

Clemson University Plant Problem Clinic

Annual Report for 2015

Introduction to the 2015 Annual Report

The Clemson University Plant Problem 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 Plant Problem Clinic 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.

This year, Madeline Dowling and Suzette Sharpe, graduate students in Plant Pathology, worked part time in the Plant Problem Clinic. These two women provided extremely valuable assistance due to their knowledge of Plant Pathology. Fortunately, they will both return for the growing season of 2016. They are much appreciated for their knowledge, hard work, dedication and pleasant personalities.

Predeesh Chandran, M.S. Entomologist, was another helpful addition to our lab crew. Predeesh will be assisting where needed in the Regulatory Services Labs, mainly by working in the Agricultural Service Lab during their winter to spring busy season and in the Plant Problem Clinic, as an Entomologist and Lab Assistant, during our summer to fall busy season. He came on board early in the fall and while waiting for his visa to be accepted, he worked as a volunteer! He will provide valuable assistance to Dr. Tim Drake, who has been overwhelmed with more insect identification samples than he could handle, given his many other duties.

In 2015, the Plant Problem Clinic received 1282 samples. This year 24 people from seven disciplinary areas assisted the Clinic by identifying diseases, insects or plants or by providing management recommendations. Appreciation is expressed to all faculty and staff that contributed their time and effort, enhancing the success of the Plant Problem Clinic. Special thanks are extended to those who are primary identifiers: Entomologist Tim Drake, Botanists Dixie Damrel and Laary Cushing, and Mycologist, Julia Kerrigan.

Much gratitude also goes out to the core lab staff. Diana Low, the Lab Coordinator, performed both lab and office duties while using her organizational skills to keep things running smoothly. Curt Colburn, the Molecular Biologist in charge of the Molecular Plant Pathogen Detection Lab (MPPD), assisted the Plant Problem Clinic by doing bacterial identifications, plus PCR reactions and ELISA tests in some cases.

Curt, in the MPPD, processed 211 samples. Most of these were submitted by Department of Plant Industry Regulatory Inspectors as they performed surveys to detect pathogens of regulatory concern.

The 2015 annual report is comprised of three separate sections; Plant Problem Clinic, which includes the MPPD Lab, The Nematode Assay Lab and The Commercial Turf Clinic. An introduction precedes each of these reports. I hope that readers find these reports both interesting and informative.

Meg Williamson, Diagnostician

Personel Performing Diagnoses/Identifications

Each sample may involve one or more diagnosticians. Hence this section may not represent the total number of samples processed during this time period.

Meg Williamson processed 957 samples.
Timothy Drake processed 236 samples.
Dixie Damrel processed 72 samples.
Madeline Dowling processed 65 samples.
Laary Cushman processed 52 samples.
Eric Benson processed 49 samples.
Suzette Sharpe processed 15 samples.
John Hains processed 12 samples.
Predeesh Chandran processed 9 samples.
Julia Kerrigan processed 5 samples.
Curt Colburn processed 3 samples.
Melodie Putnam (OSU) processed 1 sample.

Personnel Providing Management Advice

Each sample may involve one or more advisory consultants. Hence this section may not represent the total number of samples processed during this time period.

Meg Williamson gave advice for 972 samples.
Eric Benson gave advice for 95 samples.
Joey Williamson gave advice for 40 samples.
Corey Heaton gave advice for 24 samples.
Bob Polomski gave advice for 16 samples.
J.C. Chong gave advice for 11 samples.
Tony Keinath gave advice for 5 samples.
Mike Marshall gave advice for 5 samples.
Powell Smith gave advice for 4 samples.
Steve Jeffers gave advice for 3 samples.
Bert McCarty gave advice for 3 samples.
Jim Faust gave advice for 2 samples.
Bruce Martin gave advice for 2 samples.
Paula Agudelo gave advice for 1 sample.
Bob Bellinger gave advice for 1 sample.
Gilbert Miller gave advice for 1 sample.
John Mueller gave advice for 1 sample.
Simon Scott gave advice for 1 sample.
Guido Schnabel gave advice for 1 sample.
Suzy Sharpe gave advice for 1 sample.
Ted Whitwell gave advice for 1 sample.

Personnel That Entered Sample Information

Diana Low processed 1169 samples.

Madeline Dowling processed 60 samples.

Suzette Sharpe processed 53 samples.

Final Reports

This section reports the personnel who have written final reports for samples during this time period. Lab personnel and primary identifiers often enter reports for other specialists.

Meg Williamson gave advice for 972 samples.

Timothy Drake gave advice for 113 samples.

Dixie Damrel gave advice for 69 samples.

Eric Benson gave advice for 58 samples.

(Diana Low provided advice for 46 samples, most were from Eric Benson).

