporium*) *macrospora* (*gracile*)

Confirmed: 1

1 - Canker; Coral Spot; Blight; Dieback, *Nectria (Tubercularia) cinnabarina (vulgaris)*
Suspected: 1

4 - Rose Downy Mildew, *Peronospora sparsa*
Confirmed: 4

1 - *Neocosmospora* Root or Fruit Rot, *Neocosmospora vasinfecta*
Confirmed: 1

8 - Brown Spot, *Mycosphaerella (Dothistroma) pini*
Confirmed: 8

3 - Leaf Spot, *Pestalotiopsis (Pestalotia) sp./spp.*
Confirmed: 3

1 - Wood Rot Fungus, *Perenniporia (Trametes) robiniophila*
Suspected: 1

1 - Spotted Wing Drosophila, *Drosophila suzukii*
Confirmed: 1

2 - Mallow Rust; Hollyhock Rust, *Puccinia malvacearum*
Confirmed: 2

3 - Anthracnose, *Apiognomonina (Discula) errabunda (quercina) (umbrinella)*
Confirmed: 3

20 - Pythium Blight; Cottony Blight, *Pythium sp./spp.*
Confirmed: 20

1 - Leaf Blight; Stem Blight; Stem Canker, *Phoma exigua*
Confirmed: 1

2 - Cane Blight; Canker, *Leptosphaeria (Coniothyrium) coniothyrium (fuckelli)*
Confirmed: 1
Suspected: 1

306 - Large Patch, *Thanatephorus (Rhizoctonia) cucumeris (solani)*
Confirmed: 303
Suspected: 3

3 - Phomopsis Tip Blight; Needle Blight, *Phomopsis juniperovora*
Confirmed: 3

5 - Oak Twig Canker and Dieback, *Botryosphaeria* (ana. *Dothiorella*) *quercuum* (quercina)

Confirmed: 5

3 - Hypoxylon Canker, *Entoleuca* (*Hypoxylon*) *mammata* (blakei)

Suspected: 3

4 - Seiridium Canker, *Lepteutypa* (*Seiridium*) *cupressi* (unicorne)

Confirmed: 3

Suspected: 1

2 - Phomopsis Dieback; Tip Blight; Canker, *Phomopsis* sp./spp.

Confirmed: 2

4 - Phytophthora Dieback; Blight, *Phytophthora* sp./spp.

Confirmed: 4

1 - Black Knot, *Apiosporina* (*Dibotryon*) *morbosa* (morbosum)

Confirmed: 1

121 - Pythium Root and/or Crown Rot, *Pythium* sp./spp.

Confirmed: 120

Suspected: 1

4 - Soybean Phytophthora Root and Stem Rot, *Phytophthora* *sojae*

Confirmed: 4

4 - Sheath Blight, *Rhizoctonia* sp./spp.

Confirmed: 4

5 - Rust; Leaf Rust, *Puccinia* *zoysiae*

Confirmed: 5

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

Confirmed: 1

5 - Pythium Damping Off, *Pythium* sp./spp.

Confirmed: 5

2 - Dollar Spot, *Sclerotinia* *homeocarpa*

Confirmed: 2

1 - Dutch Elm Disease, *Ophiostoma* sp./spp.

Not Detected: 1

7 - Tomato; Pepper Bacterial Spot, *Xanthomonas* *campestris* pv. *vesicatoria*

Confirmed: 6
Suspected: 1

1 - Basidiomycete, Unidentified Basidiomycete
Confirmed: 1

2 - Soybean Sudden Death Syndrome, *Fusarium virguliforme*
Confirmed: 2

1 - Canker, *Pythium* sp./spp.
Confirmed: 1

29 - Rose Rosette Disease, Rose rosette-associated virus (RRaV)
Confirmed: 15
Not Detected: 12
Suspected: 2

7 - Boxwood Volutella Blight; Canker, *Volutella buxi*
Confirmed: 7

42 - Root Rot, Unidentified Agent
Confirmed: 1
Suspected: 41

1 - Ficus Rust; Fig Rust, *Uredo ficina*
Confirmed: 1

1 - Rust, Unidentified Fungus
Confirmed: 1

31 - Insect Damage, Unidentified Insect
Confirmed: 29
Suspected: 2

1 - Mite Damage, Unidentified Mite
Confirmed: 1

1 - Host-Site Mis-match, Abiotic disorder
Suspected: 1

1 - Temperature Induced Pathology, Abiotic disorder
Suspected: 1

7 - Bacterial Leaf Scorch (BLS), *Xylella fastidiosa* (BLS)
Confirmed: 5
Suspected: 2

- 2 - Grapevine Pierce's Disease (PD), *Xylella fastidiosa* (PD)
Confirmed: 1
Suspected: 1
- 1 - Bryozoans; Moss Animals, Phylum Bryozoa
Confirmed: 1
- 63 - Insufficient Sample, Identification Analysis
Confirmed: 42
Inconclusive: 21
- 1 - Undetermined Injury or Pest, Identification Analysis
Confirmed: 1
- 1 - Powdery Mildew, Unidentified Fungus
Confirmed: 1
- 4 - Leaf Spot, *Tubakia* sp./spp.
Confirmed: 4
- 1 - San Jose Scale (SJS), *Diaspidiotus perniciosus*
Suspected: 1
- 12 - , Abiotic disorder
Confirmed: 5
Suspected: 7
- 2 - , *Apiognomonina* (*Discula*) *errabunda* (*quercina*) (*umbrinella*)
Confirmed: 2
- 1 - , *Blumeriella* (*Coccomyces*) *jaapii* (*hiemalis*)
Confirmed: 1
- 2 - , *Botryosphaeria* sp./spp.
Confirmed: 2
- 1 - , *Botryosphaeria* (*ana. Fusicoccum*) *dothidea* (*ana. aesculi*)
Confirmed: 1
- 4 - , *Botrytis* sp./spp.
Confirmed: 3
Suspected: 1
- 5 - , *Cercospora handelii*
Confirmed: 5

