

Plant Problem Clinic Annual Report for 2017



Introduction to the 2017 Annual Report

As of February 1, 2018, the Clemson University Plant Problem Clinic changed its name to The Plant and Pest Diagnostic Clinic (PPDC). The PPDC, the Molecular Plant Pathogen Detection Lab (MPPD) and the Commercial Turf Clinic are housed in the Department of Plant Industry, while the Nematode Assay Lab, with whom we have a contract, is in the Department of Plant and Environmental Sciences. Despite the name change, our primary mission has not changed. The Clinic serves the people of South Carolina as a multidisciplinary lab that provides diagnoses of plant diseases and identifications of weeds and insect pests of plants and structures. Solutions for these problems are provided through management recommendations.

As a part of the Department of Plant Industry in Regulatory Services, the PPDC also helps to detect and document new plant diseases and pests in South Carolina and serves as an information resource for Clemson University Extension, teaching, regulatory and research personnel.

We were lucky to retain the part-time assistance of Madeline Dowling who prepared many of the tables for Host/Diagnosis by Crop for this report. We also hired Martha Froelich, another graduate student in Plant Pathology, who also assists with diagnostics and other aspects of lab management. Both have been extremely helpful.

In 2017, the Plant Problem Clinic received 1215 samples and 27 people from eight disciplinary areas assisted by identifying diseases, insects or plants or by providing management recommendations. Appreciation is expressed to all faculty, students and staff that contributed their time and effort, enhancing the success of the Plant and Pest Diagnostic Clinic. Special thanks are extended to those who are primary identifiers: Entomologists; Tim Drake and Predeesh Chandran, Botanist; Dixie Damrel and Mycologist; Julia Kerrigan.

Much gratitude also goes out to the core lab staff. In addition to her other duties, Lab Coordinator, Diana Low, took on the major task of transitioning our web site to the new Cascade platform. She will now maintain our website, which will make it easier to keep it up to date. Curt Colburn, the Molecular Biologist in charge of the Molecular Plant Pathogen Detection Lab (MPPD), assisted the Plant Problem Clinic by handling diagnoses of certain Phytophthora disease suspects, doing bacterial identifications, plus PCR reactions and ELISA tests in some cases.

This year, the annual reports for the MPPD Lab, the Nematode Assay Lab and the Commercial Turf Clinic will stand on their own. I hope that readers find all of these reports interesting and informative.

Meg Williamson, Diagnostician and Lab Manager

Diagnosticians and Other Primary Identifiers

Brad Addy diagnosed 20 turfgrass samples and gave advice for 12.
Curt Colburn diagnosed 127 samples, and gave advice for 81.
DixieDamrel processed 116 plant identification samples.
Eric Benson identified 1 insect/arthropod sample and gave advice for 32
John Hains identified 4 algal samples.
Julia Kerrigan identified 9 fungal samples and gave advice for 7.
Mac Callaham identified 1 invasive worm sample.
Madeline Dowling diagnosed 54 samples and gave advice for 4.
Martha Froelich diagnosed 34 samples.
Meg Williamson diagnosed 865 samples and gave advice for 857.
Michael Caterino identified 1 insect sample.
Predeesh Chandran identified 162 insect/arthropod samples and gave advice for 125.
Timothy Drake identified 52 insect/arthropod samples and gave advice for 15.

Advisory Consultants

Bert McCarty gave advice for 2 turfgrass samples.
Bob Polomski gave weed management advice for 43 samples.
Corey Heaton gave algae management advice for 21 samples.
Eric Benson gave advice for 29 structural insect/arthropod samples.
Greg Yarrow gave advice for 1 wildlife sample.
J.C. Chong gave advice for 24 insect/arthropod samples.
Joey Williamson gave advice for 30 insect/arthropod samples.
Michael Childress gave advice for 1 round worm sample.
Mike Marshall gave advice for 15 field crop/pasture weed management samples.
Powell Smith gave advice for 1 vegetable insect/arthropod sample.
Rebecca Schmidt-Jeffris gave advice for 1 vegetable insect/arthropod sample.
Simon Scott gave advice for 2 viral plant disease samples.
Steve Jeffers gave advice for 8 ornamental plant disease samples.
Tony Keinath gave advice for 2 vegetable plant disease samples.

Department of Plant Industry Labs Sample Receiving and Log-in

Plant Problem Clinic Samples

Diana Low processed 1158 samples.

Meg Williamson processed 13 samples.

Predeesh Chandran processed 43 samples.

Commercial Turf Clinic Samples

Diana Low processed 117 samples.

Meg Williamson processed 4 samples.

Predeesh Chandran processed 1 sample.

MPPD Samples

Diana Low processed 78 samples.

Predeesh Chandran processed 1 sample.

Nematode Assay Lab Samples

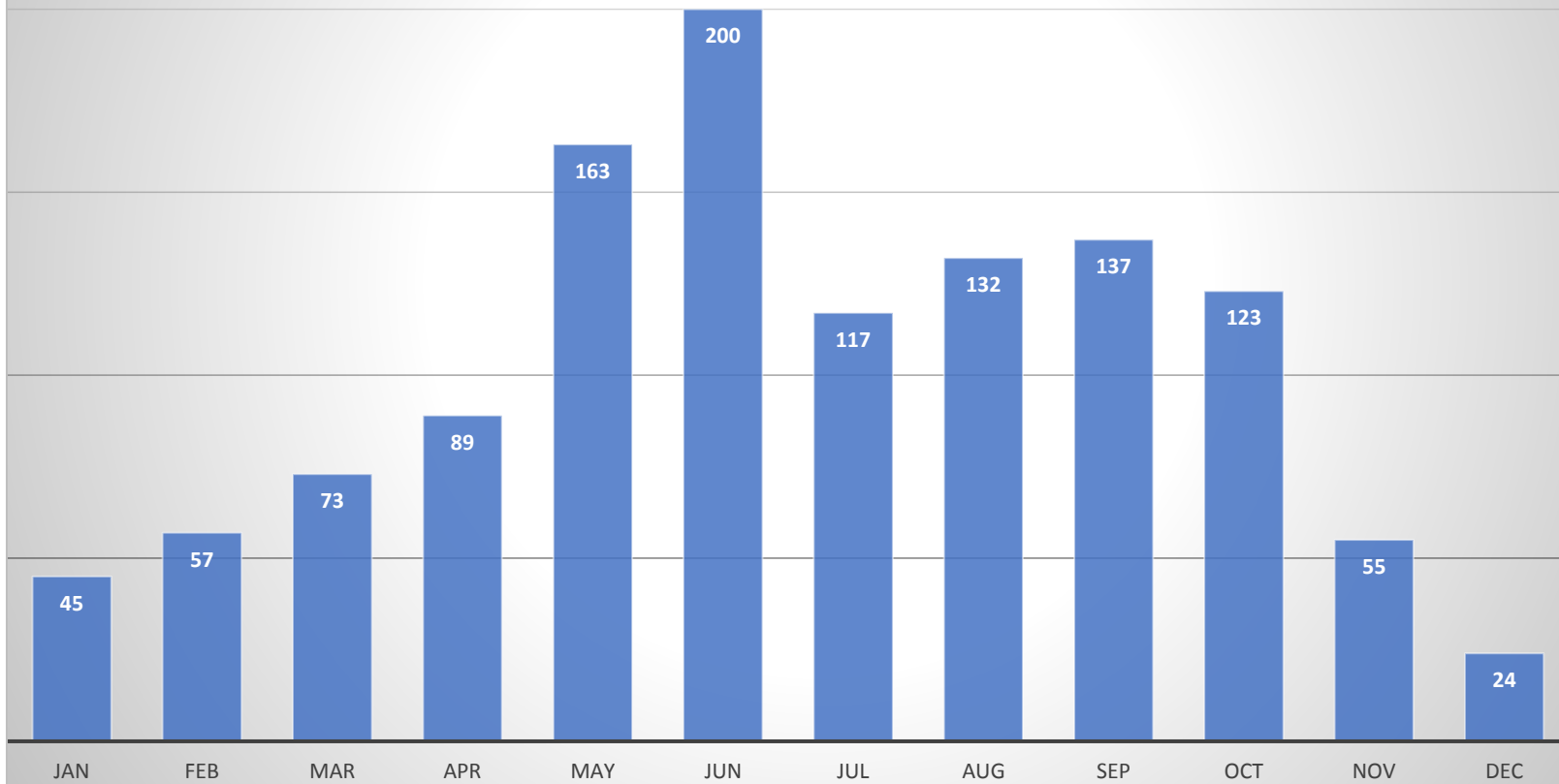
Diana Low processed 1777 samples.

Meg Williamson processed 12 samples.

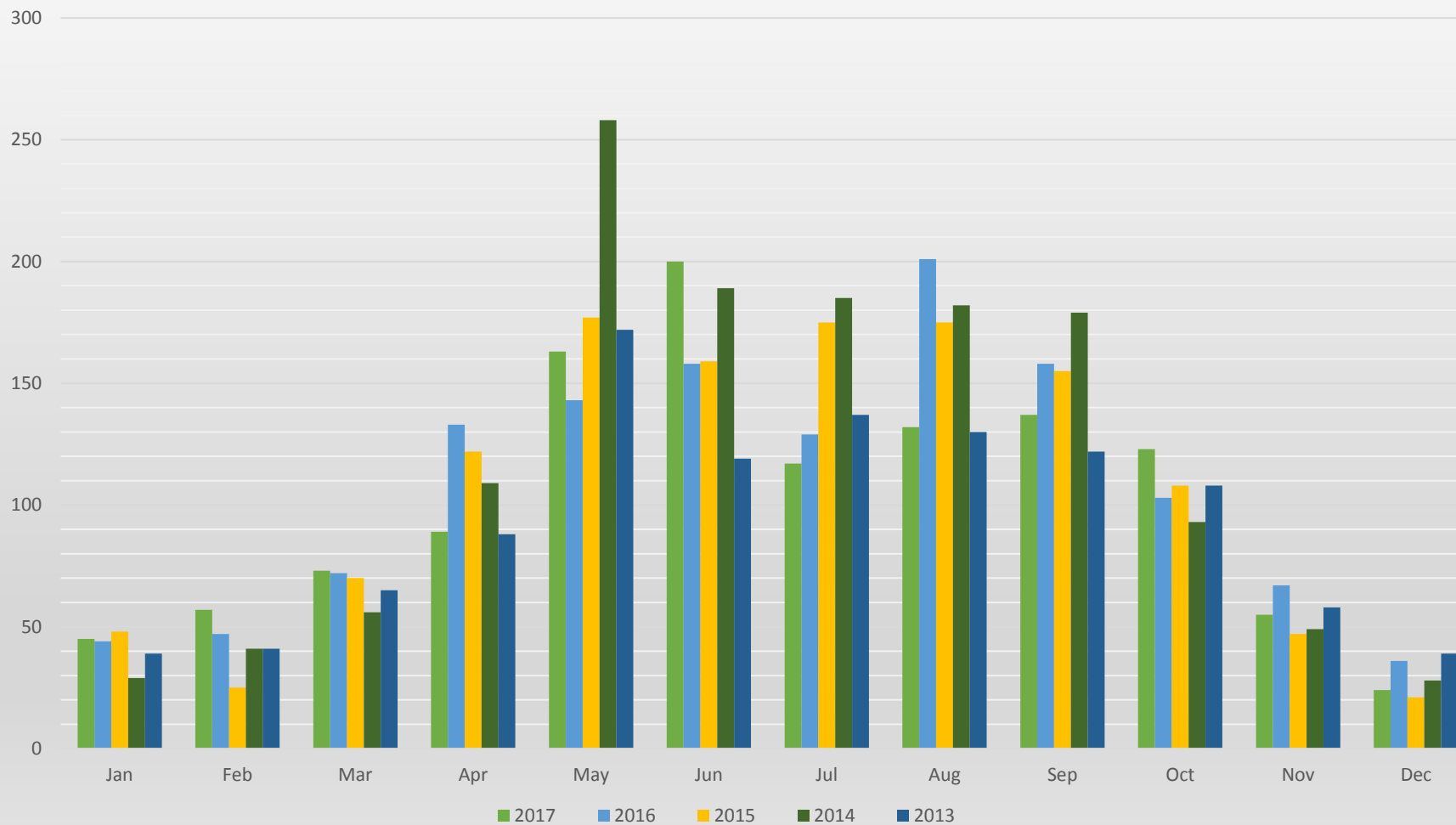
Predeesh Chandran processed 89 samples.