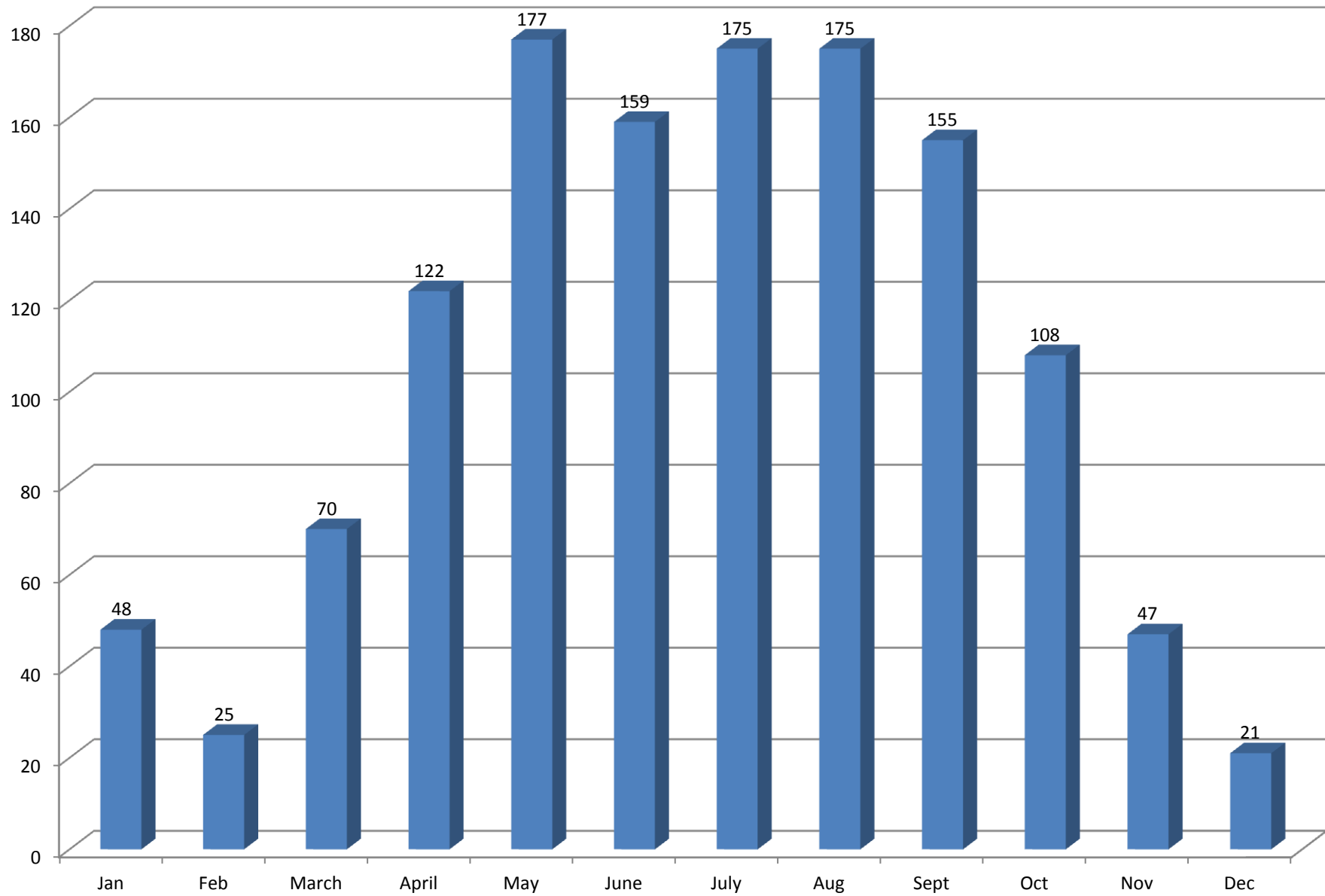
Laary Cushman gave advice for 30 samples.

Madeline Dowling gave advice for 13 samples.

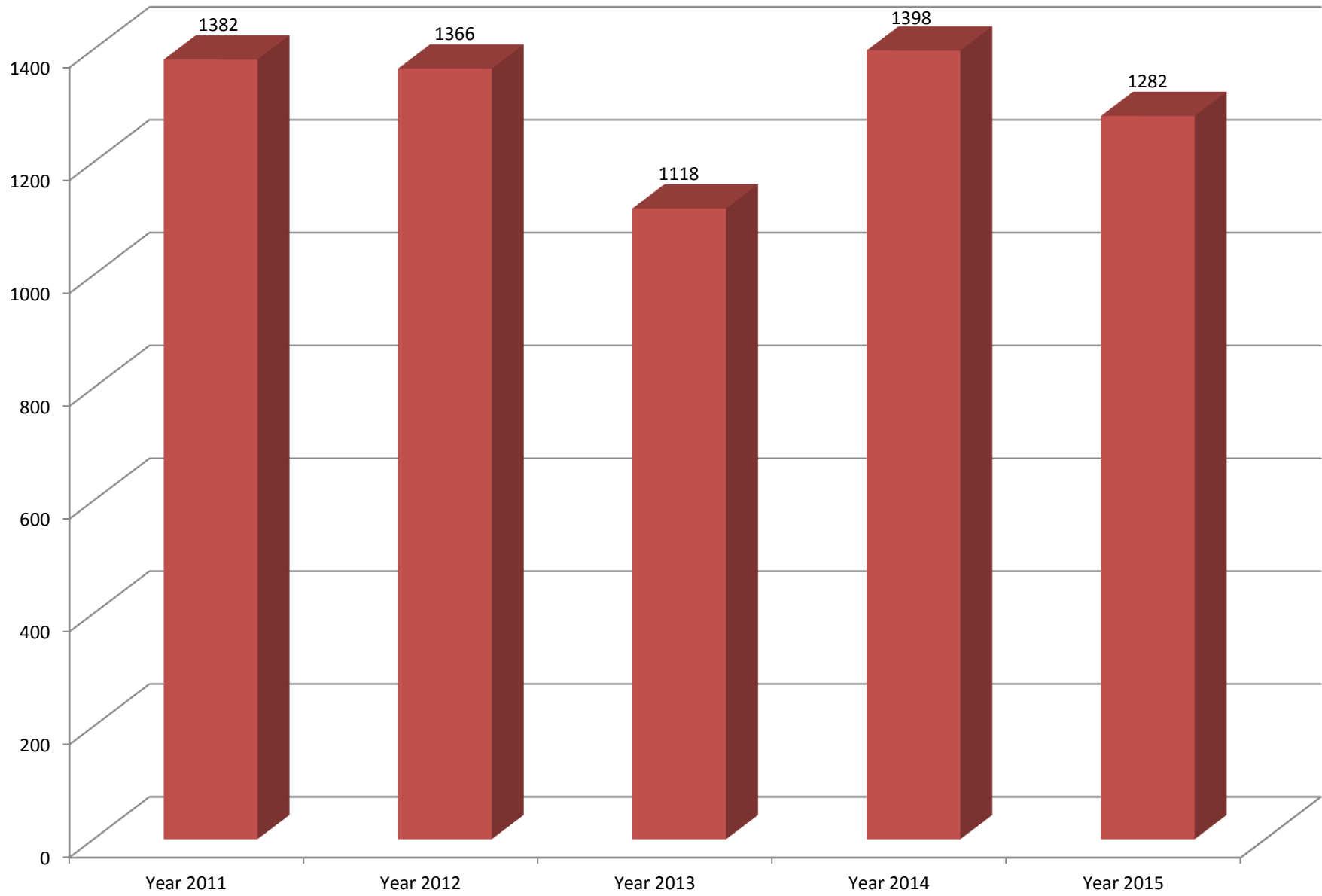
Predeesh Chandran gave advice for 3 samples.

Julia Kerrigan gave advice for 4 samples.