- 8 - , *Cercospora hydrangeae*
Confirmed: 8

- 2 - , *Cercospora rosicola*
Confirmed: 2

- 1 - , *Cercospora salicina*
Confirmed: 1

- 3 - , *Cercospora* sp./spp.
Confirmed: 3

- 1 - , Cucumber Mosaic Virus (CMV)
Confirmed: 1

- 1 - , *Erysiphe (Uncinula) necator*
Confirmed: 1

- 1 - , *Ganoderma* sp./spp.
Suspected: 1

- 1 - , *Gnomonia (Marssonina) leptostyla (juglandis)*
Confirmed: 1

- 2 - , *Helminthosporium* sp./spp.
Confirmed: 2

- 13 - , Identification Analysis
Confirmed: 6
Inconclusive: 1
Suspected: 6

- 1 - , Maize Dwarf Mosaic Virus A; B (MDMV)
Confirmed: 1

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

- 2 - , *Mycosphaerella (Septoria) rubi*
Confirmed: 2

- 1 - , *Neocosmospora vasinfecta*
Confirmed: 1

- 3 - , No Pathogen Found

Confirmed: 3

1 - , Passalora (Cercospora) sequoiae

Confirmed: 1

1 - , Pear Stony Pit Virus

Suspected: 1

1 - , Peronospora sparsa

Confirmed: 1

1 - , Phomopsis juniperovora

Confirmed: 1

1 - , Phyllosticta sp./spp.

Confirmed: 1

31 - , Phytophthora sp./spp.

Not Detected: 31

1 - , Phytophthora syringae

Not Detected: 1

5 - , Plum Pox Virus (PPV)

Not Detected: 5

2 - , Pythium sp./spp.

Confirmed: 2

3 - , Rose rosette-associated virus (RRaV)

Confirmed: 1

Not Detected: 2

2 - , Tobacco Mosaic Virus (TMV)

Confirmed: 1

Suspected: 1

1 - , Tobacco Ringspot Virus (TRSV)

Confirmed: 1

2 - , Tomato Spotted Wilt Virus (TSWV)

Confirmed: 2

1 - , Unidentified Insect

Confirmed: 1

4 - , Viruses

Not Detected: 4

1 - Fuzzy Oak Gall Wasp, *Andricus quercusflocci*

Confirmed: 1

3 - Rust, *Puccinia cynodontis*

Confirmed: 3

1 - Bacterial Blight, Unidentified Bacteria

Confirmed: 1

1 - *Mycosphaerella* Leaf Spot, *Mycosphaerella* (ana *Passalora*) *cerasella* (ana *circumscissa*)

Confirmed: 1

2 - Woolly Oak Aphid, *Stegophylla essigi*

Confirmed: 2

1 - Normal Plant Growth, Identification Analysis

Confirmed: 1

1 - Barklice, Order psocoptera

Confirmed: 1

3 - Melting Out, *Cochliobolus* (*Bipolaris*) *cynodontis*

Confirmed: 3

1 - Southern Stem, Crown, Root, Seedl Blight, *Athelia* (*Sclerotium*) *rolfsii*

Confirmed: 1

56 - No Pathogen Found, Identification Analysis

Confirmed: 21

Inconclusive: 34

Not Detected: 1

2 - Anthracnose; Twig Dieback, *Colletotrichum* sp./spp.

Confirmed: 2

3 - , Abiotic disorder

Suspected: 3

1 - Covered Smut, *Sporisorium* (*Sphacelotheca*) sp./spp.

Confirmed: 1

1 - False Oleander Scale, *Pseudaulacaspis cockerelli*

- Confirmed: 1
- 1 - Unspecified Pathology, *Pythium* sp./spp.
Confirmed: 1
- 24 - Crown Rot; Root Rot; Stem Rot, *Phytophthora* sp./spp.
Confirmed: 20
Suspected: 4
- 9 - Root-knot Nematodes, *Meloidogyne* sp./spp.
Confirmed: 7
Not Detected: 1
Suspected: 1
- 3 - Jumping Oak Gall Wasp, *Neuroterus saltatorius*
Confirmed: 3
- 1 - , *Seimatosporium* sp./spp.
Confirmed: 1
- 3 - Burr Knot, Abiotic disorder
Confirmed: 3
- 1 - Sooty Blotch Flyspeck Complex, Various Fungi
Confirmed: 1
- 1 - smoke tree rust, *Pileolaria cotini-coggyriae*
Confirmed: 1
- 1 - Wheat bacterial sheath rot, *pseudomonas fuscovaginae*
Suspected: 1
- 1 - Tomato Bacterial Spot, *Xanthomonas perforans*
Confirmed: 1
- 4 - Leaf Blight; Leaf Spot; Shothole, *Blumeriella (Coccomyces) jaapii (hiemalis)*
Confirmed: 4
- 15 - *Helminthosporium* Leaf Spot, *Bipolaris (Cochliobolus) cynodontis*
Confirmed: 15
- 1 - Drippy acorns, *erwinia quercina*
Confirmed: 1