Number of Samples per month in 2017

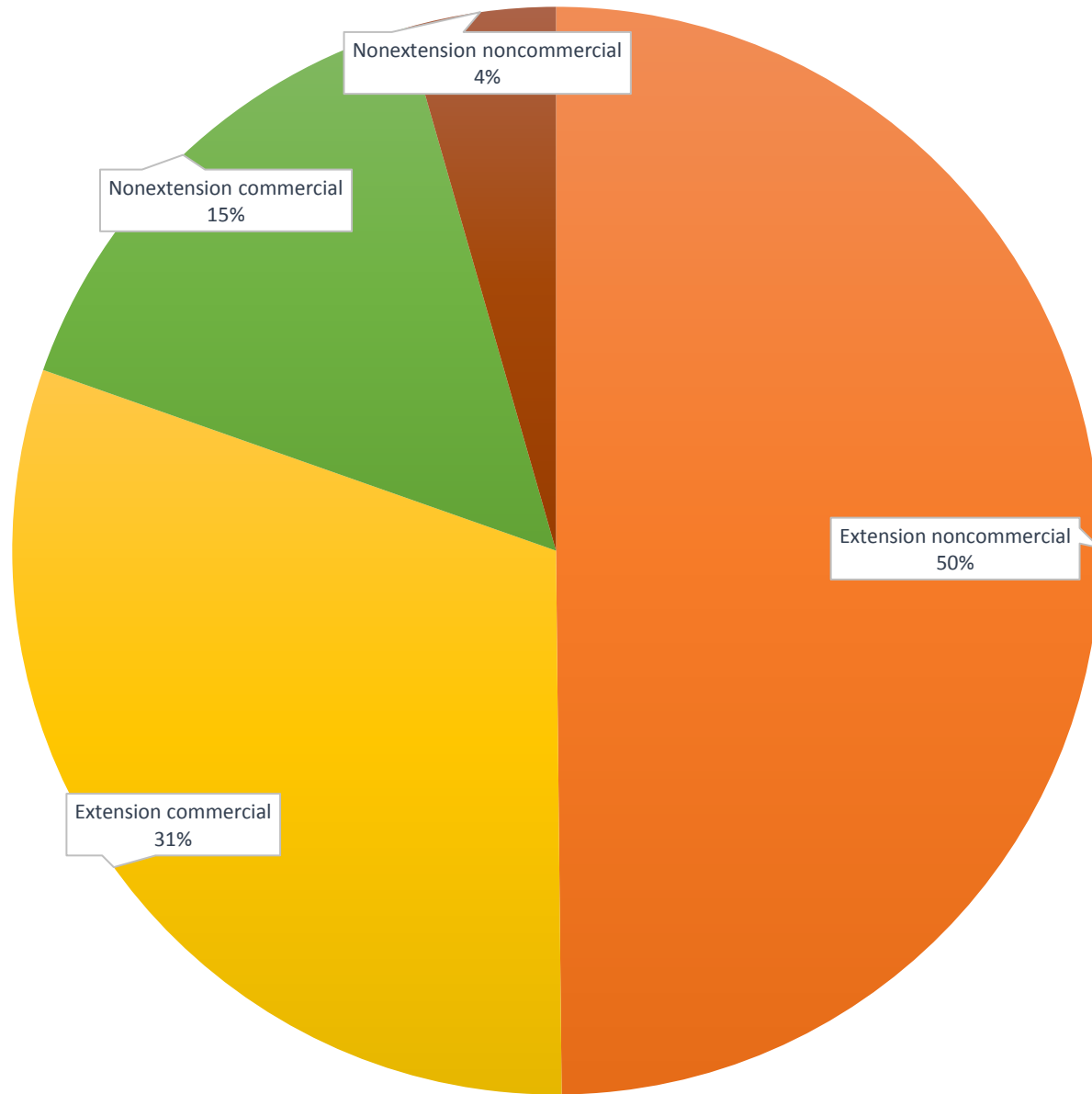
Total Samples=1215



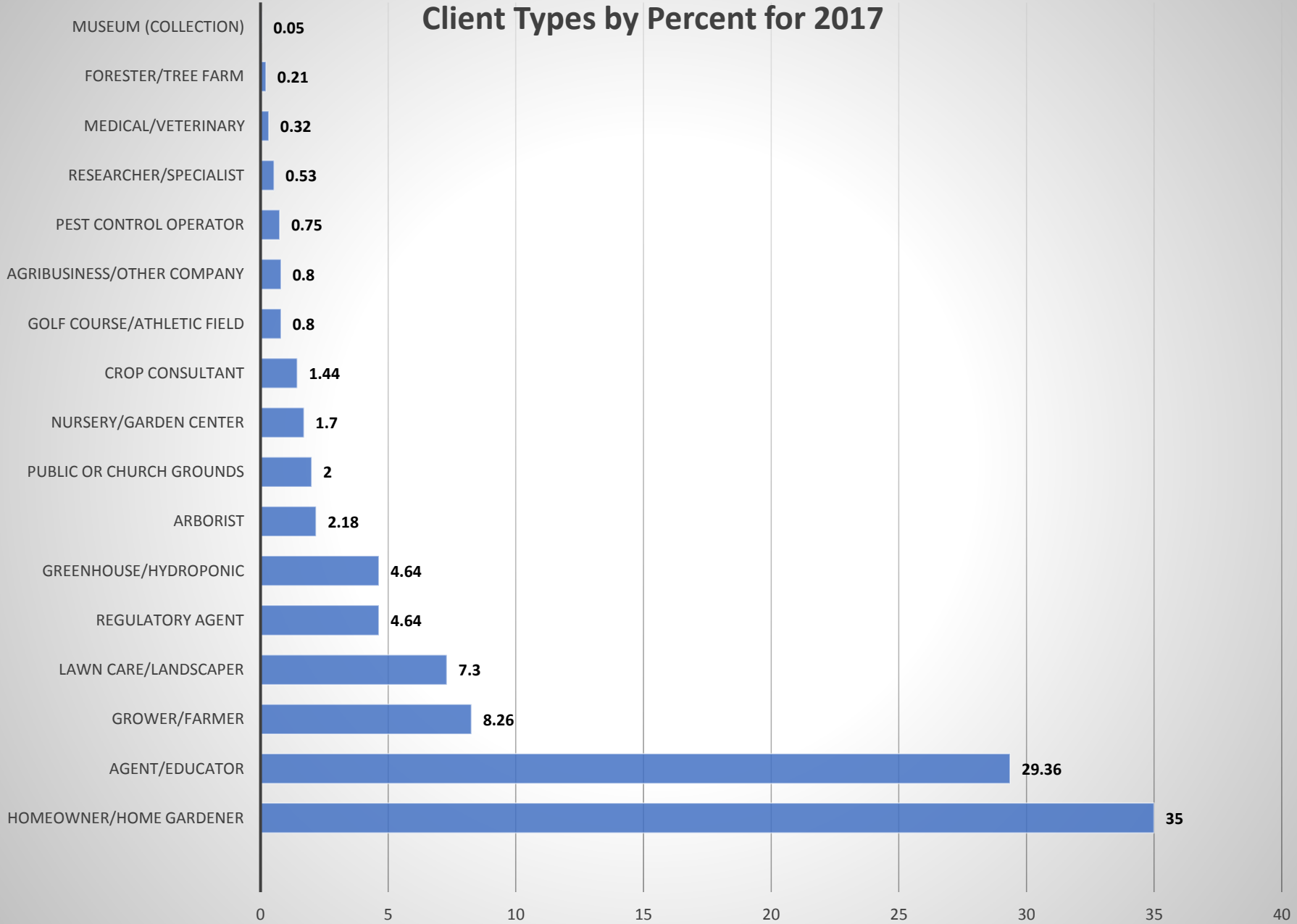
Number of Samples Per Month for the Past 5 Years



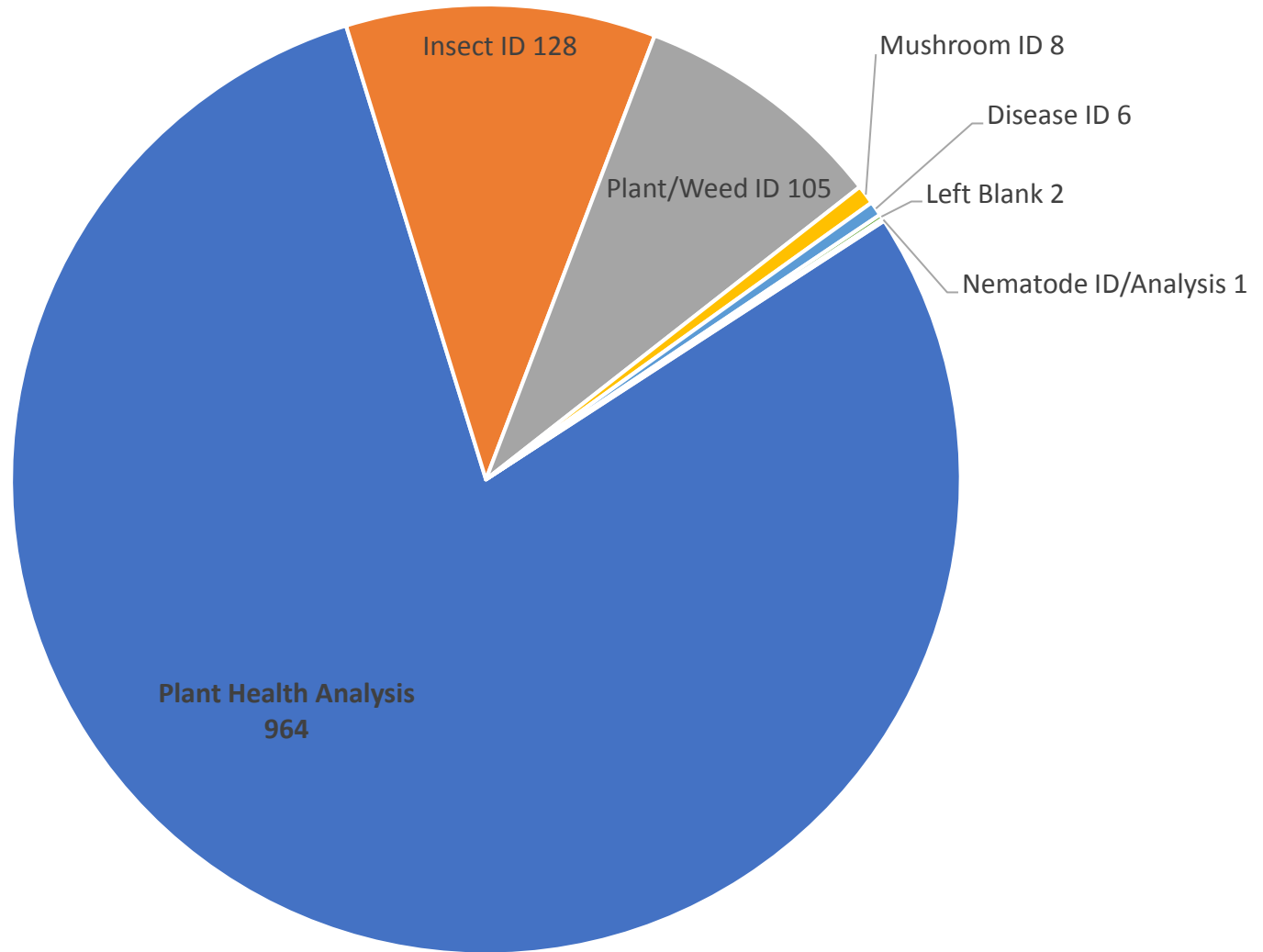
Source of Samples by Percent



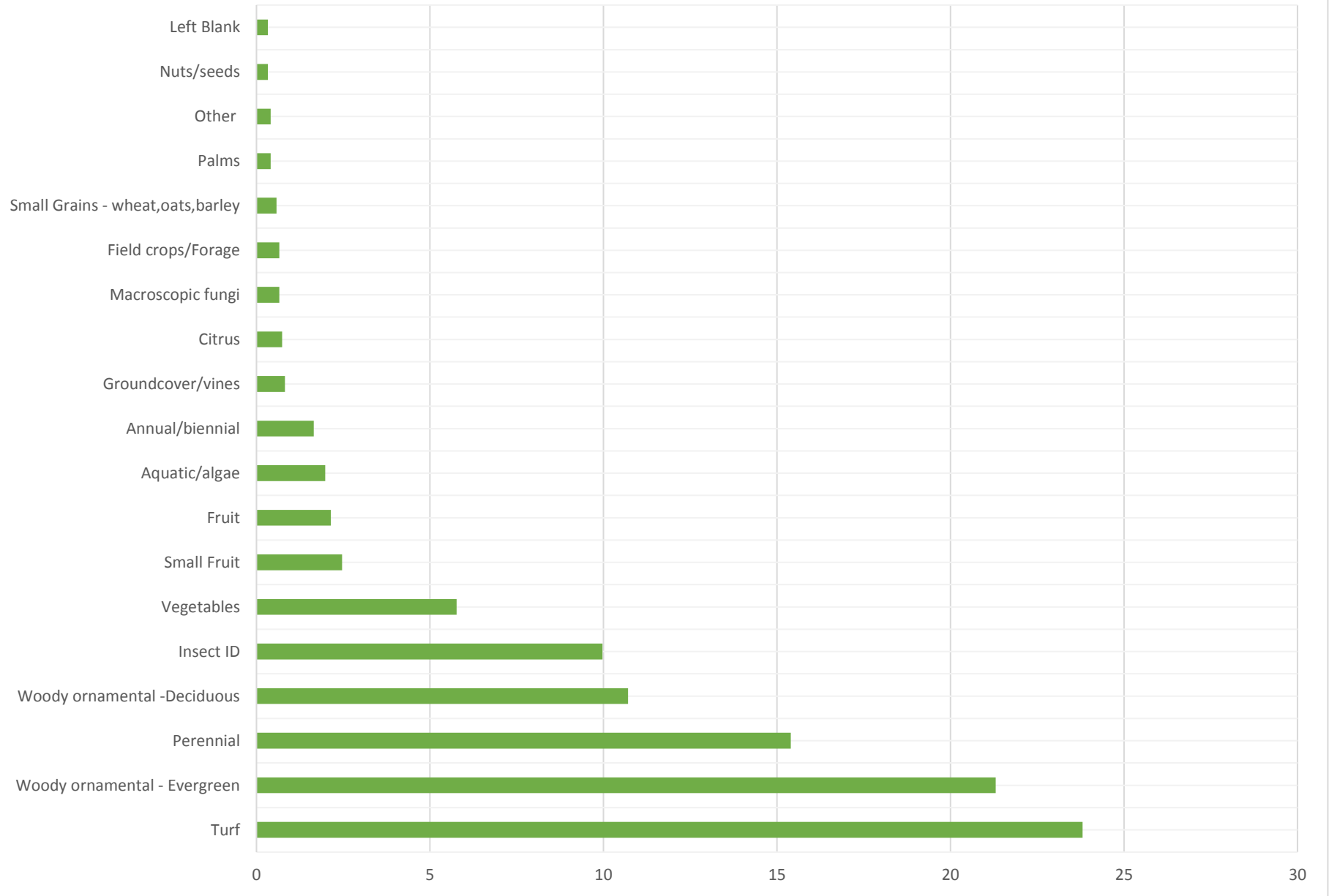
Client Types by Percent for 2017



Diagnosis Requested by Number of Samples



Crop Categories by Percent



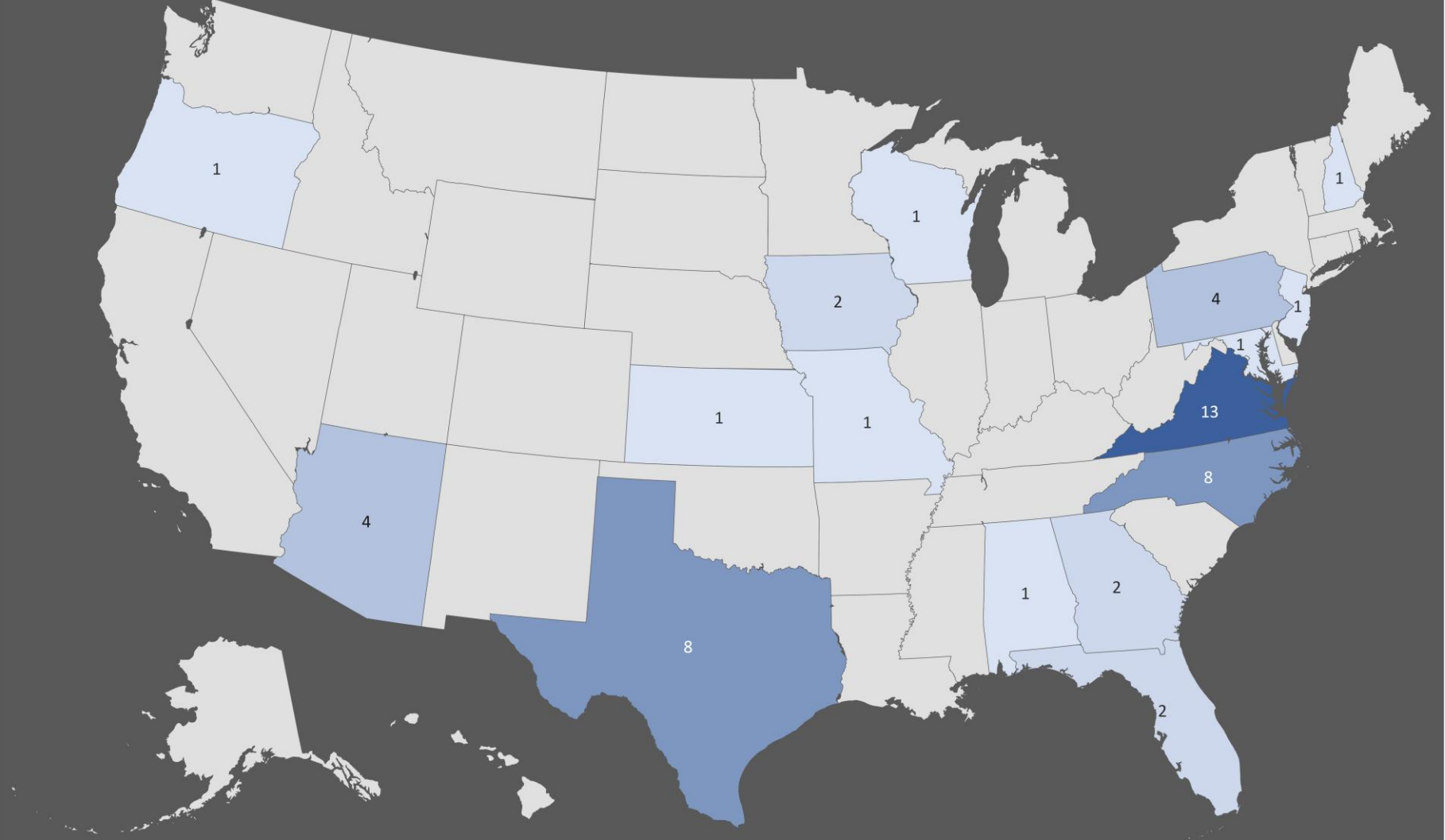
Out-of-State Samples

State	Number of Samples
Alabama	1
Arizona	4
Florida	2
Georgia	2
Iowa	2
Kansas	1
Maryland	1
Missouri	1
North Carolina	8
New Hampshire	1
New Jersey	1
Oregon	1
Pennsylvania	4
Tennessee	14
Texas	8
Virginia	13
Wisconsin	1
TOTAL	65