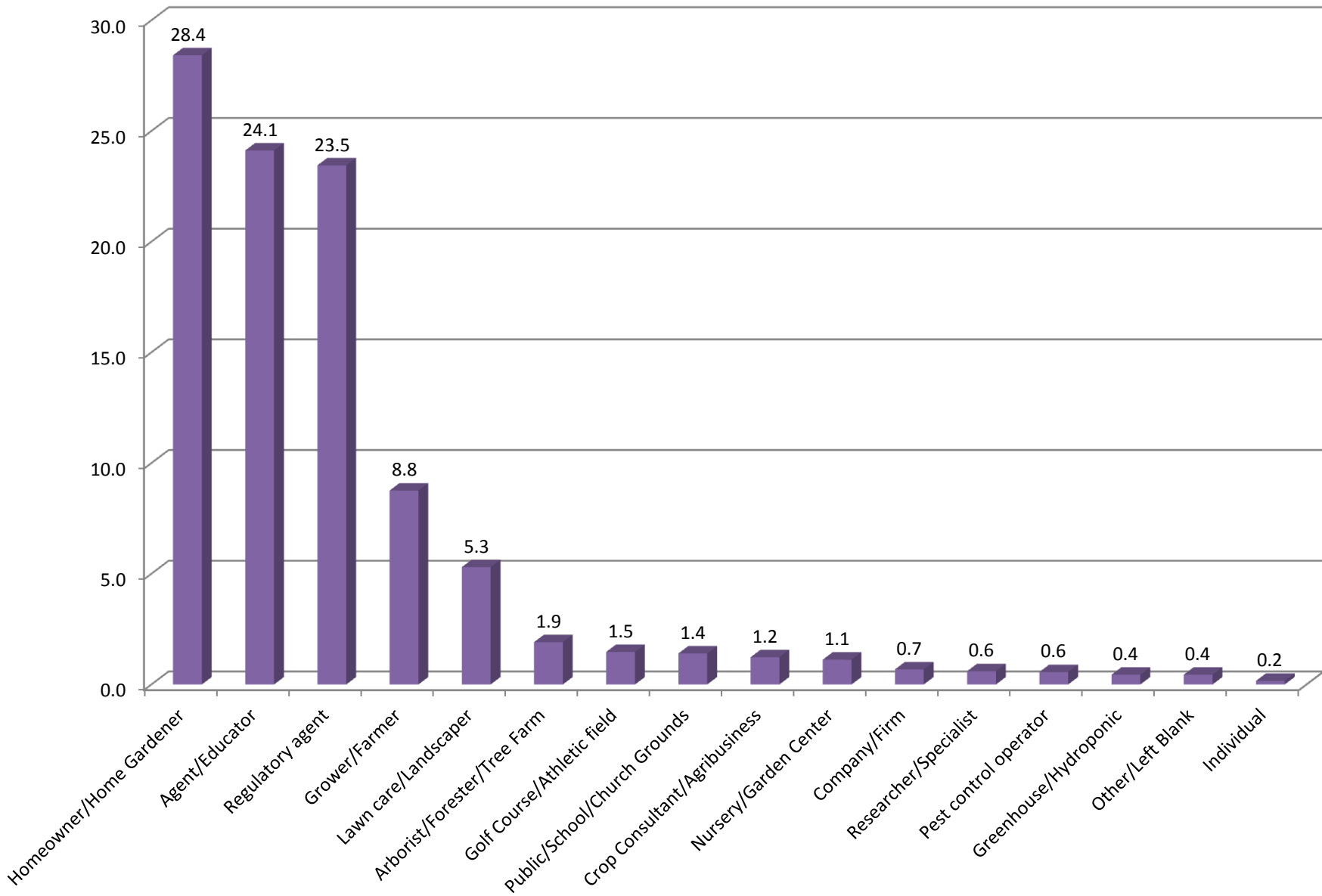
Plant Problem Clinic Monthly Sample Numbers for 2015



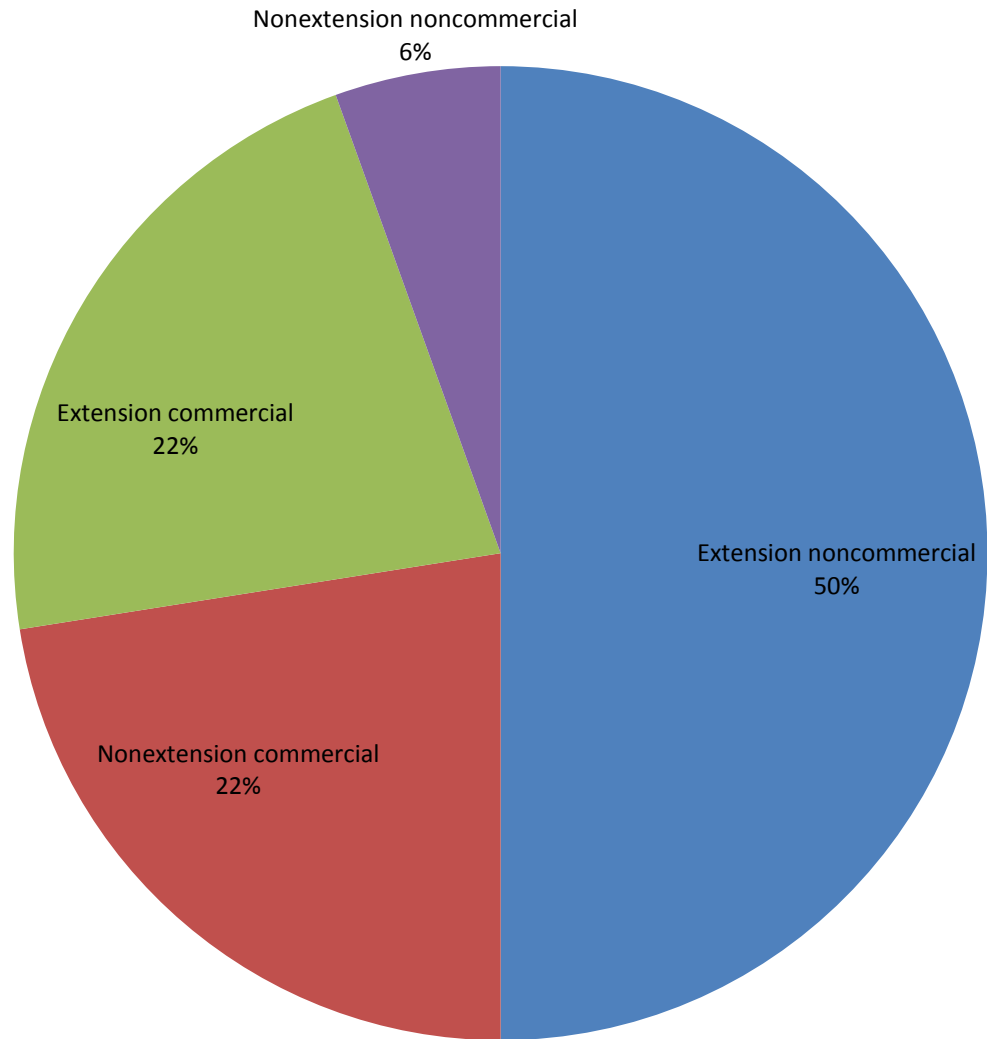
Plant Problem Clinic Sample Totals for the Past 5 Years