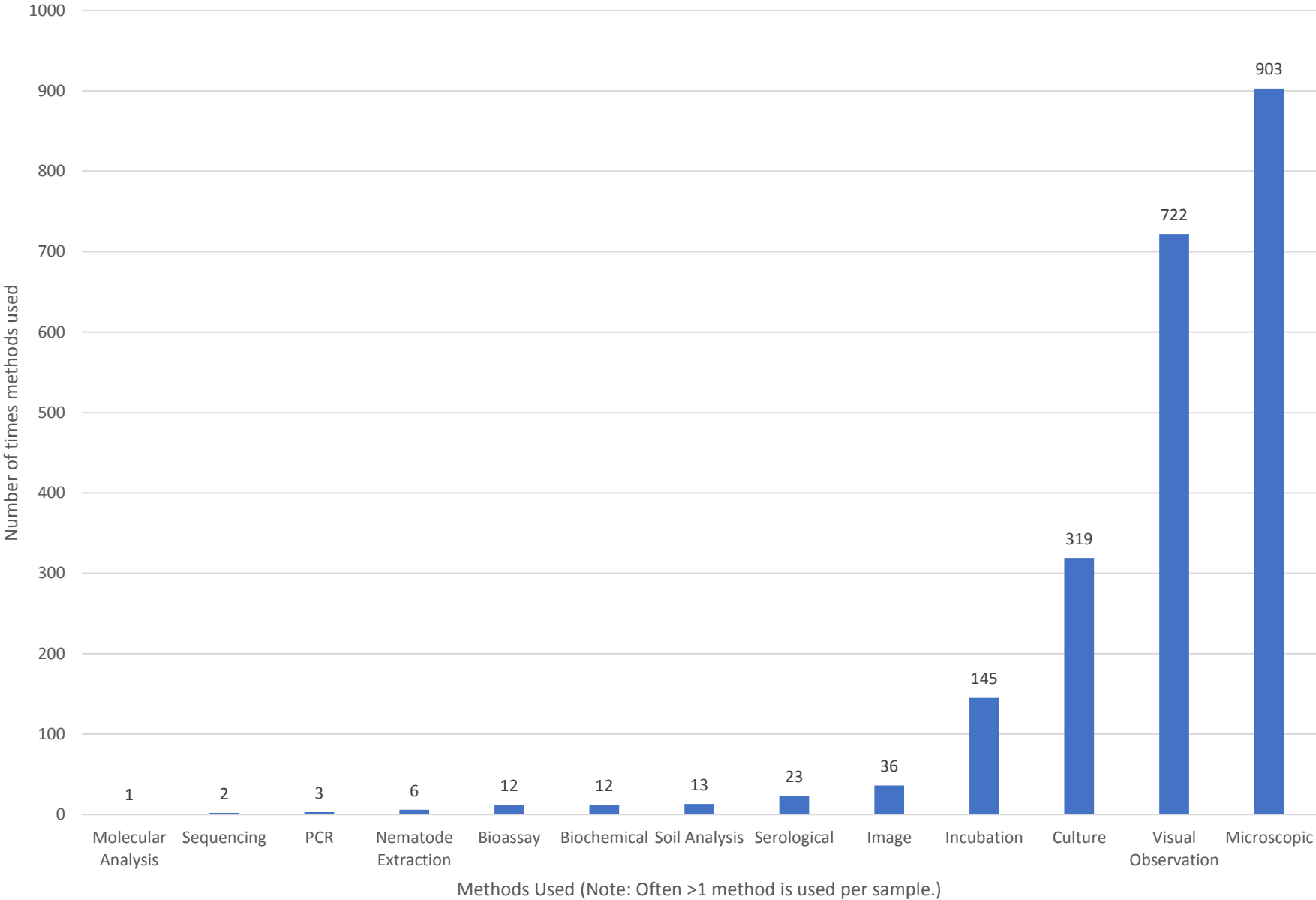
South Carolina Samples by County

County	Number of Samples	County	Number of Samples
Berkeley	12	Colleton	24
Darlington	7	Greenville	118
Greenwood	19	Lee	7
Lexington	92	Pickens	62
Richland	109	Barnwell	19
Calhoun	7	Clarendon	9
Dillon	4	Georgetown	12
Hampton	16	Laurens	13
Marion	1	Orangeburg	6
Saluda	13	Anderson	31
Allendale	2	Chester	4
Cherokee	9	Fairfield	3
Edgefield	76	Kershaw	14
Jasper	5	Newberry	17
Mccormick	1	Union	2
Sumter	36	Bamberg	10
Aiken	53	Chesterfield	3
Charleston	60	Florence	12
Dorchester	10	Lancaster	7
Horry	22	Oconee	21
Marlboro	1	York	15
Spartanburg	63		
Beaufort	122	STATE TOTAL	1149

Numbers of Out-of-State Samples in 2017

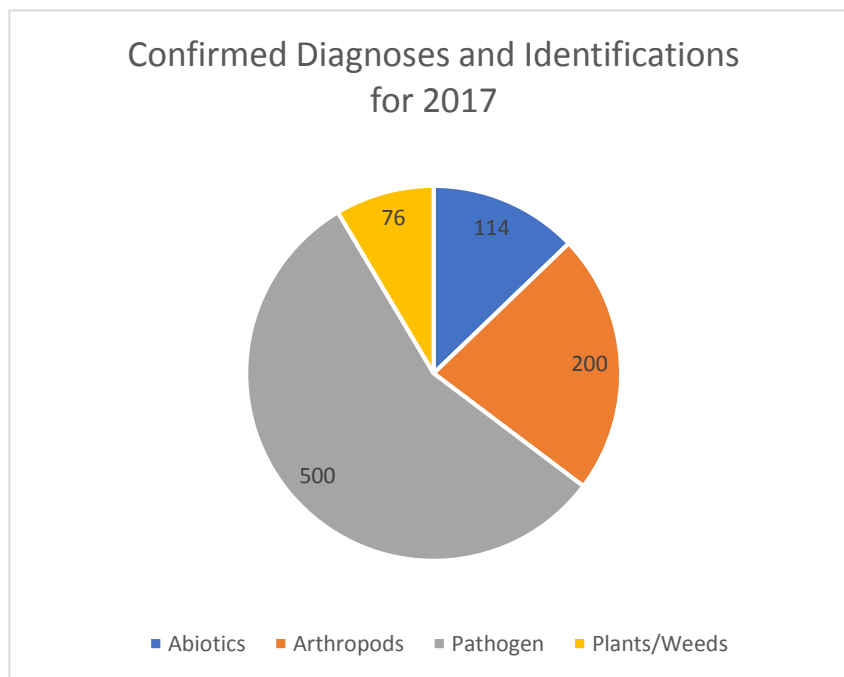


Methods used for Diagnoses in 2017



Diagnoses and Identifications of Causal Agents in 2017

Category of Causal Agent	Confirmed	Suspected	Undetermined	Not Detected	Total
Abiotics	114	283	17	0	414
Arthropods	200	40	37	1	278
Pathogen	500	94	58	78	730
Plants/Weeds	76	11	7	0	94
TOTALS	890	428	119	79	1516



Diagnoses and Identifications on Field and Pasture Crops

	Confirmed	Not Detected	Suspected	Inconclusive
Cotton (<i>Gossypium hirsutum</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Oats (<i>Avena sativa</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Peanut (<i>Arachis hypogaea</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Pythium pod rot (Pythium sp./spp.)	1	0	0	0
Rice (<i>Oryza sativa</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Smooth Groundcherry (<i>Physalis angulata</i>)	1	0	0	0
Sunflower (<i>Helianthus annuus</i>) (<i>Host,Diagnosis/ID</i>) (5,5)				
Sunflower leaf blight; Stem spot (<i>Alternariaster helianthi</i>)	2	0	0	0
Sunflower leaf spot (<i>Septoria helianthi</i>)	3	0	0	0
Soybean (<i>Glycine max</i>) (<i>Host,Diagnosis/ID</i>) (13,22)				
Anthracnose stem blight (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Anthracnose; Leaf blight (<i>Colletotrichum truncatum</i>)	1	0	0	0
Asiatic dayflower (<i>Commelina communis</i>)	1	0	0	0
Australasian soybean rust (<i>Phakopsora pachyrhizi</i>)	1	0	0	0
Charcoal rot (<i>Macrophomina phaseolina</i>)	2	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Fusarium root rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Fusarium stem rot (<i>Fusarium</i> sp./spp.)	3	0	0	0
Fusarium wilt; Fusarium wilt complex (<i>Fusarium</i> sp./spp.)	1	0	0	0
Insect damage (Unidentified Insect)	0	0	1	1
Lesser cornstalk borer (<i>Elasmopalpus lignosellus</i>)	0	0	1	0
Purple seed-stain; Leaf blight (<i>Cercospora kikuchii</i>)	1	0	0	0
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Soybean cyst nematode (<i>Heterodera glycines</i>)	2	0	0	0
Soybean frog-eye leaf spot (<i>Cercospora sojina</i>)	1	0	0	0
Stem canker (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Tropical spiderwort; Benghal dayflower (<i>Commelina benghalensis</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Wheat, Common (<i>Triticum aestivum</i>) (<i>Host,Diagnosis/ID</i>) (4,5)				
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Glume blotch (<i>Parastagonospora nodorum</i>)	1	0	0	0
Mycosphaerella leaf spot (<i>Mycosphaerella</i> sp./spp.)	0	0	1	0
Nutritional deficiency (Abiotic disorder)	1	0	0	0
Wheat powdery mildew (<i>Blumeria graminis</i> f.sp. <i>tritici</i>)	1	0	0	0

Diagnoses and Identifications on Fruits and Nuts

	Confirmed	Not Detected	Suspected	Inconclusive
Apple, common (<i>Malus sylvestris</i>) (Host,Diagnosis/ID) (3,7)				
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Butt rot (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Graft failure (Abiotic disorder)	0	0	1	0
Lichens (Lichenes)	1	0	0	0
Mechanical damage (Abiotic disorder)	1	0	0	0
Wood decay fungus (Unidentified Fungus)	0	0	0	1
Apricot (<i>Prunus armeniaca</i>) (Host,Diagnosis/ID) (1,1)				
Bacterial leaf spot (<i>Xanthomonas campestris pruni</i>)	0	0	1	0
Blackberry (<i>Rubus</i> sp./spp.) (Host,Diagnosis/ID) (2,2)				
Canker; Stem blight; Dieback (<i>Botryosphaeria dothidea</i>)	1	0	0	0
Mite damage (Unidentified Mite)	1	0	0	0
Blueberry (<i>Vaccinium</i> sp./spp.) (Host,Diagnosis/ID) (10,11)				
Crown and root rot (<i>Phytophthora</i> sp./spp.)	0	1	0	0
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Hemlock-blueberry rust (<i>Thekopsora minima</i>)	2	0	1	0
Insufficient sample (Identification Analysis)	0	0	0	1
Leaf scorch (Abiotic disorder)	0	0	1	0
Nutrient imbalance (Abiotic disorder)	0	0	1	0
Phytophthora root and crown rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0
Potassium deficiency (Abiotic disorder)	1	0	0	0
Tortricid leafrollers (Family Tortricidae)	0	0	1	0
Blueberry, Southern Highbush (<i>Vaccinium darrowii</i>) (Host,Diagnosis/ID) (1,2)				
Anthracnose; Twig dieback (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Crown and root rot (<i>Phytophthora</i> sp./spp.)	0	1	0	0
Cherry (<i>Prunus</i> sp./spp.) (Host,Diagnosis/ID) (4,5)				
Fungal wood rot (<i>Schizophyllum commune</i>)	1	0	0	0
Leaf spot (<i>Pseudocercospora</i> sp./spp.)	3	0	0	0
Shothole borer (<i>Scolytus rugulosus</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Chestnut, Chinese (<i>Castanea mollissima</i>) (Host,Diagnosis/ID) (1,3)				
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	0	1	0	0
Canker (Unidentified Agent)	0	0	0	1
Fig, common (<i>Ficus carica</i>) (Host,Diagnosis/ID) (4,5)				
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum</i> sp./spp.)	2	0	0	0
Fig rust (<i>Cerotelium fici</i>)	2	0	0	0
Passalora leaf spot (<i>Passalora</i> sp./spp.)	1	0	0	0
Grape (<i>Vitis</i> sp./spp.) (Host,Diagnosis/ID) (2,2)				
Leaf blight (<i>Pseudocercospora vitis</i>)	1	0	0	0
Summer grape (<i>Vitis aestivalis</i>)	1	0	0	0
Grape, muscadine (<i>Vitis rotundifolia</i>) (Host,Diagnosis/ID) (3,5)				
Fruit rot (Unidentified Agent)	0	0	0	1
Herbicide drift (Abiotic disorder)	0	0	1	0
Nutritional deficiency (Abiotic disorder)	0	0	1	0
Spittle bugs (Family Cercopidae)	1	0	0	0
Stem fleck (<i>Greeneria uvicola</i>)	1	0	0	0
Peach (<i>Prunus persica</i>) (Host,Diagnosis/ID) (2,3)				
Chemical injury (Abiotic disorder)	1	0	0	0
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Scale insects (Order Homoptera)	0	0	1	0
Pear (<i>Pyrus communis</i>) (Host,Diagnosis/ID) (1,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Lichens (Lichenes)	1	0	0	0
Pear, Callery (<i>Pyrus calleryana</i>) (Host,Diagnosis/ID) (1,1)				
Fire blight (<i>Erwinia amylovora</i>)	1	0	0	0
Pecan (<i>Carya illinoensis</i>) (Host,Diagnosis/ID) (4,5)				
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	1	0	1	0
Pecan leaf Phylloxera	1	0	0	0
Pecan; Hickory scab (<i>Fusicladium caryigenum</i>)	1	0	0	0
Persimmon, Japanese (<i>Diospyros kaki</i>) (Host,Diagnosis/ID) (2,2)				
Persimmon wilt (<i>Nalanthamala diospyri</i>)	0	0	1	0
Sodium toxicity (Abiotic disorder)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Pineapple (<i>Ananas comosus</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Leaf spot (Various Fungi)	1	0	0	0
Pineapple Guava (<i>Feijoa sellowiana</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Plum (<i>Prunus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (2,4)				
Chemical injury (Abiotic disorder)	0	0	1	0
Insect damage (Unidentified Insect)	0	0	0	1
Insufficient sample (Identification Analysis)	0	0	0	1
Twospotted spider mite (<i>Tetranychus urticae</i>)	1	0	0	0
Strawberry; commercial garden strawberry (<i>Fragaria x ananassa</i>) (<i>Host,Diagnosis/ID</i>) (12,17)				
Anthracnose basal rot; Crown rot (<i>Colletotrichum sp./spp.</i>)	2	0	0	0
Crown and root rot (<i>Phytophthora sp./spp.</i>)	1	0	0	0
Crown rot (<i>Botrytis sp./spp.</i>)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Damping off (<i>Fusarium sp./spp.</i>)	1	0	0	0
Fusarium crown rot (<i>Fusarium sp./spp.</i>)	1	0	0	0
Fusarium root; Crown rot (<i>Fusarium sp./spp.</i>)	2	0	0	0
House and stable flies (Family Muscidae; Diptera)	0	0	1	0
Insect damage (Unidentified Insect)	0	0	0	1
No pathogen found (Identification Analysis)	0	1	0	0
Phytophthora root and crown rot (<i>Phytophthora cactorum</i>)	1	0	0	0
Powdery mildew (<i>Podosphaera aphanis</i> var. <i>physocarp</i>)	0	0	1	0
Spider mites (Family Tetranychidae)	1	0	0	0
Strawberry angular leaf spot (<i>Xanthomonas fragariae</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Citrus Crops				
Kumquat (round and oval) (Fortunella japonica/margarita) (Host,Diagnosis/ID) (1,1)				
Twospotted spider mite (Tetranychus urticae)	1	0	0	0
Kumquat, Changshou (Fortunella obovata 'Fukushu') (Host,Diagnosis/ID) (1,1)				
Unknown (General)	0	0	0	1
Kumquat, Sweet (Fortunella crassifolia) (Host,Diagnosis/ID) (1,2)	1	0	0	0
Citrus leafminer (Phyllocnistis citrella)				
Unknown (General)	0	0	1	0
Lemon (Citrus limon) (Host,Diagnosis/ID) (4,6)				
Citrus greening huanglongbing (Asian) (Candidatus Liberibacter asiaticus)	0	1	0	0
Insufficient sample (Identification Analysis)	0	0	0	1
Leafblotch leafminers (Family Gracillariidae)	1	0	0	0
Spider mites (Family Tetranychidae)	1	0	0	0
Unidentified caterpillar (Unidentified Caterpillar)	0	0	1	0
Unknown (General)	0	0	0	1
Orange, Calamondin (X citrofortunella mitis) (Host,Diagnosis/ID) (1,1)				
Mite damage (Unidentified Mite)	0	0	0	1
Orange, Sweet (Citrus sinensis) (Host,Diagnosis/ID) (1,3)				
Citrus leafminer (Phyllocnistis citrella)	0	0	1	0
Fruit spot (Unidentified Agent)	0	0	0	1
Mite damage (Unidentified Mite)	0	0	0	1
Tangerine; Satsuma; Mandarin; (Citrus reticulata) (Host,Diagnosis/ID) (1,1)				
Insufficient sample (Identification Analysis)	0	0	0	1

Identifications of Insects, Other Arthropods and Miscellaneous Organisms from Households and other Habitats

Insect Id request (general) (*Host,Diagnosis/ID*) (96,115)

	Confirmed	Not Detected	Suspected	Inconclusive
ANTS				
Ants (Family Formicidae)	1	0	0	2
Acrobat ants (<i>Crematogaster</i> sp./spp.)	2	0	0	0
Argentine ant (<i>Linepithema humile</i>)	3	0	1	0
Field ant (<i>Formica neoclara</i>)	1	0	0	0
Pavement ant (<i>Tetramorium caespitum</i>)	1	0	0	0
Rover ant (<i>Brachymyrmex depilis</i>)	1	0	0	0
BEES AND WASPS				
Plasterer bee (<i>Colletes</i> sp.)	1	0	0	0
Ensign wasps (Family Evaniidae)	1	0	0	0
Papernest wasps (Family Vespidae)	0	0	0	1
BETLES AND WEEVILS				
Beetles (Order Coleoptera)	1	0	0	0
Black carpet beetle (<i>Attagenus unicolor</i>)	1	0	0	0
Carpet beetles (Family Dermestidae)	1	0	0	1
Cerambycid beetles (Family Cerambycidae)	1	0	0	0
Cigarette beetle (<i>Lasioderma serricorne</i>)	1	0	0	0
Confused flour beetle (<i>Tribolium confusum</i>)	1	0	0	0
Dermestid beetles (Family Dermestidae)	0	0	0	1
Drugstore beetle (<i>Stegobium paniceum</i>)	2	0	0	0
Flea beetles (Subfamily Alticinae)	1	0	0	0
Platypodid Ambrosia beetle (<i>Platypus</i> sp./spp.)	1	0	0	0
Red flour beetle (<i>Tribolium castaneum</i>)	1	0	0	0
Sap beetle (<i>Carpophilus</i> sp./spp.)	1	0	0	0
Varied carpet beetle (<i>Anthrenus verbasci</i>)	4	0	0	0
Warehouse beetle (<i>Trogoderma variabile</i>)	1	0	0	0
Granary weevil (<i>Sitophilus granarius</i>)	1	0	0	0
Granary weevil (<i>Sitophilus</i> sp./spp.)	1	0	0	0
Large pine weevil (<i>Hylobius abietis</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
BUGS, TRUE				
Assassin bugs (Family Reduviidae)	0	0	0	2
Bean plataspid (Megacopta cribraria)	1	0	0	0
Bed bug (Cimex lectularius)	4	0	0	0
Brown marmorated stink bug (Halyomorpha halys)	1	0	0	0
Lygaeid bugs (Family Lygaeidae)	2	0	0	0
Stink bugs (Family Pentatomidae)	1	0	0	0
CATERPILLARS AND MOTHS				
Greater wax moth (Galleria mellonella)	1	0	0	0
Indianmeal moth (Plodia interpunctella)	1	0	1	0
COCKROACHES				
Cuban cockroach (Panchlora nivea)	1	0	0	0
German cockroach (Blattella germanica)	3	0	0	0
Smoky brown cockroach (Periplaneta fuliginosa)	2	0	0	0
FLEAS, TICKS AND MITES				
American dog tick (Dermacentor variabilis)	1	0	0	0
Blacklegged tick (Ixodes scapularis)	1	0	0	0
Chicken mite (Dermanyssus gallinae)	0	0	1	0
Fleas (Order Siphonaptera)	2	0	0	0
Fowl mite (Ornithonyssus sp.)	1	0	0	0
Lone star tick (Amblyomma americanum)	1	0	0	0
FLIES, MIDGES, GNATS AND MOSQUITOS				
Aquatic midge (Chironomus sp./spp.)	1	0	0	0
Black soldier fly (Hermetia illucens)	2	0	0	0
FLIES, MIDGES, GNATS AND MOSQUITOS				
Culicid mosquitos (Family Culicidae)	2	0	0	0
Darkwinged fungus gnats (Family Sciaridae sp./spp.)	1	0	0	0
Flesh fly (Sarcophaga sp./spp.)	1	0	0	0
Humpbacked flies (Family Phoridae)	5	0	0	0
Humpbacked fly (Megaselia scalaris)	1	0	0	0
Psychodid drain fly (Clogmia albipunctata)	1	0	0	0
MULCH (HABITAT) (Host,Diagnosis/ID) (1,1)				
Earthworm (Amynthus sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
SPIDERS				
Ground spider (Family Gnaphosidae; Araneae)	1	0	0	0
Spitting spider (Scytodes thoracica)	1	0	0	0
TERMITES				
Drywood termites (Family Kalotermitidae)	1	0	0	0
Eastern subterranean termite (Reticulitermes flavipes)	2	0	1	0
Formosan subterranean termite (Coptotermes formosanus)	3	0	0	0
Subterranean termite (Reticulitermes sp./spp.)	2	0	0	0
MISCELLANEOUS IDENTIFICATIONS				
Amphipod landhopper; Land shrimp (Arcitalitrus sylvaticus)	1	0	0	0
Barklice (Order Psocoptera)	0	0	0	1
Earwigs (Order Dermaptera)	0	0	0	1
Eastern Fence Lizard (Sceloporus undulates)	0	0	1	0
Forficulid (Common) earwigs (Family Forficulidae)	0	0	0	1
Insects (Class insecta)	1	0	0	0
No insect found (Identification Analysis)	0	1	0	0
No pest found (Identification Analysis)	0	11	0	0
Oribatid mites (Family Oribatidae; Acari)	1	0	0	0
Roundworm (Ascaris sp./spp.)	0	0	1	0
Slugs (Mollusca; Gastropoda)	1	0	0	0
Springtails (Order Collembola)	2	0	0	2
Thrips (Order Thysanoptera)	1	0	0	1
Dog (Canis familiaris) (Host, Diagnosis/ID) (1,1)				
Insufficient sample (Identification Analysis)	0	0	0	1

Diagnoses and Identifications on Ornamentals and Trees

	Confirmed	Not Detected	Suspected	Inconclusive
African Violet (<i>Saintpaulia</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Impatiens necrotic spot (INSV) (Tospovirus Impatiens Necrotic Spot Virus)	1	0	0	0
Alternanthera; Joseph's coat (<i>Alternanthera ficoidea</i>) (Host,Diagnosis/ID) (1,1)				
Kyoto moth (<i>Autosticha kyotensis</i>)	1	0	0	0
Anemone (<i>Anemone</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Bacterial blight (Unidentified Bacteria)	0	0	1	0
Anise Tree (<i>Illicium</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Armillaria root rot (<i>Armillaria</i> sp./spp.)	1	0	0	0
Aralia (<i>Aralia</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Arborvitae (<i>Thuja</i> sp./spp.) (Host,Diagnosis/ID) (2,4)				
Branch girdling (Abiotic disorder)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Dieback; Canker (<i>Seiridium</i> sp./spp.)	1	0	0	0
Mechanical damage (Abiotic disorder)	1	0	0	0
Arborvitae, Green Giant (<i>Thuja standishii</i> x <i>plicata</i>) (Host,Diagnosis/ID) (7,7)				
Cultural/environmental problem (Abiotic disorder)	0	0	4	0
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Herbicide drift (Abiotic disorder)	0	0	1	0
Pestalotiopsis needle blight; Tip blight (<i>Pestalotiopsis</i> sp./spp.)	1	0	0	0
Arborvitae; Northern white cedar (<i>Thuja occidentalis</i>) (Host,Diagnosis/ID) (9,9)				
Armillaria root rot (<i>Armillaria</i> sp./spp.)	1	0	0	0
Butt rot (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	0	6	0	0
Asters (<i>Aster</i> sp./spp. hybrids) (Host,Diagnosis/ID) (1,1)				
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Aucuba, Japanese (<i>Aucuba japonica</i>) (Host,Diagnosis/ID) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Azalea; Rhododendron (<i>Rhododendron</i> sp./spp.) (Host,Diagnosis/ID) (12,17)				
Azalea lace bug (<i>Stephanitis pyrioides</i>)	3	0	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	1	0	2	0
Glyphosate injury (Abiotic disorder)	0	0	1	0
Insect damage (Unidentified Insect)	0	0	0	1
Leaf and flower gall (<i>Exobasidium</i> sp./spp.)	1	0	0	0
Leaf spot (<i>Pseudocercospora</i> sp./spp.)	2	0	0	0
Mite damage (Unidentified Mite)	2	0	0	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Powdery mildew (<i>Oidium</i> sp./spp.)	1	0	0	0
Sunscald (Abiotic disorder)	1	0	0	0
Bamboo, Hedge (<i>Bambusa multiplex</i>) (Host,Diagnosis/ID) (1,1)				
Bamboo diaspidid scale (<i>Kuwanaspis pseudoleucaspis</i>)	0	0	1	0
Banana Shrub (<i>Michelia figo</i>) (Host,Diagnosis/ID) (1,1)				
False oleander scale (<i>Pseudaulacaspis cockerelli</i>)	1	0	0	0
Beautyberry (<i>Callicarpa dichotoma</i>) (Host,Diagnosis/ID) (1,1)				
No pathogen found (Identification Analysis)	0	0	0	1
Begonia, Angel-wing (<i>Begonia coccinea</i>) (Host,Diagnosis/ID) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Begonia, Wax (<i>Begonia semperflorens-cultorum</i>) (Host,Diagnosis/ID) (1,1)				
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Black Gum (<i>Nyssa sylvatica</i>) (Host,Diagnosis/ID) (3,6)				
Anthracnose; Twig dieback (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Black twig borer (<i>Xylosandrus compactus</i>)	0	0	1	0
Cottony camellia scale (<i>Pulvinaria floccifera</i>)	1	0	0	0
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
<i>Nyssa sylvatica</i> (Black Gum)	1	0	0	0
Whiteflies (Family Aleyrodidae)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Boxwood (Buxus sp./spp.) (Host,Diagnosis/ID) (23,38)				
Anthracnose; Twig dieback (Colletotrichum sp./spp.)	2	1	0	0
Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	0	6	0	0
Boxwood leafminer (Monarthropalpus flavus (buxi))	0	0	1	0
Boxwood Macrophoma leaf spot (Dothiorella candollei)	6	0	0	0
Boxwood mite (Eurytetranychus buxi)	1	0	2	0
Boxwood Volutella blight; Canker (Volutella buxi)	2	0	0	0
Cottony camellia scale (Pulvinaria floccifera)	1	0	0	0
Crown and root rot (Phytophthora sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	3	0
English boxwood decline (Clonostachys buxi)	1	0	0	0
Freeze; Frost; Cold damage (Abiotic disorder)	1	0	0	0
Leaf and stem blight (Volutella pachysandrae)	1	0	0	0
No pathogen found (Identification Analysis)	0	2	0	0
Oleander scale (Aspidiotus nerii)	0	0	1	0
Phyllosticta leaf spot (Phyllosticta sp./spp.)	1	0	0	0
Phytophthora root and crown rot (Phytophthora cactorum)	1	0	0	0
Phytophthora root and crown rot (Phytophthora cinnamomi)	1	0	0	0
Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Boxwood, Common (Buxus sempervirens) (Host,Diagnosis/ID) (4,9)				
Boxwood leafminer (Monarthropalpus flavus (buxi))	1	0	0	0
Boxwood mite (Eurytetranychus buxi)	0	0	2	0
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Excessive water (Abiotic disorder)	1	0	0	0
Lesion nematodes (Pratylenchus sp./spp.)	1	0	0	0
Mite damage (Unidentified Mite)	0	0	0	1
Phytophthora crown and/or root rot (Phytophthora nicotianae)	1	0	0	0
Boxwood, Edging (Buxus sempervirens suffruticosa) (Host,Diagnosis/ID) (9,15)				
Boxwood blight; Leaf and stem blight (Calonectria pseudonaviculata)	0	5	0	0
Boxwood Macrophoma leaf spot (Dothiorella candollei)	2	0	0	0
Boxwood mite (Eurytetranychus buxi)	0	0	1	0
Crown and root rot (Phytophthora sp./spp.)	2	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Boxwood, Edging (<i>Buxus sempervirens suffruticosa</i>) (<i>Host,Diagnosis/ID</i>) (9,15)				
Fusarium root rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Insufficient sample (Identification Analysis)	0	0	0	1
Macrophoma blight; Dieback (<i>Macrophoma</i> sp./spp.)	1	0	0	0
Mites (Order Acari)	1	0	0	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Boxwood, Korean (<i>Buxus sinica</i> var. <i>insularis</i>) (<i>Host,Diagnosis/ID</i>) (2,5)				
Anthraxnose stem blight (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Boxwood Macrophoma leaf spot (<i>Dothiorella candollei</i>)	1	0	0	0
Boxwood Volutella blight; Canker (<i>Volutella buxi</i>)	1	0	0	0
Root-knot nematodes (<i>Meloidogyne</i> sp./spp.)	1	0	0	0
Spiral nematodes (<i>Helicotylenchus</i> sp./spp.)	1	0	0	0
Boxwood, Littleleaf (<i>Buxus microphylla</i>) (<i>Host,Diagnosis/ID</i>) (4,6)				
Black twig borer (<i>Xylosandrus compactus</i>)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
No pathogen found (Identification Analysis)	0	1	0	0
Phytophthora crown and/or root rot (<i>Phytophthora nicotianae</i>)	1	0	0	0
Root problem (Unknown Cause)	0	0	1	0
Buckthorn; Mock orange (<i>Bumelia</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Cynipid gall wasps (<i>Acraspis</i> sp./spp.)	1	0	0	0
Bugle-weed (<i>Ajuga</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Phoma blight; Dieback; Rot (<i>Phoma</i> sp./spp.)	1	0	0	0
Bugleweed (ground cover) (<i>Ajuga reptans</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Southern stem rot (<i>Sclerotium rolfsii</i>)	1	0	0	0
Butterfly Bush (<i>Buddleia</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Calla Lily (<i>Zantedeschia</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,2)				
Bacterial blight (Unidentified Bacteria)	0	0	0	1
Bacterial soft rot (Unidentified Bacterium)	0	0	0	1