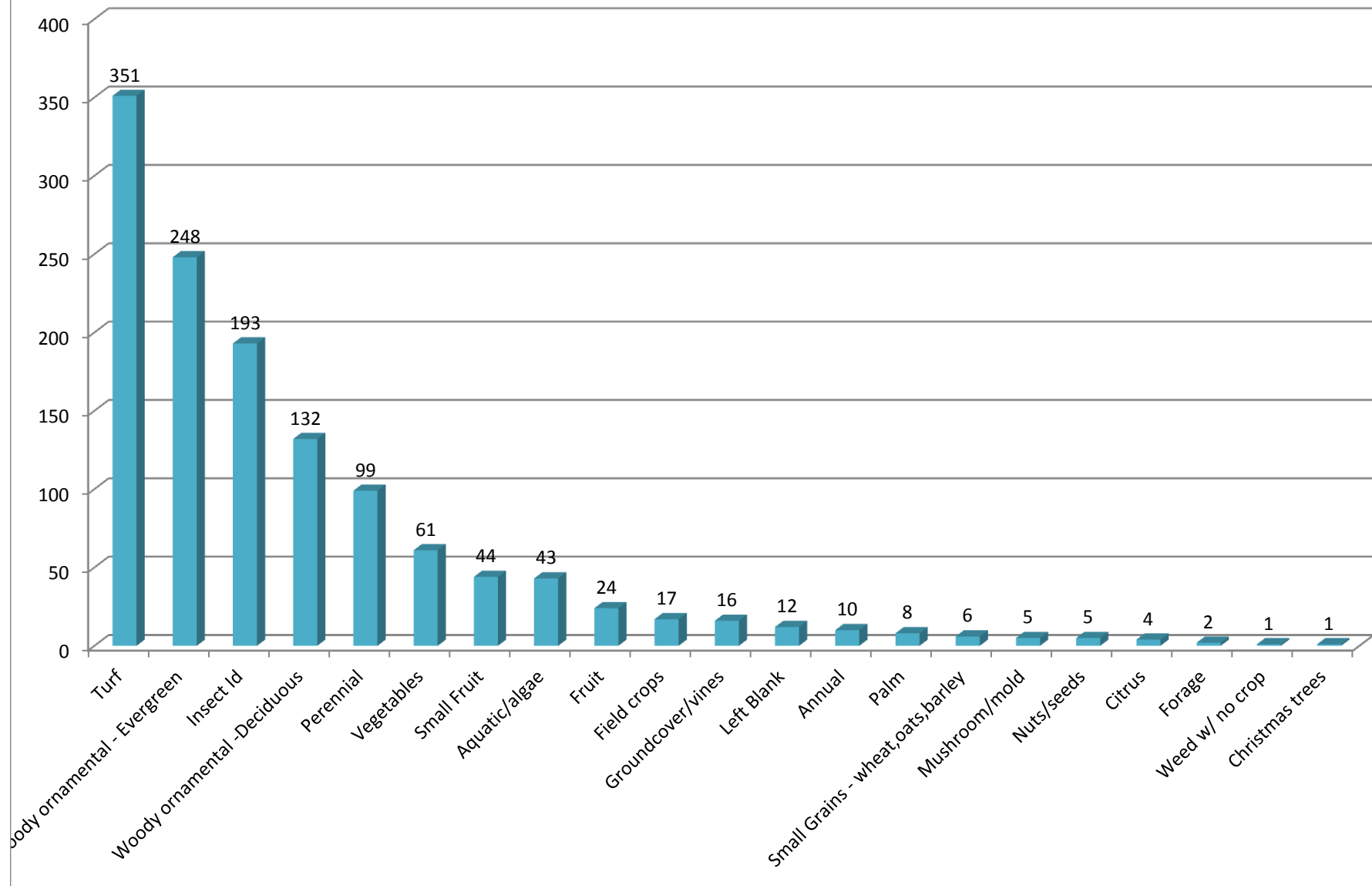
2015 Plant Problem Clinic Submitter Types as Percent of Sample Total



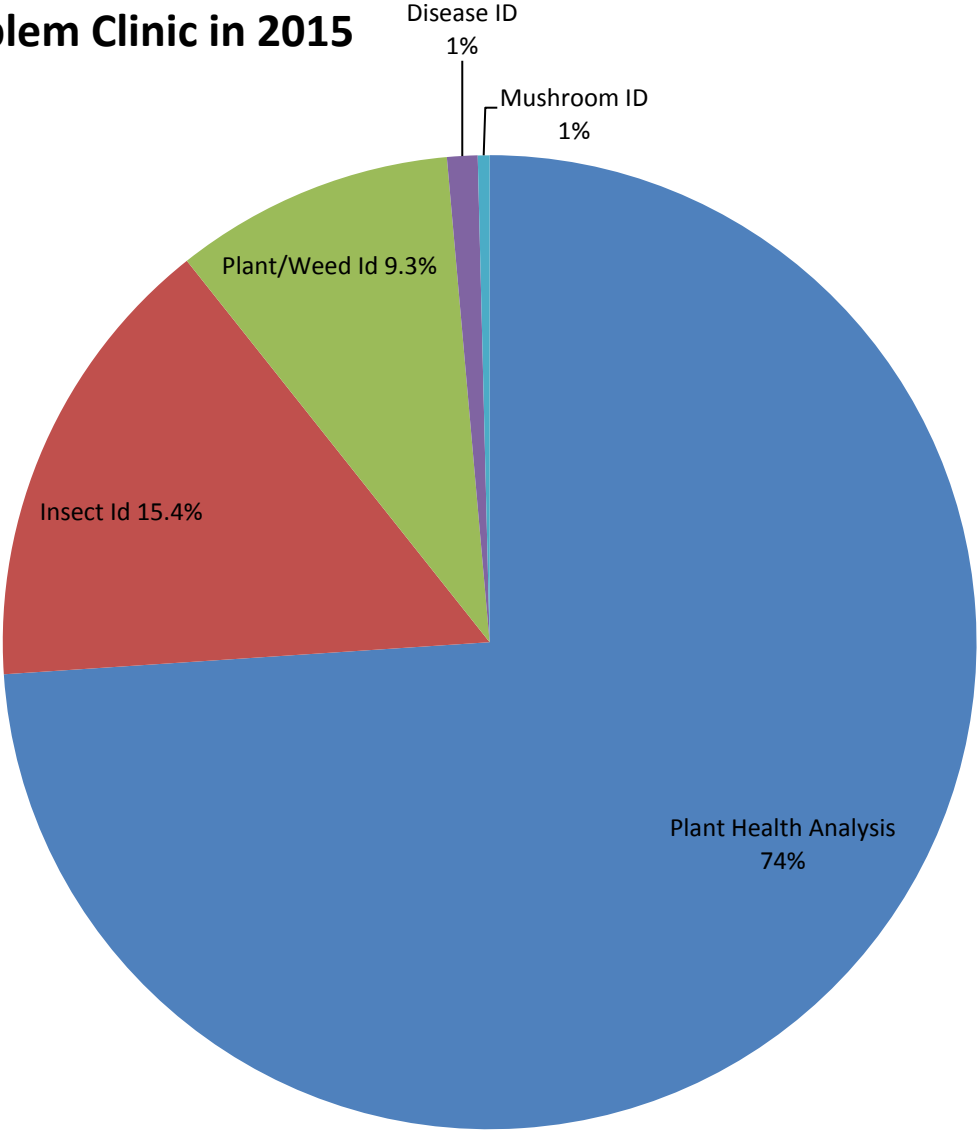
Sources of Plant Problem Clinic Samples for 2015