	Confirmed	Not Detected	Suspected	Inconclusive
Camellia (Camellia sp./spp.) (Host,Diagnosis/ID) (1,2)				
Canker (Unidentified Agent)	0	0	0	1
Crown and root rot (Phytophthora sp./spp.)	0	1	0	0
Camellia, Common (Camellia japonica) (Host,Diagnosis/ID) (7,13)				
Algal leaf spot (Cephaleuros virescens)	2	0	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Crown and root rot (Phytophthora sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	1	0	1	0
Leaf spot (Pestalotiopsis sp./spp.)	1	0	0	0
Nutrient imbalance (Abiotic disorder)	0	0	1	0
Spider mites (Family Tetranychidae)	1	0	0	0
Sunscald (Abiotic disorder)	0	0	1	0
Tea scale (Fiorinia theae)	2	0	0	0
Unidentified virus (Unidentified Virus)	0	0	0	1
Camellia, Sasanqua (Camellia sasanqua) (Host,Diagnosis/ID) (5,7)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Leaf scorch (Abiotic disorder)	0	0	1	0
Leaf spot (Pestalotiopsis sp./spp.)	1	0	0	0
Nutritional deficiency (Abiotic disorder)	0	0	1	0
Oedema; Edema (Abiotic disorder)	2	0	0	0
Canna Lily (Canna x generalis) (Host,Diagnosis/ID) (3,3)				
Bacterial leaf spot (Acidovorax avenae avenae)	2	0	0	0
Leaf rust; Rust (Puccinia sp./spp.)	1	0	0	0
Cedar, Blue Atlas (Cedrus atlantica glauca) (Host,Diagnosis/ID) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Cherry-laurel (Prunus laurocerasus) (Host,Diagnosis/ID) (3,4)				
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
Phytophthora root and crown rot (Phytophthora cinnamomi)	1	0	0	0
Shothole (Various Pathogens)	0	0	0	1
Spider mites (Family Tetranychidae)	1	0	0	0
Cherry, Okame (Prunus x incamp hybrid) (Host,Diagnosis/ID) (1,1)				
Leaf spot (Pseudocercospora sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
China Fir (<i>Cunninghamia lanceolata</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Leaf spot (<i>Pestalotiopsis</i> sp./spp.)	1	0	0	0
Chinese Elm (<i>Ulmus parvifolia</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Dieback; Canker (<i>Seiridium</i> sp./spp.)	1	0	0	0
Tortricid leafrollers (Family Tortricidae)	1	0	0	0
Chinese Fringe flower (<i>Loropetalum chinense</i>) (<i>Host,Diagnosis/ID</i>) (3,3)				
Armillaria root rot; Butt rot (<i>Armillaria</i> sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Leaf spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Chinese Ground orchid (<i>Bletilla striata</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Insufficient sample (Identification Analysis)	0	0	0	1
Chrysanthemum (<i>Chrysanthemum</i> sp./spp. hybrids) (<i>Host,Diagnosis/ID</i>) (1,1)				
No pathogen found (Identification Analysis)	0	1	0	0
Clematis (<i>Clematis</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,3)				
Botrytis blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Clematis wilt; Leaf spot (<i>Phoma clematidina</i>)	1	0	0	0
Crown rot; Collar rot (<i>Thielaviopsis basicola</i>)	1	0	0	0
Cleyera, Japanese (<i>Ternstroemia gymnanthera</i>) (<i>Host,Diagnosis/ID</i>) (3,4)				
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	3	0
Coneflower (<i>Echinacea</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (3,3)				
Chemical injury (Abiotic disorder)	1	0	0	0
Fusarium wilt; Fusarium wilt complex (<i>Fusarium</i> sp./spp.)	1	0	0	0
Insufficient sample (Identification Analysis)	0	0	0	1
Coneflower, Purple (<i>Echinacea purpurea</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Additional sample requested (Identification Analysis)	0	0	0	1
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Coreopsis, Tickseed (Coreopsis sp./spp.) (Host,Diagnosis/ID) (5,6)				
Bacterial leaf spot (Acidovorax konjaci)	1	0	0	0
Botrytis blight (Botrytis sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	1	0	0	0
Unknown (General)	0	0	0	1
Crape Myrtle (Lagerstroemia indica) (Host,Diagnosis/ID) (4,5)				
Crapemyrtle aphid (Sarucallis (Tinocallis) kahawaluokalani)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Herbicide carryover (Abiotic disorder)	0	0	1	0
Powdery mildew (Erysiphe lagerstroemiae)	1	0	0	0
Cryptomeria; Japanese Cedar (Cryptomeria japonica) (Host,Diagnosis/ID) (7,12)				
Conifer needle blight (Passalora sequoiae)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	1	0	5	0
Maskell scale (Lepidosaphes pallida)	1	0	0	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Pestalotiopsis needle blight; Tip blight (Pestalotiopsis sp./spp.)	1	0	0	0
Seiridium dieback; Canker (Seiridium sp./spp.)	1	0	0	0
Seiridium canker (Seiridium unicorne)	1	0	0	0
Cypress (Cupressus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Cypress, Arizona (Cupressus arizonica) (Host,Diagnosis/ID) (1,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Seasonal leaf drop (Abiotic disorder)	1	0	0	0
Cypress, Carolina Sapphire (Cupressus arizonica glabra) (Host,Diagnosis/ID) (3,3)				
Cultural/environmental problem (Abiotic disorder)	0	0	3	0
Cypress, Italian (Cupressus sempervirens) (Host,Diagnosis/ID) (2,4)				
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	0	0	1	0
Mite damage (Unidentified Mite)	1	0	0	1
Seiridium canker (Seiridium unicorne)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Cypress, Leyland (X cupressocyparis leylandii) (Host,Diagnosis/ID) (9,13)				
Arborvitae; Cypress twig blight (Passalora sequoiae)	1	0	0	0
Conifer needle blight (Passalora sequoiae)	2	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	3	0
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	1	0
Insect damage (Unidentified Insect)	0	0	0	1
Pestalotiopsis canker/ dieback (Pestalotiopsis sp./spp.)	1	0	0	0
Seasonal leaf drop (Abiotic disorder)	1	0	0	0
Seiridium canker (Seiridium unicorne)	2	0	0	0
Cypress, Monterey (Cupressus macrocarpa) (Host,Diagnosis/ID) (1,1)				
Needle cast; Blight (Passalora sequoiae)	1	0	0	0
Daylily (Hemerocallis sp./spp. hybrids) (Host,Diagnosis/ID) (2,4)				
Anthrachnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Daylily rust (Puccinia hemerocallidis)	1	0	0	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Fusarium root rot (Fusarium sp./spp.)	1	0	0	0
Dogwood (Cornus sp./spp.) (Host,Diagnosis/ID) (2,4)				
Brown felt (Septobasidium sp./spp.)	1	0	0	0
Cottony camellia scale (Pulvinaria floccifera)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Oystershell scale (Lepidosaphes ulmi)	1	0	0	0
Dogwood, flowering (Cornus florida) (Host,Diagnosis/ID) (10,18)				
Cultural/environmental problem (Abiotic disorder)	1	0	2	0
Dieback (Unidentified Fungus)	0	0	0	2
Leaf spot (Pseudocercospora sp./spp.)	2	0	0	0
Mechanical damage (Abiotic disorder)	0	0	2	0
Natural senescence (Abiotic disorder)	3	0	0	0
Nutritional deficiency (Abiotic disorder)	1	0	0	0
Powdery mildew (Oidium sp./spp.)	0	0	1	0
Septoria leaf spot (Septoria sp./spp.)	3	0	0	0
Spot anthracnose (Elsinoe corni)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Dogwood; kousa (<i>Cornus kousa</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Eastern Hemlock (<i>Tsuga canadensis</i>) (<i>Host,Diagnosis/ID</i>) (2,4)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Elongate hemlock scale (<i>Fiorinia externa</i>)	1	0	0	0
Nalpella tsugifoliae, Hemlock rust mite	1	0	0	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Eastern Redbud (<i>Cercis canadensis</i>) (<i>Host,Diagnosis/ID</i>) (2,4)				
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Leaf spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Tortricid leafrollers (Family Tortricidae)	0	0	1	0
Eucalyptus (<i>Eucalyptus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Dothiorella leaf spot (<i>Dothiorella</i> sp./spp.)	0	0	1	0
Euonymus (<i>Euonymus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Euonymus scale (<i>Unaspis euonymi</i>)	1	0	0	0
Falsecypress (<i>Chamaecyparis</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Seiridium canker (<i>Seiridium unicorne</i>)	1	0	0	0
Fatsia, Japanese Aralia (<i>Fatsia japonica</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Spider mites (Family Tetranychidae)	1	0	0	0
Fern, bamboo (<i>Coniogramme japonica</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Cercospora leaf spot (<i>Cercospora coniogrammes</i>)	1	0	0	0
Fern, Cinnamon (<i>Osmunda cinnamomea</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Fern, Japanese painted (<i>Athyrium niponicum</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Stem rot (Unidentified Agent)	0	0	0	1
Fern, remote wood (<i>Dryopteris remota</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Fig (ornamental) (<i>Ficus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Moss (General)	0	0	0	1

	Confirmed	Not Detected	Suspected	Inconclusive
Fothergilla (Fothergilla sp./spp.) (Host,Diagnosis/ID) (1,2)				
Cultural/environmental problem (Abiotic disorder)	1	0	0	0
Nutritional deficiency (Abiotic disorder)	1	0	0	0
Fothergilla; Witch Alder (Fothergilla gardenii) (Host,Diagnosis/ID) (1,2)				
Japanese beetle (Popillia japonica)	0	0	1	0
Phytophthora root and crown rot (Phytophthora cinnamomi)	1	0	0	0
Frangipani; Plumeria (Plumeria sp./spp.) (Host,Diagnosis/ID) (1,1)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Gaillardia (Gaillardia sp./spp.) (Host,Diagnosis/ID) (1,1)				
Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	1	0	0	0
Gardenia (Gardenia sp./spp. hybrids) (Host,Diagnosis/ID) (7,11)				
Chemical injury (Abiotic disorder)	0	0	1	0
Crown and root rot (Unidentified Agent)	0	0	0	1
Cultural/environmental problem (Abiotic disorder)	0	0	4	0
No pathogen found (Identification Analysis)	0	1	0	0
Nutritional deficiency (Abiotic disorder)	0	0	1	0
Phomopsis dieback; Tip blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Spider mites (Family Tetranychidae)	1	0	0	0
Wood decay fungus (Unidentified Fungus)	0	0	0	1
Gardenia, common (Gardenia augusta) (Host,Diagnosis/ID) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Gardenia, Cape jasmine (Gardenia jasminoides) (Host,Diagnosis/ID) (7,13)				
Crown and root rot (Phytophthora sp./spp.)	5	0	0	0
Freeze; Frost; Cold damage (Abiotic disorder)	1	0	0	0
Fusarium stem rot (Fusarium sp./spp.)	1	0	0	0
Physiological responses (Abiotic disorder)	0	0	1	0
Planting too deep (Abiotic disorder)	1	0	0	0
Root-knot nematodes (Meloidogyne sp./spp.)	3	0	0	0
Southern stem rot (Sclerotium rolfsii)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Geranium, House (Pelargonium x hortorum) (Host,Diagnosis/ID) (1,3)				
Iron toxicity (Abiotic disorder)	0	0	1	0
Low pH; Nutrient imbalance (Abiotic disorder)	0	0	1	0
Manganese toxicity (Abiotic disorder)	0	0	1	0
Gerber Daisy; African daisy (Gerbera sp./spp.) (Host,Diagnosis/ID) (2,2)				
Bacterial soft rot (Unidentified Bacterium)	0	0	0	1
Polypore mushroom (Family Polyporaceae)	0	0	0	1
Ginkgo (Ginkgo biloba) (Host,Diagnosis/ID) (2,2)				
Alternaria leaf spot (Alternaria sp./spp.)	1	0	0	0
Crown rot (Unidentified Fungus)	0	0	0	1
Goat's Rue (Tephrosia virginiana) (Host,Diagnosis/ID) (1,2)				
Black bean aphid (Aphis solanella (fabae))	1	0	0	0
Western flower thrips (Frankliniella occidentalis)	1	0	0	0
Golden Larch (Pseudolarix amabilis) (Host,Diagnosis/ID) (1,1)				
Seasonal leaf drop (Abiotic disorder)	0	0	1	0
Goldenrod (Solidago sp./spp.) (Host,Diagnosis/ID) (1,1)				
No pathogen found (Identification Analysis)	0	1	0	0
Grace Ward lithodora (Lithodora diffusa) (Host,Diagnosis/ID) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Grasses, Ornamental				
Lovegrass (Eragrostis sp./spp.) (Host,Diagnosis/ID) (1,1)				
Sensitive Partridge Pea (Chamaecrista nictitans)	1	0	0	0
Mexican Feathergrass; ponytail (Nassella tenuissima) (Host,Diagnosis/ID) (1,3)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Fusarium root rot (Fusarium sp./spp.)	1	0	0	0
Root rot (Bipolaris sorokiniana)	1	0	0	0
Purple Fountaingrass (Pennisetum setaceum) (Host,Diagnosis/ID) (1,1)				
Leaf spot (Bipolaris sorokiniana)	1	0	0	0
Hickory (Carya sp./spp.) (Host,Diagnosis/ID) (2,2)				
Phytophthora root and crown rot (Phytophthora cinnamomi)	1	0	0	0
Wood boring insect damage (Unidentified Wood Boring Insect)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Holly (Ilex sp./spp.) (Host,Diagnosis/ID) (1,1)				
Tea scale (Fiorinia theae)	1	0	0	0
Holly, American (Ilex opaca) (Host,Diagnosis/ID) (2,4)				
Branch canker and dieback (Unidentified Agent)	0	0	0	2
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Dipterous leafminers (General)	1	0	0	0
Holly, Chinese (Ilex cornuta) (Host,Diagnosis/ID) (3,4)				
Cottony camellia scale (Pulvinaria floccifera)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
Tea scale (Fiorinia theae)	1	0	0	0
Holly, Dahoon; Youpon (Ilex cassine) (Host,Diagnosis/ID) (3,4)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Excessive water (Abiotic disorder)	0	0	1	0
Root problem (Unknown Cause)	0	0	0	1
Twolined spittlebug (Prosapia bicincta)	0	0	1	0
Holly, Foster (Ilex x attenuata fosteri) (Host,Diagnosis/ID) (1,1)				
Twolined spittlebug (Prosapia bicincta)	0	0	1	0
Holly, Heller; mushroom holly (Ilex crenata helleri) (Host,Diagnosis/ID) (1,1)				
Japanese maple scale (Lopholeucaspis japonica)	1	0	0	0
Holly, Hybrid (Ilex hybrid) (Host,Diagnosis/ID) (1,1)				
Glyphosate injury (Abiotic disorder)	0	0	1	0
Holly, Japanese (Ilex crenata) (Host,Diagnosis/ID) (5,7)				
Black root rot (Thielaviopsis basicola)	2	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	2	0	0	0
Phomopsis dieback; Tip blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Holly, Lusterleaf (Ilex latifolia) (Host,Diagnosis/ID) (1,2)				
Nutritional deficiency (Abiotic disorder)	0	0	1	0
Tea scale (Fiorinia theae)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Holly, Nellie R. Stevens (Ilex aquifolium x cornuta Nellie R. Stevens) <i>(Host,Diagnosis/ID) (1,1)</i>				
Black twig borer (Xylosandrus compactus)	1	0	0	0
Holly, Savannah (Ilex attenuata) (Host,Diagnosis/ID) (1,1)				
No pathogen found (Identification Analysis)	0	1	0	0
Holly, Yaupon (Ilex vomitoria) (Host,Diagnosis/ID) (2,2)				
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
Phytophthora root and crown rot (Phytophthora cinnamomi)	1	0	0	0
Hollyhock (Alcea rosea) (Host,Diagnosis/ID) (1,2)				
Common thrips (Family Thripidae)	1	0	0	0
Twospotted spider mite (Tetranychus urticae)	1	0	0	0
Horsetail (Equisetum sp./spp.) (Host,Diagnosis/ID) (2,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Rhizoctonia stem and root rot (Rhizoctonia sp./spp.)	1	0	0	0
Hosta (Hosta sp./spp.) (Host,Diagnosis/ID) (7,9)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Bacterial soft rot (Pectobacterium carotovorum carotovorum)	1	0	0	0
Bacterial soft rot (Unidentified Bacterium)	0	0	0	1
Chemical injury (Abiotic disorder)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Fusarium crown rot (Fusarium sp./spp.)	2	0	0	0
Physiological responses (Abiotic disorder)	0	0	1	0
Unidentified virus (Unidentified Virus)	0	0	0	1
Hoya (Hoya sp./spp.) (Host,Diagnosis/ID) (1,1)				
Mealybugs (Family Pseudococcidae)	1	0	0	0
Hydrangea (Hydrangea sp./spp.) (Host,Diagnosis/ID) (6,8)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Cercospora leaf spot (Cercospora sp./spp.)	1	0	0	0
Corynespora leaf spot (Corynespora sp./spp.)	1	0	1	0
Crown and root rot (Phytophthora sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	0	0	0	1
Pythium root and/or crown rot (Pythium sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Hydrangea, oakleaf (<i>Hydrangea quercifolia</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Bacterial leaf spot (<i>Xanthomonas campestris</i>)	1	0	0	0
Leaf-eating beetles (Order Coleoptera)	1	0	0	0
Ice Plant (<i>Delosperma sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Pythium root and/or crown rot (<i>Pythium sp./spp.</i>)	1	0	0	0
Indian Hawthorn (<i>Raphiolepis indica</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Entomosporium leaf spot (<i>Entomosporium sp./spp.</i>)	1	0	0	0
Ivy (<i>Hedera sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Phytophthora crown and/or root rot (<i>Phytophthora nicotianae</i>)	1	0	0	0
Ivy, English (<i>Hedera helix</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum sp./spp.</i>)	1	0	0	0
Japanese Rush; sweet flag (<i>Acorus gramineus</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Leptosphaeria leaf spot (<i>Phaeosphaeria acori</i>)	1	0	0	0
Japanese Spurge (<i>Pachysandra terminalis</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Leaf and stem blight (<i>Volutella pachysandrae</i>)	1	0	0	0
Volutella canker; Leaf blight (<i>Pseudonectria pachysandricola</i>)	1	0	0	0
Japanese Yew (<i>Podocarpus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (8,10)				
Cultural/environmental problem (Abiotic disorder)	0	0	4	0
Dieback; Canker; Twig blight (<i>Botryosphaeria sp./spp.</i>)	0	0	1	0
Leaf spot (<i>Pestalotiopsis sp./spp.</i>)	1	0	0	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Phytophthora root and crown rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0
Pythium root and/or crown rot (<i>Pythium sp./spp.</i>)	1	0	0	0
Root problem (Unknown Cause)	0	0	1	0
Jasmine, Asiatic (<i>Trachelospermum asiaticum</i>) (<i>Host,Diagnosis/ID</i>) (4,6)				
No pathogen found (Identification Analysis)	0	1	0	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Pythium root and/or crown rot (<i>Pythium sp./spp.</i>)	3	0	0	0
Rhizoctonia stem rot (<i>Rhizoctonia solani</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Jasmine, Confederate, Star jasmine (Trachelospermum jasminoides) (Host,Diagnosis/ID) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Joe-pye Weed; purple boneset (Eupatorium purpureum) (Host,Diagnosis/ID) (1,1)				
Armillaria root rot; Butt rot (Armillaria sp./spp.)	0	0	1	0
Juniper (Juniperus sp./spp.) (Host,Diagnosis/ID) (3,3)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	0	1	0	0
Juniper, blue rug; Wilton carpet (Juniperus horizontalis wiltoni) (Host,Diagnosis/ID) (1,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Mite damage (Unidentified Mite)	1	0	0	0
Knotweed; Smartweed (Polygonum sp./spp.) (Host,Diagnosis/ID) (1,1)				
Field dodder (Cuscuta pentagona)	1	0	0	0
Lenten Rose (Helleborus orientalis) (Host,Diagnosis/ID) (2,3)				
Anthrachnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Aphids; Plant lice (Family Aphididae)	0	0	0	1
Hellebore black death (Carlavirus (HeNV))	1	0	0	0
Leucothoe (Leucothoe sp./spp.) (Host,Diagnosis/ID) (2,3)				
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
Phomopsis dieback; Tip blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Root problem (Unknown Cause)	0	0	0	1
Ligustrum; Privet (Ligustrum sp./spp.) (Host,Diagnosis/ID) (4,4)				
Glyphosate injury (Abiotic disorder)	0	0	1	0
Leaf spot (Pseudocercospora sp./spp.)	2	0	0	0
Planting too deep (Abiotic disorder)	1	0	0	0
Ligustrum; Privet, Japanese (Ligustrum japonicum) (Host,Diagnosis/ID) (3,6)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Leaf spot (Pseudocercospora sp./spp.)	2	0	0	0
Low pH; Nutrient imbalance (Abiotic disorder)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Ligustrum; Privet, Japanese (Ligustrum japonicum) (Host,Diagnosis/ID) (3,6)				
Oedema; Edema (Abiotic disorder)	1	0	0	0
Sunscald (Abiotic disorder)	0	0	1	0
Ligustrum; Privet, Wax-leaf (Ligustrum texanum) (Host,Diagnosis/ID) (1,2)				
Leaf spot (Pseudocercospora sp./spp.)	1	0	0	0
Leaf spot (Unknown cause)	0	0	0	1
Lilac (Syringa sp./spp.) (Host,Diagnosis/ID) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Lily (Lilium sp./spp.) (Host,Diagnosis/ID) (3,4)				
Bacterial soft rot (Unidentified Bacterium)	0	0	0	1
Mechanical damage (Abiotic disorder)	0	0	1	0
Phytophthora root and basal stem rot (Phytophthora nicotianae)	1	0	0	0
Pythium root and/or crown rot (Pythium sp./spp.)	1	0	0	0
Lily, Oriental (Lilium orientalis) (Host,Diagnosis/ID) (1,1)				
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Lily-of-the-nile (Agapanthus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Fusarium root rot (Fusarium sp./spp.)	1	0	0	0
Lilyturf; Bordergrass (Liriope sp./spp.) (Host,Diagnosis/ID) (4,6)				
Anthracnose basal rot; Crown rot (Colletotrichum sp./spp.)	1	0	0	0
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Fusarium basal rot (Fusarium sp./spp.)	1	0	0	0
Pythium root and/or crown rot (Pythium sp./spp.)	1	0	0	0
Unknown (General)	0	0	0	1
Loquat (Eriobotrya japonica) (Host,Diagnosis/ID) (5,9)				
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	2	0	1	0
Leaf spot (Pestalotiopsis sp./spp.)	2	0	0	0
Phomopsis leaf spot (Phomopsis sp./spp.)	1	0	0	0
Yellow-bellied sapsucker (Sphyrapicus varius)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Loropetalum; Chinese fringe flower (Loropetalum chinense) (Host,Diagnosis/ID) (1,2)				
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Phomopsis leaf spot (Phomopsis sp./spp.)	1	0	0	0
Magnolia (Magnolia sp./spp.) (Host,Diagnosis/ID) (4,6)				
False oleander scale (Pseudaulacaspis cockerelli)	1	0	0	0
Magnolia leaf spot (Passalora magnoliae)	0	0	1	0
Magnolia leafminer (Phyllocnistis magnoliella)	0	0	1	0
Powdery mildew (Oidium sp./spp.)	1	0	0	0
Scale insects (Order Homoptera)	1	0	0	0
Wood boring insect damage (Unidentified Wood Boring Insect)	1	0	0	0
Magnolia, Lily (Magnolia liliiflora (quinquepeta)) (Host,Diagnosis/ID) (2,2)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Tuliptree scale (Toumeyella liriodendri)	1	0	0	0
Magnolia, Southern (Magnolia grandiflora) (Host,Diagnosis/ID) (11,17)				
Algal leaf spot (Cephaleuros virescens)	1	0	0	0
Anthracnose (Colletotrichum acutatum)	1	0	0	0
Anthracnose stem blight (Colletotrichum sp./spp.)	1	0	0	0
Armored scales (Family Diaspididae)	0	0	0	1
Black twig borer (Xylosandrus compactus)	2	0	2	0
False oleander scale (Pseudaulacaspis cockerelli)	2	0	0	0
Gall wasps (Family Cynipidae)	0	0	0	1
Hydrophobic soil/planting mix/media (Abiotic disorder)	1	0	0	0
Magnolia serpentine leafminer (Phyllocnistis magnoliella)	1	0	0	0
Nutrient imbalance (Abiotic disorder)	1	0	1	0
Root problem (Unknown Cause)	0	0	1	0
Wood boring insect damage (Unidentified Wood Boring Insect)	0	0	1	0
Maple (Acer sp./spp.) (Host,Diagnosis/ID) (5,6)				
Armillaria root rot (Armillaria sp./spp.)	1	0	0	0
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	1	0
Environmental stress; Problem (Abiotic disorder)	1	0	0	0
Maple leaf spot (Phyllosticta minima)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Maple (Acer sp./spp.) (Host,Diagnosis/ID) (5,6)				
Trunk decay; Rot (Unidentified Fungus)	0	0	1	0
Maple, Japanese (Acer palmatum) (Host,Diagnosis/ID) (8,11)				
Chemical injury (Abiotic disorder)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	0	0	3	0
Dieback; Canker (Diplodia sp./spp.)	1	0	0	0
Dieback; Canker (Nectria sp./spp.)	1	0	0	0
Drainage problem (Abiotic disorder)	1	0	0	0
Gloomy scale (Melanaspis tenebricosa)	1	0	0	0
Phomopsis leaf spot (Phomopsis sp./spp.)	1	0	0	0
Phyllosticta leaf spot (Phyllosticta sp./spp.)	1	0	0	0
Pythium root and/or crown rot (Pythium sp./spp.)	1	0	0	0
Maple, Red (Acer rubrum) (Host,Diagnosis/ID) (4,6)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Bacterial leaf scorch (Xylella fastidiosa)	0	1	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Phyllosticta leaf spot (Phyllosticta sp./spp.)	2	0	0	0
Mexican False heather (Cuphea hyssopifolia) (Host,Diagnosis/ID) (1,2)				
Powdery mildew (Oidium sp./spp.)	1	0	0	0
Pythium root and/or crown rot (Pythium sp./spp.)	1	0	0	0
Milkweed (Asclepias perennis) (Host,Diagnosis/ID) (1,2)				
Black root rot (Thielaviopsis basicola)	1	0	0	0
Crown rot (Unidentified Fungus)	0	0	0	1
Milkweed, swamp (Asclepias incarnata) (Host,Diagnosis/ID) (2,2)				
Fungal canker (Various Fungi)	0	0	1	0
Rust (Uromyces sp./spp.)	1	0	0	0
Mixed Plant material (unspecified) (Host,Diagnosis/ID) (1,1)				
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
Mondgrass; Dwarf lily turf (Ophiopogon japonicus) (Host,Diagnosis/ID) (3,4)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Hairy crabweed; Fatoua (Fatoua villosa)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Mondgrass; Dwarf lily turf (Ophiopogon japonicus) (Host,Diagnosis/ID) (3,4)				
No pathogen found (Identification Analysis)	1	0	0	0
Phytophthora dieback; Blight (Phytophthora sp./spp.)	0	1	0	0
Mulberry, White (Morus alba) (Host,Diagnosis/ID) (1,2)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Phyllosticta leaf spot (Phyllosticta sp./spp.)	0	0	1	0
Mullein (Verbascum sp./spp.) (Host,Diagnosis/ID) (1,1)				
Crown rot; Root rot; Stem rot (Phytophthora sp./spp.)	1	0	0	0
Nandina; Heavenly Bamboo (Nandina domestica) (Host,Diagnosis/ID) (1,2)				
Anthracnose; Twig dieback (Colletotrichum sp./spp.)	1	0	0	0
Leaf spot (Pseudocercospora sp./spp.)	1	0	0	0
Nippon Daisy (Nipponanthemum nipponicum) (Host,Diagnosis/ID) (1,2)				
Bacterial blight (Dickeya chrysanthemi)	1	0	0	0
Bacterial blight (Unidentified Bacteria)	0	0	0	1
Oak (Quercus sp./spp.) (Host,Diagnosis/ID) (10,16)				
Anthracnose (Discula quercina)	0	0	1	0
Discula anthracnose (Discula sp./spp.)	0	0	1	0
Leaf spot (Diplodina sp.)	1	0	0	0
Leaf spot (Unidentified Fungus)	0	0	0	1
Leafblotch leafminers (Family Gracillariidae)	1	0	0	0
Lecanium scales (Lecanium sp./spp.)	1	0	0	0
Mechanical damage (Abiotic disorder)	0	0	1	0
Oak leaf blister (Taphrina caerulescens)	4	0	1	0
Oak wilt (Ceratocystis fagacearum)	1	0	0	0
Pine oak gall rust (Cronartium quercuum)	1	0	0	0
Tar spot (Phyllachora sp./spp.)	1	0	0	0
Unidentified caterpillar (Unidentified Caterpillar)	1	0	0	0
Oak, Chinese Evergreen (Quercus myrsinifolia) (Host,Diagnosis/ID) (1,2)				
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Phomopsis dieback; Tip blight; Canker (Phomopsis sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Oak, Live (<i>Quercus virginiana</i>) (Host,Diagnosis/ID) (2,2)				
Black twig borer (<i>Xylosandrus compactus</i>)	1	0	0	0
Gouty oak gall wasp (<i>Callirhytis quercus</i>)	0	0	1	0
Oak, Northern Red (<i>Quercus rubra</i>) (Host,Diagnosis/ID) (1,2)				
Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	1	0	0	0
Leaf spot (<i>Tubakia</i> sp./spp.)	1	0	0	0
Oak, Pin (<i>Quercus palustris</i>) (Host,Diagnosis/ID) (3,5)				
Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	2	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Leaf scorch (Abiotic disorder)	0	0	1	0
Pine oak gall rust (<i>Cronartium quercuum</i>)	1	0	0	0
Oak, Post (<i>Quercus stellata</i>) (Host,Diagnosis/ID) (1,2)				
Anthraxnose (<i>Discula quercina</i>)	1	0	0	0
Leaf spot (<i>Tubakia dryina</i>)	1	0	0	0
Oak, Red (<i>Quercus falcata</i>) (Host,Diagnosis/ID) (3,3)				
Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	1	0	0	0
Basidiomycete (Unidentified Basidiomycete)	0	0	0	1
Oak leaf blister (<i>Taphrina caerulescens</i>)	1	0	0	0
Oaks, Red (<i>Quercus</i> sp./spp. red) (Host,Diagnosis/ID) (1,3)				
Drought stress damage (Abiotic disorder)	0	0	1	0
Pseudoscorpion (<i>Pseudoscorpiones</i> sp./spp.)	1	0	0	0
Woodboring weevils (Family Curculionidae)	1	0	0	0
Oak, Turkey (<i>Quercus laevis</i>) (Host,Diagnosis/ID) (1,3)				
Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	0	1	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Leaf spot (<i>Tubakia</i> sp./spp.)	1	0	0	0
Oak, Water (<i>Quercus nigra</i>) (Host,Diagnosis/ID) (7,13)				
Anthraxnose (<i>Discula quercina</i>)	1	0	0	0
Gall wasps (Family Cynipidae)	1	0	0	0
Leaf spot (<i>Tubakia dryina</i>)	1	0	0	0
Leaf-eating beetles (Order Coleoptera)	1	0	0	0
Oak wilt (<i>Ceratocystis fagacearum</i>)	3	0	0	0
Twospotted spider mite (<i>Tetranychus urticae</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Oak, Water (<i>Quercus nigra</i>) (<i>Host,Diagnosis/ID</i>) (7,13)				
Wood boring insect damage (Unidentified Wood Boring Insect)	3	0	0	2
Oak, White (<i>Quercus alba</i>) (<i>Host,Diagnosis/ID</i>) (4,6)				
Anthrachnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Bacterial leaf scorch (<i>Xylella fastidiosa</i>)	0	1	0	0
Dipterous leafminers (General)	1	0	0	0
Leaf spot (<i>Tubakia dryina</i>)	1	0	0	0
Solitary oak leafminer (<i>Cameraria hamadryadella</i>)	2	0	0	0
Oak, Willow (<i>Quercus phellos</i>) (<i>Host,Diagnosis/ID</i>) (2,6)				
Anthrachnose (<i>Discula quercina</i>)	1	0	0	0
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Leaf spot (<i>Tubakia dryina</i>)	1	0	0	0
Leaf spot (<i>Tubakia</i> sp./spp.)	1	0	0	0
Lecanium scales (<i>Lecanium</i> sp./spp.)	1	0	0	0
Oregon Grape (<i>Mahonia bealei</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Palm, Areca; butterfly palm (<i>Chrysalidocarpus (dypsis) lutescens</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Anthrachnose stem blight (Colletotrichum sp./spp.)	1	0	0	0
Bacterial soft rot (Unidentified Bacterium)	0	0	0	1
Palm, Pindo; jelly palm (<i>Butia capitata</i>) (<i>Host,Diagnosis/ID</i>) (2,3)				
Armillaria root rot/ mushroom rot (<i>Armillaria tabescens</i>)	0	0	1	0
Leaf spot (<i>Pestalotiopsis</i> sp./spp.)	1	0	0	0
Undetermined injury (Identification Analysis)	0	0	0	1
Palm, Windmill (<i>Trachycarpus fortunei</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Nutritional deficiency (Abiotic disorder)	0	0	1	0
Pansy (<i>Viola wittrockiana</i>) (<i>Host,Diagnosis/ID</i>) (5,12)				
Black leg; Pythium stem rot (<i>Pythium</i> sp./spp.)	2	0	0	0
Black root rot (<i>Thielaviopsis basicola</i>)	1	0	0	0
Botrytis blight (<i>Botrytis</i> sp./spp.)	2	0	0	0
Green peach aphid (<i>Myzus persicae</i>)	0	0	1	0
Insect damage (Unidentified Insect)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Pansy (<i>Viola wittrockiana</i>) (<i>Host,Diagnosis/ID</i>) (5,12)				
Nutritional deficiency (Abiotic disorder)	0	0	4	0
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Peony (<i>Paeonia</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,3)				
Bacterial identification (<i>Pantoea agglomerans</i>)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Peruvian Lily (<i>Alstroemeria</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,4)				
Botrytis blight (<i>Botrytis</i> sp./spp.)	2	0	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	2	0
Phlox Moss; pink phlox (<i>Phlox subulata</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Chemical injury (Abiotic disorder)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Phlox, Perennial (<i>Phlox paniculata</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Phytophthora stem rot (<i>Phytophthora nicotianae</i> var. <i>parasitica</i>)	2	0	0	0
Pine (<i>Pinus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Maskell scale (<i>Lepidosaphes pallida</i>)	1	0	0	0
Pine, Eastern White (<i>Pinus strobus</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
Pine, Japanese Black (<i>Pinus thunbergiana</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Phytophthora root and crown rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0
Pine, Japanese Red (<i>Pinus densiflora</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
Pine, Loblolly (<i>Pinus taeda</i>) (<i>Host,Diagnosis/ID</i>) (2,4)				
Anthracnose needle blight (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Colaspis crysomelid (<i>Colaspis</i> sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	0	1	0	0
Pine, Longleaf (<i>Pinus palustris</i>) (<i>Host,Diagnosis/ID</i>) (2,3)				
Pine tortoise scale (<i>Toumeyella parvicornis</i>)	1	0	0	0
Redheaded pine sawfly (<i>Neodiprion lecontei</i>)	1	0	0	0
Spruce bud scale (<i>Physokermes</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Pineapple Sage (<i>Salvia elegans</i>) (Host,Diagnosis/ID) (1,3)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Mealybug destroyer (<i>Cryptolaemus montrouzieri</i>)	1	0	0	0
No pathogen found (Identification Analysis)	0	1	0	0
Pinks (<i>Dianthus sp./spp.</i>) (Host,Diagnosis/ID) (5,10)				
Alternaria leaf spot (<i>Alternaria sp./spp.</i>)	1	0	0	0
Chemical injury (Abiotic disorder)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Insect damage (Unidentified Insect)	0	0	0	1
No pathogen found (Identification Analysis)	0	1	0	1
Root and or pot bound (Abiotic disorder)	1	0	0	0
Twospotted spider mite (<i>Tetranychus urticae</i>)	2	0	0	0
Pittosporum (<i>Pittosporum sp./spp.</i>) (Host,Diagnosis/ID) (1,3)				
Brown lacewings (Family Hemerobiidae)	1	0	0	0
Oribatid mites (Family Oribatidae; Acari)	1	0	0	0
Tortricid leafrollers (Family Tortricidae)	1	0	0	0
Pittosporum, Japanese (<i>Pittosporum tobira</i>) (Host,Diagnosis/ID) (5,6)				
Alternaria leaf spot (<i>Alternaria sp./spp.</i>)	3	0	0	0
Angular leaf spot (<i>Cercospora sp./spp.</i>)	1	0	0	0
Oedema; Edema (Abiotic disorder)	0	0	1	0
Psyllid (<i>Cacopsylla tobirae</i>)	1	0	0	0
Plum, Purpleleaf (<i>Prunus cerasifera atropurpurea</i>) (Host,Diagnosis/ID) (1,1)				
Leafeating beetles (Order Coleoptera)	0	0	1	0
Plum-yew (<i>Cephalotaxus harringtonia</i>) (Host,Diagnosis/ID) (1,1)				
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
Poinsettia (<i>Euphorbia pulcherrima</i>) (Host,Diagnosis/ID) (1,1)				
Scorch (Abiotic disorder)	1	0	0	0
Rose (<i>Rosa sp./spp.</i>) (Host,Diagnosis/ID) (11,13)				
Armillaria root rot (<i>Armillaria sp./spp.</i>)	1	0	0	0
Armillaria root rot; Butt rot (<i>Armillaria sp./spp.</i>)	1	0	0	0
Black spot (Rose) (<i>Diplocarpon rosae</i>)	2	0	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Rose (<i>Rosa</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (11,13)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Glyphosate injury (Abiotic disorder)	0	0	1	0
Greedy scale (<i>Hemiberlesia rapax</i>)	1	0	0	0
Nutritional deficiency (Abiotic disorder)	0	0	1	0
Rose rosette disease (RRV) (<i>Emaravirus</i> Rose Rosette Virus)	0	1	0	0
Spider mites (Family Tetranychidae)	1	0	0	0
Twig blight (<i>Fusicoccum</i> sp./spp.)	1	0	0	0
Whiteflies (Family Aleyrodidae)				
Rose, Lady Bank's (<i>Rosa banksiae</i>) (<i>Host,Diagnosis/ID</i>) (1,2)	1	0	0	0
Black spot (Rose) (<i>Diplocarpon rosae</i>)	1	0	0	0
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Red-tip Photinia (<i>Photinia fraseri</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Entomosporium leaf spot (<i>Entomosporium</i> sp./spp.)	1	0	0	0
Rhododendron (<i>Rhododendron</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
River Birch (<i>Betula nigra</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Normal plant growth (Identification Analysis)	1	0	0	0
Rudbeckia (<i>Rudbeckia</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,2)				
Septoria leaf spot (<i>Septoria</i> sp./spp.)	1	0	0	0
Unidentified virus (Unidentified Virus)	0	0	0	1
Rudbeckia; Blackeyed Susan (<i>Rudbeckia hirta</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Crown and root rot (Unidentified Agent)	0	0	0	1
Nutritional deficiency (Abiotic disorder)	0	0	1	0
Sago Palm (<i>Cycas revoluta</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Seven Sons flower (<i>Heptacodium miconioides</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
Southern Bayberry; wax myrtle (<i>Myrica cerifera</i>) (<i>Host,Diagnosis/ID</i>) (2,3)				
Anthracnose; Twig dieback (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cercospora leaf spot (<i>Cercospora</i> sp./spp.)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Southern Bayberry; wax myrtle (<i>Myrica cerifera</i>) (Host,Diagnosis/ID) (2,3)				
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Speedwell (<i>Veronica</i> sp./spp.) (Host,Diagnosis/ID) (2,2)				
Fusarium stem rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	0	1	0	0
Spirea, Bridalwreath (<i>Spiraea prunifolia</i>) (Host,Diagnosis/ID) (1,1)				
Phyllosticta leaf spot (<i>Phyllosticta</i> sp./spp.)	1	0	0	0
Spruce, Blue (<i>Picea pungens</i>) (Host,Diagnosis/ID) (1,1)				
Cultural/environmental problem (Abiotic disorder)	1	0	0	0
Spruce, Colorado Blue (<i>Picea pungens fastigiata</i>) (Host,Diagnosis/ID) (1,1)				
Needle blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Stewartia (<i>Stewartia</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Wood boring insect damage (Unidentified Wood Boring Insect)	1	0	0	0
Stonecrop (<i>Sedum</i> sp./spp.) (Host,Diagnosis/ID) (3,8)				
Bacterial soft rot (<i>Pantoea agglomerans</i>)	1	0	0	0
Bacterial soft rot (Unidentified Bacterium)	0	0	1	1
Botrytis blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Freeze; Frost; Cold damage (Abiotic disorder)	1	0	2	0
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Stromanthe (<i>Stromanthe sanguinea</i>) (Host,Diagnosis/ID) (2,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Swedish Ivy (<i>Plectranthus</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Fusarium stem rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Sweet Box (<i>Sarcococca</i> sp./spp.) (Host,Diagnosis/ID) (1,2)				
Fusarium stem rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Volutella leaf blight; Dieback (<i>Volutella</i> sp./spp.)	0	0	0	1
Sweet Olive; tea olive (<i>Osmanthus fragrans</i>) (Host,Diagnosis/ID) (5,6)				
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	0	2	0	2