Plant Problem Clinic Crop Categories for 2015 by Number of Samples



Diagnoses/Identifications Requested from the Plant Problem Clinic in 2015



Methods Used in the Plant Problem Clinic in 2015

<u>Method</u>	<u>Use Count</u>
Microscopic	836
Visual Observation	783
Culture	285
Incubation	150
Image	53
Serological	21
Soil Analysis	20
Nematode Extraction	16
Bioassay	13
Biochemical	9
PCR	6
Molecular Analysis	2

Notes:

Many samples are diagnosed using more than one method.

Bioassay methods are soil microbe baiting techniques

Biolog is the Biochemical method used to identify bacteria.

Incubation refers mainly to moist tissue incubation.

Microscopic methods are used but not recorded for cultural diagnoses

Visual methods include both sample examination and analysis of sample information.

Plant Problem Clinic Sample Numbers by County and State for 2015

South Carolina Sample Numbers by County in 2015

SC County	Number of Samples	SC County	Number of Samples
Abbeville	1	Pickens	71
Aiken	43	Richland	121
Allendale	32	Saluda	4
Anderson	70	Spartanburg	58
Bamberg	10	Sumter	31
Barnwell	20	Union	1
Beaufort	120	Williamsburg	3
Berkeley	10	York	12
Charleston	65	STATE TOTAL	1211
Cherokee	12		
Chester	4		
Chesterfield	12		
Clarendon	11		
Colleton	18		
Darlington	8		
Dillon	1		
Dorchester	19		
Edgefield	13		
Fairfield	3		
Florence	17		
Georgetown	10		
Greenville	106		
Greenwood	18		
Hampton	10		
Horry	12		
Jasper	15		
Kershaw	30		
Lancaster	10		
Laurens	22		
Lee	6		
Lexington	98		
Marion	3		
Mccormick	3		
Newberry	29		
Oconee	34		
Orangeburg	15		

Sample Totals from Other States	
State	Number of Samples
CA	2
CO	4
FL	14
GA	3
IL	2
KY	1
LA	1
MA	1
NC	6
NH	3
NJ	4
OH	5
TN	1
TX	4
VA	20
TOTAL Other States	71
GRAND TOTAL	1282

Plant Problem Clinic Diagnoses and Identifications

Confidence Designations For Diagnoses and Identifications

The charts in the following sections show headings for confidence level designations above the number of samples found for that crop. The following descriptions are provided to explain what these mean.

Confirmed - The diagnosis was derived using techniques which allowed for the confirmation of the organism to Genus level, and sometimes to the species and/or race or pathovar level.

Not Detected -The sample was submitted as a suspect sample or as part of survey project. The suspected or survey pathogen was not detected on the submitted sample.

Suspected - Diagnostic symptoms of the pathogen or pest were present but evidence to allow for a definite determination could not be confirmed. This term is often used with abiotic entries because it is difficult to make conclusive diagnoses with these types of problems based solely on a diagnostic sample. Samples with viral symptoms are often diagnosed at this level since we can only test for a limited number of virus diseases.

Inconclusive - Although the sample was examined and/or tested to the best of our ability, a reliable result could not be achieved so the only conclusion is to diagnose the sample as inconclusive. This term may also be used when genus or species is undetermined due to limitations of time, availability of accurate tests or knowledge about the organism's morphology. Insufficient samples can also lead to an inconclusive designation. In many of these cases, the exact taxonomy is often not necessary for management of the pest or pathogen.

Diagnoses and Identifications on Ornamentals and Trees

	Confirmed	Not Detected	Suspected	Inconclusive
Abelia, Glossy (<i>Abelia grandiflora</i>) 1				
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Ajuga; Bugleweed (<i>Ajuga sp./spp.</i>) 1				
Southern Stem Rot (<i>Sclerotium rolfsii</i>)	1	0	0	0
Ajuga: Bugleweed (ground cover) (<i>Ajuga reptans</i>) 2				
Hydrophobic soil/planting mix/media (Abiotic disorder)	1	0	0	0
Southern Stem Rot (<i>Sclerotium rolfsii</i>)	1	0	0	0
Alternanthera; Joseph's coat (<i>Alternanthera ficoidea</i>) 5				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Pythium Root and/or Crown Rot (<i>Pythium sp./spp.</i>)	2	0	0	0
Rhizoctonia Foliar/ Aerial/ Web Blight (<i>Rhizoctonia solani</i>)	1	0	0	0
Witches Broom (STD unidentified)	0	0	0	1
Amaryllis (<i>Hippeastrum sp./spp.</i>) 1				
Unidentified Virus (Unidentified Virus)	0	0	0	1
Annual Vinca, Madagascar periwinkle (<i>Catharanthus roseus</i>) 1				
Botrytis Blight (<i>Botrytis sp./spp.</i>)	1	0	0	0
Angel Trumpet (<i>Brugmansia sp./spp.</i>) 1				
Potyvirus Group (Potyvirus Group)	1	0	0	0
Arborvitae (<i>Thuja sp./spp.</i>) 18				
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum sp./spp.</i>)	1	0	0	0
Armillaria Root Rot (<i>Armillaria sp./spp.</i>)	1	0	0	0
Bagworm (<i>Thyridopteryx ephemeraeformis</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	5	0
Dieback; Canker (<i>Seiridium sp./spp.</i>)	1	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria sp./spp.</i>)	1	0	0	0
Fusarium Blight (<i>Fusarium sp./spp.</i>)	1	0	0	0
Maskell Scale (<i>Lepidosaphes pallida</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
Sphaeropsis Dieback (<i>Sphaeropsis sp./spp.</i>)	1	0	0	0
Spider Mites (Family Tetranychidae)	0	0	0	1