	Confirmed	Not Detected	Suspected	Inconclusive
Sycamore; Planetree (Platanus sp./spp.) (Host,Diagnosis/ID) (2,6)				
Bacterial leaf scorch (Xylella fastidiosa)	1	0	0	0
Powdery mildew (Microsphaera sp./spp.)	0	0	1	0
Septoria leaf spot (Septoria sp./spp.)	1	0	1	0
Sycamore lace bug (Corythucha ciliata)	1	0	1	0
Tricyrtis; Toad Lily (Tricyrtis sp./spp.) (Host,Diagnosis/ID) (1,1)				
Foliar nematodes (Aphelenchoides sp./spp.)	0	0	0	1
Viburnum (Viburnum sp./spp.) (Host,Diagnosis/ID) (6,9)				
Cultural/environmental problem (Abiotic disorder)	0	0	3	0
Insufficient sample (Identification Analysis)	0	0	0	1
No pathogen found (Identification Analysis)	0	2	0	0
Phomopsis dieback; Tip blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Sooty mold (Unidentified Fungus)	0	0	0	1
Stem canker (Unidentified Canker)	0	0	0	1
Viburnum, Laurustinus (Viburnum tinus) (Host,Diagnosis/ID) (1,1)				
No pathogen found (Identification Analysis)	0	0	0	1
Viburnum, Sandankwa (Viburnum suspensum) (Host,Diagnosis/ID) (2,3)				
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
Viburnum downy mildew (Plasmopara viburni)	2	0	0	0
Viburnum, Sweet (Viburnum odoratissimum) (Host,Diagnosis/ID) (1,1)				
Branch girdling (Abiotic disorder)	1	0	0	0
Vinca, Annual; Madagascar Periwinkle; vinca (Catharanthus roseus) (Host,Diagnosis/ID) (3,4)				
Crown rot; Root rot; Stem rot (Phytophthora sp./spp.)	1	0	0	0
Fusarium canker (Fusarium sp./spp.)	1	0	0	0
Hydrophobic soil/planting mix/media (Abiotic disorder)	1	0	0	0
Southern stem rot (Sclerotium rolfsii)	1	0	0	0
Vinca; Periwinkle (Vinca sp./spp.) (Host,Diagnosis/ID) (1,1)				
Pythium root and/or crown rot (Pythium sp./spp.)	1	0	0	0
Violets (Viola sp./spp.) (Host,Diagnosis/ID) (3,5)				
Aphids (Plant lice) (Family Aphididae)	1	0	0	0
Black root rot (Thielaviopsis basicola)	1	0	0	0
Leaf /stem/twig blight; Rot; Gray mold (Botrytis cinerea)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Violets (<i>Viola</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (3,5)				
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	2	0	0	0
Willow (<i>Salix</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
Leaf spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Wood boring insect damage (Unidentified Wood Boring Insect)	1	0	0	0
Willow, Weeping (<i>Salix sepulcralis</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Willow leaf rust (<i>Melampsora</i> spp.)	1	0	0	0
Yew (<i>Taxus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Phytophthora root and crown rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0

Diagnoses and Identifications on Turfgrasses

	Confirmed	Not Detected	Suspected	Inconclusive
Bentgrass (<i>Agrostis</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (5,10)				
Algae (General)	4	0	0	0
Environmental stress; Problem (Abiotic disorder)	0	0	3	0
No pathogen found (Identification Analysis)	0	1	0	0
Pythium root dysfunction (<i>Pythium</i> sp./spp.)	2	0	0	0
Bermudagrass (<i>Cynodon</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (43,59)				
Algae (General)	1	0	0	0
Annual bluegrass (<i>Poa annua</i>)	1	0	0	0
Annual ryegrass; Italian ryegrass (<i>Lolium perenne multiflorum</i>)	1	0	0	0
Bermudagrass scale (<i>Odonaspis ruthae</i>)	2	0	0	0
Broomsedge bluestem (<i>Andropogon virginicus</i>)	1	0	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Common chickweed (<i>Stellaria media</i>)	1	0	0	0
Crabgrass (<i>Digitaria</i> sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	5	0	2	0
Curvularia blight; Leaf spot (<i>Curvularia</i> sp./spp.)	1	0	0	0
Dense thatch layer (Abiotic disorder)	2	0	0	0
Dollar spot (<i>Sclerotinia homeocarpa</i>)	5	0	0	0
ETRI ectotrophic root infecting fungi (Complex of Fungi)	1	0	0	0
Fringeleaf Paspalum (<i>Paspalum setaceum</i> var. <i>ciliatifolium</i>)	1	0	0	0
Herbicide carryover (Abiotic disorder)	0	0	1	0
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
Insufficient sample (Identification Analysis)	0	0	0	1
Japanese-clover (<i>Kummerowia striata</i>)	1	0	0	0
Kyllinga pumila (Low Spikesedge)	1	0	0	0
Large Grass-leaved Rush (<i>Juncus biflorus</i>)	1	0	0	0
Leaf rust; Rust (<i>Puccinia</i> sp./spp.)	3	0	0	0
Leaf spot (<i>Bipolaris sorokiniana</i>)	1	0	0	0
Leaf spot (<i>Bipolaris</i> sp./spp.)	4	0	0	0
Leaf spot (<i>Exserohilum rostratum</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Bermudagrass (<i>Cynodon sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (43,59)				
Leaf spot (<i>Exserohilum sp./spp.</i>)	2	0	0	0
Leaf spot; Leaf blight (<i>Exserohilum rostratum</i>)	1	0	0	0
Nakedstem dewflower (<i>Murdannia nudiflora</i>)	2	0	0	0
Nematode damage (Unidentified Nematode)	0	0	1	0
Nimblewill (<i>Muhlenbergia schreberi</i>)	1	0	0	0
Paspalum; Field (<i>Paspalum laeve</i>)	1	0	0	0
Poor leaf emergence (Abiotic disorder)	1	0	1	0
Root problems (Abiotic disorder)	0	0	1	0
Root-knot nematodes (<i>Meloidogyne sp./spp.</i>)	2	0	0	0
Shortleaf spikeseedge (<i>Kyllinga (Cyperus) brevifolius</i>)	2	0	0	0
Sting nematodes (<i>Belonolaimus sp./spp.</i>)	1	0	0	0
Tapered Rosettegrass (<i>Dichanthelium acuminatum</i>)	1	0	0	0
Velvet Panicum (<i>Dichanthelium scoparium</i>)	1	0	0	0
Centipedegrass (<i>Eremochloa ophiuroides</i>) (<i>Host,Diagnosis/ID</i>) (89,114)				
Additional sample requested (Identification Analysis)	0	0	0	0
Ammonia toxicity (Abiotic disorder)	0	0	1	0
Annual grasses (Family Poaceae)	0	0	1	0
Anthraco nose (<i>Colletotrichum graminicola</i>)	1	0	0	0
Asian spikeseedge (<i>Kyllinga squamulata</i>)	4	0	0	0
Baldwin's sedge (<i>Cyperus croceus</i>)	1	0	0	0
Bermudagrass scale (<i>Odonaspis ruthae</i>)	3	0	0	0
Carolina ponysfoot (<i>Dichondra carolinensis</i>)	1	0	0	0
Carolina Ponysfoot (<i>Dichondra caroliniensis</i>)	1	0	0	0
Chamberbitter (<i>Phyllanthus urinaria</i>)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	7	0	25	0
Dallisgrass (<i>Paspalum dilatatum</i>)	1	0	0	0
Dense thatch layer (Abiotic disorder)	2	0	0	0
Dollar spot (<i>Sclerotinia homeocarpa</i>)	1	0	0	0
Dormancy (Abiotic disorder)	1	0	0	0
Excessive water (Abiotic disorder)	2	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Centipedegrass (<i>Eremochloa ophiuroides</i>) (<i>Host,Diagnosis/ID</i>) <i>(89,114)</i>				
Freeze; Frost; Cold damage (Abiotic disorder)	0	0	1	0
Groundpearls (<i>Margarodes</i> sp./spp.)	3	0	0	0
Herbicide carryover (Abiotic disorder)	1	0	0	0
Herbicide injury; Exposure (Abiotic disorder)	1	0	3	0
High pH damage (Abiotic disorder)	1	0	0	0
Hydrophobic soil/planting mix/media (Abiotic disorder)	8	0	0	0
Insufficient sample (Identification Analysis)	0	0	0	0
Large crabgrass; Hairy crabgrass (<i>Digitaria sanguinalis</i>)	1	0	0	0
Large patch (<i>Rhizoctonia solani</i>)	3	0	0	0
Largeleaf Marshpennywort (<i>Hydrocotyle bowlesioides</i>)	1	0	0	0
Nematodes; General plant (Order Tylenchida)	0	0	1	0
Nutrient imbalance (Abiotic disorder)	0	0	1	0
Poor leaf emergence (Abiotic disorder)	6	0	4	0
Pythium blight; Cottony blight (<i>Pythium</i> sp./spp.)	3	0	0	0
Rhodesgrass mealybug (<i>Antonina graminis</i>)	1	0	0	0
Ring nematode (<i>Mesocriconema</i> sp./spp.)	1	0	0	0
Root problems (Abiotic disorder)	1	0	1	0
Root-knot nematodes (<i>Meloidogyne</i> sp./spp.)	1	0	0	0
Sheath blight (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Smooth crabgrass (<i>Digitaria ischaemum</i>)	1	0	0	0
Southern masked chafer (<i>Cyclocephala lurida</i> (immaculata))	1	0	0	0
Sting nematodes (<i>Belonolaimus</i> sp./spp.)	1	0	0	0
Thin Paspalum (<i>Paspalum setaceum</i>)	1	0	0	0
Torpedograss (<i>Panicum repens</i>)	1	0	0	0
Vetch (<i>Vicia</i> sp.)	1	0	0	0
Virginia buttonweed (<i>Diodia virginiana</i>)	1	0	0	0
Zoysia sp.	1	0	0	0
Fescues (<i>Festuca</i> spp) (<i>Host,Diagnosis/ID</i>) <i>(15,21)</i>				
Anthracnose (<i>Colletotrichum graminicola</i>)	1	0	0	0
Anthracnose; <i>Colletotrichum</i> leaf spot (<i>Colletotrichum</i> sp./spp.)	4	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Fescues (<i>Festuca spp</i>) (<i>Host,Diagnosis/ID</i>) (15,21)				
Brown patch (<i>Rhizoctonia solani</i>)	2	0	0	0
Cuban jute (<i>Sida rhombifolia</i>)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	4	0
Dallisgrass (<i>Paspalum dilatatum</i>)	0	0	1	0
Gray leaf spot (<i>Pyricularia grisea</i>)	1	0	0	0
Leaf rust; Rust (<i>Puccinia sp./spp.</i>)	4	0	0	0
Septoria leaf spot (<i>Septoria sp./spp.</i>)	0	0	1	0
Star-of-bethlehem (<i>Ornithogalum umbellatum</i>)	1	0	0	0
Tapered Rosettegrass (<i>Dichantherium acuminatum</i>)	1	0	0	0
St. Augustinegrass (<i>Stenotaphrum secundatum</i>) (<i>Host,Diagnosis/ID</i>) (66,95)				
Baldwin's sedge (<i>Cyperus croceus</i>)	1	0	0	0
Chamberbitter (<i>Phyllanthus urinaria</i>)	1	0	0	0
Chinch bug complex (<i>Blissus sp./spp.</i>)	12	0	0	0
Cultural/environmental problem (Abiotic disorder)	4	0	17	0
Dense thatch layer (Abiotic disorder)	1	0	0	0
ETRI ectotrophic root infecting fungi (Complex of Fungi)	1	0	0	0
Gray leaf spot (<i>Pyricularia grisea</i>)	23	0	7	0
Hydrophobic soil/planting mix/media (Abiotic disorder)	1	0	1	0
Insufficient sample (Identification Analysis)	0	0	0	1
Large patch (<i>Rhizoctonia solani</i>)	4	0	0	0
Late leaf spot (<i>Passalora fusimaculans</i>)	0	0	1	0
Leaf spot (<i>Exserohilum sp./spp.</i>)	1	0	0	0
Low Spikesedge (<i>Kyllinga pumilla</i>)	1	0	0	0
Matted Ticktrefoil (<i>Desmodium lineatum</i>)	1	0	0	0
Nutrient imbalance (Abiotic disorder)	1	0	0	0
Nutritional deficiency (Abiotic disorder)	0	0	1	0
Polypore mushroom (Family Polyporaceae)	0	0	0	1
Poor leaf emergence (Abiotic disorder)	1	0	2	0
Rhodesgrass mealybug (<i>Antonina graminis</i>)	1	0	0	0
Root decline of warm season grasses (<i>Gaeumannomyces graminis</i> var. <i>graminis</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
St. Augustinegrass (<i>Stenotaphrum secundatum</i>) (<i>Host,Diagnosis/ID</i>) (66,95)				
Root problem (Unknown Cause)	0	0	0	2
Root-knot nematodes (<i>Meloidogyne</i> sp./spp.)	2	0	0	0
Sheath blight (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Soil compaction (Abiotic disorder)	1	0	0	0
Southern yellow woodsorrel (<i>Oxalis dillenii</i>)	1	0	0	0
Turfgrass (Turfgrass mixed species) (<i>Host,Diagnosis/ID</i>) (7,9)				
Carolina Geranium (<i>Geranium carolinianum</i>)	1	0	0	0
Crabgrass (<i>Digitaria</i> sp./spp.)	1	0	0	0
Field burrweed; Spurweed (<i>Soliva sessilis</i> (pterosperma))	1	0	0	0
Ganoderma root rot (<i>Ganoderma lucidum</i>)	1	0	0	0
Goosegrass (<i>Eleusine indica</i>)	1	0	0	0
Hairsedge (<i>Bulbostylis</i> sp.)	1	0	0	0
Insufficient sample (Identification Analysis)	0	0	0	0
Plasterer bee (<i>Colletes</i> sp.)	1	0	0	0
Poor leaf emergence (Abiotic disorder)	0	0	0	0
Zoysia Grass (<i>Zoysia</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (62,94)				
Abnormal root development (Unidentified Agent)	0	0	0	2
Anthracnose; Colletotrichum leaf spot (<i>Colletotrichum</i> sp./spp.)	2	0	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
<i>Contrachelus posticatus</i>	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	4	0	14	0
Curvularia blight; Leaf spot (<i>Curvularia</i> sp./spp.)	7	0	1	0
Dense thatch layer (Abiotic disorder)	2	0	0	0
Dollar spot (<i>Sclerotinia homeocarpa</i>)	13	0	1	0
Dormancy (Abiotic disorder)	0	0	1	0
Drainage problem (Abiotic disorder)	0	0	1	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Groundpearls (<i>Margarodes</i> sp./spp.)	1	0	0	0
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Zoysia Grass (Zoysia sp./spp.) (Host,Diagnosis/ID) (62,94)				
Hydrophobic soil/planting mix/media (Abiotic disorder)	3	0	1	0
Large patch (Rhizoctonia solani)	5	0	0	0
Leaf rust; Rust (Puccinia sp./spp.)	1	0	0	0
Manilagrass (Zoysia matrella)	1	0	0	0
Moisture stress (Abiotic disorder)	1	0	0	0
Nutrient imbalance (Abiotic disorder)	1	0	0	0
Nutritional deficiency (Abiotic disorder)	0	0	1	0
Perennial ryegrass (Lolium perenne)	0	0	1	0
Poor leaf emergence (Abiotic disorder)	1	0	1	0
Poor root development (Abiotic disorder)	1	0	0	0
Rhodesgrass mealybug (Antonina graminis)	1	0	0	0
Root problem (Unknown Cause)	0	0	0	8
Root problems (Abiotic disorder)	0	0	0	1
Root-knot nematodes (Meloidogyne sp./spp.)	1	0	0	0
Rust; Leaf rust (Puccinia zoysiae)	4	0	0	0
Soil compaction (Abiotic disorder)	2	0	0	0
Springstar (Tristagma uniflorum)	1	0	0	0
Thin Paspalum (Paspalum setaceum)	1	0	0	0
Unspecified pathology (Nigrospora sp./spp.)	1	0	0	0

Ryegrass (*Lolium sp./spp.*) (*Host,Diagnosis/ID*) (1,1)

Spot blotch (*Bipolaris sorokiniana*)

1

0

0

0

Diagnoses and Identifications on Vegetables and Herbs

	Confirmed	Not Detected	Suspected	Inconclusive
Asparagus (<i>Asparagus officinalis</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Fusarium crown rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Bean, snap; green bean (<i>Phaseolus vulgaris</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Mechanical damage (Abiotic disorder)	1	0	0	0
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Broccoli (<i>Brassica oleracea</i> var. <i>botrytis</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Pythium damping off (<i>Pythium</i> sp./spp.)	1	0	0	0
Cantalope; Cantaloupe (<i>Cucumis melo cantalupensis</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Charcoal rot (<i>Macrophomina</i> sp./spp.)	1	0	0	0
Collards (<i>Brassica oleracea</i> var. <i>acephala</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Black leaf spot (<i>Alternaria brassicicola</i>)	1	0	0	0
Herbicide drift (Abiotic disorder)	0	0	1	0
Cucumber (<i>Cucumis sativus</i>) (<i>Host,Diagnosis/ID</i>) (2,3)				
Flea beetles (Subfamily Alticinae)	1	0	0	0
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Root-knot nematodes (<i>Meloidogyne</i> sp./spp.)	1	0	0	0
Eggplant (<i>Solanum melogena</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Fusarium wilt; Fusarium wilt complex (<i>Fusarium</i> sp./spp.)	1	0	0	0
Southern stem rot (<i>Sclerotium rolfsii</i>)	1	0	0	0
Garlic (<i>Allium sativum</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Fusarium root rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Stemphylium leaf spot (<i>Stemphylium</i> sp./spp.)	1	0	0	0
Kale (<i>Brassica oleracea acephala</i>) (<i>Host,Diagnosis/ID</i>) (4,4)				
Bacterial leaf spot (<i>Xanthomonas campestris</i>)	1	0	0	0
Basal shoot proliferation (<i>Rhodococcus fascians</i>)	0	0	1	0
Leaf spot (Unknown cause)	0	0	0	1
Pythium damping off (<i>Pythium</i> sp./spp.)	1	0	0	0
Lettuce (<i>Lactuca sativa</i>) (<i>Host,Diagnosis/ID</i>) (2,4)				
Adventitious buds (Abiotic disorder)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Phytophthora crown and/or root rot (<i>Phytophthora nicotianae</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Lettuce (<i>Lactuca sativa</i>) (<i>Host,Diagnosis/ID</i>) (2,4)				
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Melon; Armenian cucumber (<i>Cucumis melo</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Anthrachnose (<i>Colletotrichum orbiculare</i>)	1	0	0	0
Measles (Abiotic Disorder)	0	0	1	0
Mustards (Family brassicaceae) (<i>Host,Diagnosis/ID</i>) (1,2)				
Fusarium seed rot (Decay) (<i>Fusarium</i> sp./spp.)	1	0	0	0
Seed rot; Damping off; Seedling blight (<i>Pythium</i> sp./spp.)	0	0	1	0
Okra (<i>Abelmoschus esculentus</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Insufficient sample (Identification Analysis)	0	0	0	1
Unspecified pathology (<i>Fusarium</i> sp./spp.)	1	0	0	0
Peas, southern; cowpeas blackeye peas (<i>Vigna</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
False chinch bug (<i>Nysius raphanus</i>)	1	0	0	0
Pepper (<i>Capsicum annuum</i>) (<i>Host,Diagnosis/ID</i>) (3,3)				
Bacterial wilt (<i>Ralstonia solanacearum</i>)	1	0	0	0
Southern stem rot (<i>Sclerotium rolfsii</i>)	1	0	0	0
Tomato; Pepper bacterial spot (<i>Xanthomonas campestris</i> pv. <i>vesicatoria</i>)	1	0	0	0
Pepper, Bell (<i>Capsicum annuum grossum</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Pumpkin (<i>Cucurbita</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,3)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Phytophthora fruit rot (<i>Phytophthora capsici</i>)	1	0	0	0
Potyvirus Group (<i>Potyvirus</i> sp./spp.)	1	0	0	0
Squash, yellow (<i>Cucurbita pepo</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Blight; Russet (<i>Plectosphaerella cucumerina</i>)	1	0	0	0
Tomato (<i>Lycopersicon esculentum</i>) (<i>Host,Diagnosis/ID</i>) (33,46)				
Anthrachnose fruit rot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Bacterial wilt (<i>Ralstonia solanacearum</i>)	3	0	0	0
Black leg; Pythium stem rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Brown marmorated stink bug (<i>Halyomorpha halys</i>)	0	0	1	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Darkwinged fungus gnats (Family <i>Sciaridae</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Tomato (<i>Lycopersicon esculentum</i>) (Host,Diagnosis/ID) (33,46)				
Early blight; Leaf spot (<i>Alternaria solani</i>)	2	0	1	0
Fusarium root rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Fusarium wilt; Fusarium wilt complex (<i>Fusarium</i> sp./spp.)	2	0	0	0
Ground beetles (Family Carabidae)	1	0	0	0
Herbicide drift (Abiotic disorder)	1	0	1	0
Intumescence (Abiotic disorder)	2	0	0	0
Leaf mold (<i>Passalora fulva</i>)	2	0	0	0
Lygaeid bugs (Family Lygaeidae)	1	0	0	0
Mechanical damage (Abiotic disorder)	0	0	1	0
Nutrient imbalance (Abiotic disorder)	0	0	1	0
Parasitic wasp (Order Hymenoptera)	1	0	0	0
Pink Woodsorrel (<i>Oxalis debilis</i>)	1	0	0	0
Pith necrosis (<i>Pseudomonas corrugata</i>)	0	0	1	0
Powdery mildew (<i>Leveillula taurica</i>)	0	0	1	0
Rhizoctonia root and stem rot (<i>Rhizoctonia solani</i>)	1	0	0	0
Rhizoctonia root rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Root-knot nematodes (<i>Meloidogyne</i> sp./spp.)	3	0	0	0
Southern stem rot (<i>Sclerotium rolfsii</i>)	1	0	0	0
Tomato russet mite (<i>Aculops lycopersici</i>)	1	0	0	0
Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	6	0	1	0
Unknown abiotic disorder (Abiotic disorder)	0	0	0	2
Whiteflies (Family Aleyrodidae)	1	0	0	0
Vegetables (Mixed species) (Host,Diagnosis/ID) (1,1)				
Southern cabbageworm (<i>Pontia protodice</i>)	1	0	0	0
Watermelon (<i>Citrullus lanatus</i>) (Host,Diagnosis/ID) (9,10)				
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Fusarium root rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	0	2	0	0
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Rhizoctonia root rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Unidentified virus (Unidentified Virus)	0	0	0	1

	Confirmed	Not Detected	Suspected	Inconclusive
Herb Crops				
Basil, Sweet (<i>Ocimum basilicum</i>) (Host,Diagnosis/ID) (1,2)				
Botrytis blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Dill (<i>Anethum graveolens</i>) (Host,Diagnosis/ID) (1,1)				
Common thrips (Family Thripidae)	0	0	1	0
Lavender (<i>Lavandula</i> sp./spp.) (Host,Diagnosis/ID) (62,65)				
Black shank (<i>Phytophthora nicotianae</i>)	1	0	0	0
Crown and root rot (<i>Phytophthora</i> sp./spp.)	2	13	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	3	0
Fusarium root rot (<i>Fusarium</i> sp./spp.)	0	0	1	0
Insufficient sample (Identification Analysis)	0	0	0	1
No pathogen found (Identification Analysis)	5	1	0	0
Phytophthora crown and/or root rot (<i>Phytophthora nicotianae</i>)	15	9	1	0
Phytophthora root rot (<i>Phytophthora palmivora</i>)	1	0	0	0
PhytoPythium root rot (<i>Phytopythium</i> sp./spp.)	0	0	1	0
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	4	0	0	0
Root rot (Unidentified Agent)	0	0	0	4
Unspecified pathology (<i>Phytophthora nicotianae</i>)	1	0	0	0
Unspecified pathology (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Lavender, French (<i>Lavendula angustifolia angusti</i>) (Host,Diagnosis/ID) (2,2)				
Crown and root rot (<i>Phytophthora</i> sp./spp.)	0	1	0	0
Phytophthora crown and/or root rot (<i>Phytophthora nicotianae</i>)	1	0	0	0
Oregano (<i>Origanum vulgare</i>) (Host,Diagnosis/ID) (1,1)				
Botrytis blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Peppermint (<i>Mentha x piperita</i>) (Host,Diagnosis/ID) (1,2)				
Anthracoese stem blight (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Rosemary (<i>Rosmarinus officinalis</i>) (Host,Diagnosis/ID) (7,9)				
Bacterial leaf spot (<i>Pseudomonas cichorii</i>)	2	0	0	0
Crown and root rot (<i>Phytophthora</i> sp./spp.)	0	1	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Insect damage (Unidentified Insect)	0	0	0	1

	Confirmed	Not Detected	Suspected	Inconclusive
Rosemary (<i>Rosmarinus officinalis</i>) (<i>Host,Diagnosis/ID</i>) (7,9)				
Phytophthora crown and/or root rot (<i>Phytophthora nicotianae</i>)	1	0	0	0
Pythium root and/or crown rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Pythium wilt (<i>Pythium</i> sp./spp.)	1	0	0	0
Tea Plant (<i>Camellia sinensis</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Algal leaf spot (<i>Cephaleuros virescens</i>)	1	0	0	0