	Confirmed	Not Detected	Suspected	Inconclusive
Winter Injury (Abiotic disorder)	0	0	2	0
Arborvitae (Thuja standishii x plicata) 2				
Armillaria Root Rot (Armillaria sp./spp.)	1	0	0	0
Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)	1	0	0	0
Arborvitae, Emerald Green (Thuja occidentalis) 2				
Anthracnose Needle Blight (Colletotrichum sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Arborvitae, Green Giant (Thuja standishii x plicata) 3				
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Pestalotiopsis Needle Blight; Tip Blight (Pestalotiopsis sp./spp.)	1	0	0	0
Asiatic Jasmine (Trachelospermum asiaticum) 1				
Aucuba, Japanese (Aucuba japonica) 1				
Fungal Pathogens (General)	0	0	0	1
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Azalea; Rhododendron (Rhododendron sp./spp.) 29				
Armillaria Root Rot (Armillaria sp./spp.)	0	0	1	0
Azalea Lace Bug (Stephanitis pyrioides)	2	0	2	0
Cranberry Rootworm (Rhabdopterus picipes)	0	0	1	0
Crown and Root Rot (Phytophthora sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	1	0	4	0
Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)	2	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Herbicide Injury; Exposure (Abiotic disorder)	1	0	0	0
Leaf Spot (Botryosphaeria sp./spp.)	1	0	0	0
Leaf Spot (Pseudocercospora sp./spp.)	1	0	0	0
Leaf and Flower Gall (Exobasidium vaccinii)	2	0	0	0
Lichens (Lichenes)	0	0	0	1
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Obscure Scale (Melanaspis obscura)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (Phomopsis sp./spp.)	4	0	0	0
Phomopsis Leaf Spot (Phomopsis sp./spp.)	1	0	0	0
Phytophthora Root and Crown Rot (Phytophthora cinnamomi)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Blackeyed Susan (<i>Rudbeckia hirta</i>) 1				
Southern Stem Rot (<i>Sclerotium rolfsii</i>)	1	0	0	0
Blue Star creeper (<i>Laurentia fluviatilis</i>) 1				
Root-knot Nematodes (<i>Meloidogyne</i> sp./spp.)	0	0	1	0
Boxwood (<i>Buxus</i> sp./spp.) 17				
Boxwood Blight; Leaf and Stem Blight (<i>Calonectria pseudonaviculata</i>) (NC sample)	3	0	0	0
Boxwood Mite (<i>Eurytetranychus buxi</i>)	0	0	2	0
Boxwood Volutella Blight; Canker (<i>Volutella buxi</i>)	2	0	0	0
Chemical; Environmental Injury (Abiotic disorder)	0	0	1	0
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	2	0	1	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Herbicide Injury; Exposure (Abiotic disorder)	0	0	1	0
Macrophoma Blight; Dieback (<i>Macrophoma</i> sp./spp.)	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
Boxwood, Common; American Boxwood (<i>Buxus sempervirens</i>) 9				
Boxwood Blight; Leaf and Stem Blight (<i>Calonectria pseudonaviculata</i>) (NC sample)	0	1	0	0
Boxwood Leafminer (<i>Monarthropalpus flavus</i> (<i>buxi</i>))	1	0	0	0
Boxwood Volutella Blight; Canker (<i>Volutella buxi</i>)	1	0	0	0
Drainage Problem (Abiotic disorder)	0	0	2	0
Fusarium Root Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Insufficient Sample (Identification Analysis)	0	0	1	0
Leaf Blight (<i>Volutella buxi</i>)	0	0	1	0
Phytophthora Root Rot (<i>Phytophthora palmivora</i>)	1	0	0	0
Boxwood, Japanese (<i>Buxus microphylla</i> var. <i>japonica</i>) 1				
Boxwood Leafminer (<i>Monarthropalpus flavus</i> (<i>buxi</i>))	1	0	0	0
Boxwood, Edging; English Boxwood (<i>Buxus sempervirens</i> 'suffruticosa') 8				
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Boxwood Leafminer (<i>Monarthropalpus flavus</i> (<i>buxi</i>))	1	0	0	0
Boxwood Volutella Blight; Canker (<i>Volutella buxi</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Leaf Blight (<i>Volutella buxi</i>)	1	0	0	0
Phytophthora Crown and/or Root Rot (<i>Phytophthora nicotianae</i>)	1	0	0	0
Spider Mites (Family Tetranychidae)	0	0	0	1
Boxwood, Littleleaf (<i>Buxus microphylla</i>) 2				
Anthracnose Stem Blight (<i>Colletotrichum</i> sp./spp.)	2	0	0	0
Callery Pear (<i>Pyrus calleryana</i>) 2				
Fire Blight (<i>Erwinia amylovora</i>)	1	0	1	0
Herbicide Injury; Exposure (Abiotic disorder)	1	0	0	0
Camellia (<i>Camellia</i> sp./spp.) 5				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	0	0	1	0
Leaf Spot (<i>Pestalotiopsis</i> (<i>Pestalotia</i>) sp./spp.)	1	0	0	0
Pollen (Abiotic disorder)	0	0	0	1
Ramorum Blight (<i>Phytophthora ramorum</i>) (Not Detected)	0	1	0	0
Sunscald (Abiotic disorder)	0	0	1	0
Camellia, Common (<i>Camellia japonica</i>) 15				
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Glomerella Canker (<i>Colletotrichum gloeosporioides</i>)	1	0	0	0
Leaf Spot (<i>Pestalotiopsis</i> (<i>Pestalotia</i>) sp./spp.)	1	0	0	0
Mechanical Damage (Abiotic disorder)	0	0	1	0
Phosphorus Deficiency (Abiotic disorder)	1	0	0	0
Phytophthora Root and Crown Rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0
Purple Camellia Mite (<i>Calacarus carinatus</i>)	1	0	0	0
Seasonal Leaf Drop (Abiotic disorder)	0	0	1	0
Tea Scale (<i>Fiorinia theae</i>)	2	0	0	0
Unidentified Virus (Unidentified Virus)	0	0	1	4
Camellia, Sasanqua (<i>Camellia sasanqua</i>) 7				
Camellia Leaf Gall (<i>Exobasidium camelliae</i>)	2	0	0	0
Oedema; Edema (Abiotic disorder)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Seasonal Leaf Drop (Abiotic disorder)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Tea Scale (<i>Fiorinia theae</i>)	1	0	0	0
Whiteflies (Family Aleyrodidae)	0	0	0	1
Canna Lily (<i>Canna x generalis</i>) 6				
Environmental Stress; Problem (Abiotic disorder)	0	0	3	0
Unspecified Pathology (<i>Alternaria</i> sp./spp.)	3	0	0	0
Cardinalflower (<i>Lobelia cardinalis</i>) 1				
Sclerotinia Blight (<i>Sclerotinia sclerotiorum</i>)	1	0	0	0
Carolina Jessamine (<i>Gelsemium sempervirens</i>) 4				
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Leaf Blight; Leaf Spot (<i>Botrytis</i> sp./spp.)	1	0	0	0
Botrytis Blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Cast Iron plant (<i>Aspidistra elatior</i>) 2				
Fern Scale (<i>Pinnaspis aspidistrae</i>)	1	0	0	0
Pollen (Abiotic disorder)	1	0	0	0
Cedar, Blue Atlas (<i>Cedrus atlantica glauca</i>) 2				
Pestalotiopsis Needle Blight; Tip Blight (<i>Pestalotiopsis</i> sp./spp.)	2	0	0	0
Cedar, Deodar (<i>Cedrus deodara</i>) 1				
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Cedar, Eastern Red (<i>Juniperus virginiana</i>) 4				
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	0	0	1	0
Phomopsis Tip Blight; Needle Blight (<i>Phomopsis juniperovora</i>)	1	0	0	0
Cherry, Eastern Black (<i>Prunus serotina</i>) 3				
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	2	0	0	0
Canker (Unidentified Fungus)	0	0	0	1
Cherry, Flowering (<i>Prunus</i> sp./spp.) 1				
Root Problem (Unknown Cause)	0	0	1	0
Cherry, Japanese Flowering (<i>Prunus serrulata</i>) 2				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Leaf Spot (<i>Pseudocercospora</i> sp./spp.)	0	0	1	0
Cherry, Yoshino (<i>Prunus yedoensis</i>) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Cherry-laurel (<i>Prunus laurocerasus</i>) 7				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Insect Damage (Unidentified Insect)	0	0	0	1
Leaf Spot (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Leaf Spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Mite Damage (Unidentified Mite)	0	0	0	1
Oedema; Edema (Abiotic disorder)	0	0	1	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Chestnut (<i>Castanea</i> sp./spp.) 1				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Chinese Fringetree (<i>Chionanthus retusus</i>) 1				
Passalora Leaf Spot (<i>Passalora</i> sp./spp.)	1	0	0	0
Chrysanthemum (<i>Chrysanthemum</i> sp./spp. hybrids) 2				
Canker (<i>Stemphylium</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Clematis (<i>Clematis</i> sp./spp.) 2				
Common Thrips (Family Thripidae)	0	0	0	1
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Clematis, Evergreen (<i>Clematis armandii</i>) 2				
Botrytis Blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	1	0	0	0
Cleyera, Japanese (<i>Ternstroemia gymnanthera</i>) 3				
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Leaf Spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Coleus, Flame Nettle (painted leaves) (<i>Coleus</i> sp./spp.) 2				
Phoma Blight; Dieback; Rot (<i>Phoma</i> sp./spp.)	1	0	0	0
Poor Root Development (Abiotic disorder)	1	0	0	0
Confederate Jasmine, Star Jasmine (<i>Trachelospermum jasminoides</i>) 5				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Glyphosate Injury (Abiotic disorder)	0	0	1	0
Leaf Spot (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Phyllosticta Leaf Spot (<i>Phyllosticta</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Unidentified Virus (Unidentified Virus)	0	0	1	0
Coneflower, Purple (<i>Echinacea purpurea</i>) 1				
Leaf Spot (Unknown cause)	0	0	0	1
Cotoneaster (<i>Cotoneaster</i> sp./spp.) 2				
Insect Damage (Unidentified Insect)	0	0	1	0
Phomopsis Leaf Spot (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Cotoneaster, Rockspray (<i>Cotoneaster horizontalis</i>) 2				
Botryosphaeria Canker; Dieback (<i>Diplodia mutila</i>)	1	0	0	0
Wood Boring Insect Damage (Unidentified Wood Boring Insect)	0	0	0	1
Crabapple (<i>Malus</i> sp./spp.) 1				
Herbicide Injury; Exposure (Abiotic disorder)	1	0	0	0
Crape Myrtle (<i>Lagerstroemia indica</i>) 7				
Aphids (Plant Lice) (Family Aphididae)	0	0	0	2
Insect Damage (Unidentified Insect)	0	0	0	1
Ladybird Beetles (Family Coccinellidae)	0	0	0	1
Low pH Damage (Abiotic disorder)	1	0	0	0
Sooty Mold (Unidentified Fungus)	0	0	0	2
Cryptomeria (<i>Cryptomeria</i> sp./spp.) 5				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Maskell Scale (<i>Lepidosaphes maskelli</i>)	1	0	0	0
Pestalotiopsis Needle Blight; Tip Blight (<i>Pestalotiopsis</i> sp./spp.)	1	0	0	0
Twospotted Spider Mite (<i>Tetranychus urticae</i>)	1	0	0	0
Cypress, Arizona (<i>Cupressus arizonica</i>) 2				
Cypress canker (<i>Seiridium unicorne</i>) ()	1	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Cypress, Italian (<i>Cupressus sempervirens</i>) 4				
Dieback; Canker (<i>Diplodia</i> sp./spp.)	1	0	0	0
Dieback; Canker (<i>Seiridium</i> sp./spp.)	1	0	0	0
Seiridium Canker (<i>Seiridium unicorne</i>)	1	0	0	0
Spider Mites (Family Tetranychidae)	1	0	0	0
Daphne, Winter (<i>Daphne odora</i>) 2				
Crown Rot; Collar Rot [<i>Thielaviopsis basicola</i> (<i>Chalara elegans</i>)]	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Cultural/Environmental Problem (Abiotic disorder)	1	0	0	0
Daylily (Hemerocallis sp./spp. hybrids) 2				
Anthracnose; Colletotrichum Leaf Spot (Colletotrichum sp./spp.)	1	0	0	0
Daylily Leafminer (Ophiomyia kwansonis)	1	0	0	0
Dogwood (Cornus sp./spp.) 2				
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Powdery Mildew (Oidium sp./spp.)	1	0	0	0
Dogwood, Flowering (Cornus florida) 7				
Moisture Stress (Abiotic disorder)	0	0	1	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Powdery Mildew (Oidium sp./spp.)	1	0	0	0
Septoria Leaf Spot (Septoria sp./spp.)	1	0	0	0
Spot Anthracnose (Elsinoe corni)	3	0	0	0
Dogwood, Japanese (Kousa) (Cornus kousa) 2				
Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)	1	0	0	0
Phytophthora Root and Crown Rot (Phytophthora cinnamomi)	1	0	0	0
Elm (Ulmus sp./spp.) 3				
Cultural/Environmental Problem (Abiotic disorder)	1	0	0	0
Eriophyid Gall Mite (Unidentified species)	0	0	0	1
Slippery Elm Pouchgall Aphid (Gobaishia ulmifusus)	0	0	1	0
Eucalyptus, Silver-dollar Tree (Eucalyptus cinerea) 2				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Macrophoma Leaf Spot (Macrophoma sp./spp.)	1	0	0	0
Euonymus, Evergreen (Euonymus japonicus) 1				
Euonymus Scale (Unaspis euonymi)	1	0	0	0
Fatshedera, Ivy Tree (Fatshedera lizei) 2				
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Pythium Root and/or Crown Rot (Pythium sp./spp.)	1	0	0	0
Fern, Boston (Nephrolepis exaltata bostoniensis) 2				
Anthracnose Stem Blight (Colletotrichum sp./spp.)	1	0	0	0
Anthracnose; Colletotrichum Leaf Spot (Colletotrichum sp./spp.)	1	0	0	0
Fern, Holly (Cyrtomium falcatum) 4				
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0

	Confirmed	Not Detected	Suspected	Inconclusive
Hydrophobic soil/planting mix/media (Abiotic disorder)	0	0	1	0
Japanese Holly Fern Mottle (Japanese Holly Fern Mottle Virus (JHFMoV))	0	0	1	0
Fern, Kimberly Queen (<i>Nephrolepis obliterata</i>) 1				
Fertilizer Injury (Abiotic disorder)	1	0	0	0
Firethorn (<i>Pyracantha</i> sp./spp.) 2				
Fruit Rot (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Leaf Spot (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Forest Hardwoods (Forest hardwoods) 1				
Herbicide Injury; Exposure (Abiotic disorder)	1	0	0	0
Forsythia (golden bells) (<i>Forsythia</i> sp./spp.) 1				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Foxglove (<i>Digitalis purpurea</i>) 1				
Herbicide Drift (Abiotic disorder)	1	0	0	0
Gardenia (<i>Gardenia</i> sp./spp. hybrids) 5				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Mechanical Damage (Abiotic disorder)	0	0	1	0
Rhizoctonia Stem Rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Winter Injury (Abiotic disorder)	0	0	2	0
Gardenia, Common (Cape Jasmine) (<i>Gardenia jasminoides</i>) 1				
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Geranium, House (<i>Pelargonium x hortorum</i>) 10				
Bacterial Blight (<i>Xanthomonas campestris pelargon</i>)	0	1	0	0
Bacterial Wilt (<i>Ralstonia solanacearum</i>)	0	1	0	0
Botrytis Blight (<i>Botrytis</i> sp./spp.)	3	0	0	0
Botrytis Canker (<i>Botrytis</i> sp./spp.)	1	0	0	0
Poor Root Development (Abiotic disorder)	4	0	0	0
Hawthorne, Downy (<i>Crataegus mollis</i>) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Hemlock, Eastern (<i>Tsuga canadensis</i>) 3				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Elongate Hemlock Scale (<i>Fiorinia externa</i>)	1	0	0	0
Herbicide Drift (Abiotic disorder)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Hibiscus (<i>Hibiscus</i> sp./spp.) 1				
Cotton Aphid; Melon Aphid (<i>Aphis gossypii</i>)	1	0	0	0
Holly, American (<i>Ilex opaca</i>) 3				
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)		0	1	0
Yellow-bellied Sapsucker (<i>Sphyrapicus varius</i>)	0	0	1	0
Holly, Chinese (<i>Ilex cornuta</i>) 3				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Root Rot (Various Fungi)	0	0	0	1
Holly, Dahoon (youpon) (<i>Ilex cassine</i>) 2				
Branch Knot (<i>Sphaeropsis tumefaciens</i>)	0	0	1	0
Transplant Shock; Stress (Abiotic disorder)	0	0	1	0
Holly, Japanese (<i>Ilex crenata</i>) 7				
Black Root Rot [<i>Thielaviopsis basicola</i> (<i>Chalara elegans</i>)]	1	0	0	0
Citrus Flatid Planthopper (<i>Metcalfa pruinosa</i>)	0	0	1	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Latania Scale (<i>Hemiberlesia lataniae</i>)	1	0	0	0
Moisture Stress (Abiotic disorder)	1	0	0	0
Trunk Girdling (Abiotic disorder)	2	0	0	0
Holly, Helli (<i>Ilex crenata helleri</i>) 1				
Black Root Rot [<i>Thielaviopsis basicola</i> (<i>Chalara elegans</i>)]	1	0	0	0
Holly, Lusterleaf (<i>Ilex latifolia</i>) 5				
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	1	0
Leaf Scorch (Abiotic disorder)	1	0	0	0
Macrophoma Blight; Dieback (<i>Macrophoma</i> sp./spp.)	0	0	1	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Holly, Yaupon (<i>Ilex vomitoria</i>) 8				
Anthracnose; Twig Dieback (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Armillaria Root Rot (<i>Armillaria</i> sp./spp.)	1	0	0	0
Citrus Nematode (<i>Tylenchulus semipenetrans</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0

	Confirmed	Not Detected	Suspected	Inconclusive
Root Problems (Abiotic disorder)	0	0	2	0
Tea Scale (<i>Fiorinia theae</i>)	1	0	0	0
Hosta (<i>Hosta</i> sp./spp.) 2				
Bacterial Soft Rot (Unidentified Bacterium)	0	0	0	1
Fusarium Crown Rot (<i>Fusarium</i> sp./spp.)	0	0	1	0
Hydrangea (<i>Hydrangea</i> sp./spp.) 2				
Cercospora Leaf Spot (<i>Cercospora</i> sp./spp.)	1	0	0	0
Herbicide Drift (Abiotic disorder)	0	0	1	0
Hydrangea, Bigleaf (<i>Hydrangea macrophylla</i>) 1				
Glyphosate Injury (Abiotic disorder)	0	0	1	0
Hydrangea, Oakleaf (<i>Hydrangea quercifolia</i>) 2				
Phytophthora Root and Crown Rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0
Root Problem (Unknown Cause)	0	0	1	0
Impatiens (<i>Impatiens</i> sp./spp.) 2				
Chemical; Environmental Injury (Abiotic disorder)	0	0	1	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Indian Hawthorn (<i>Raphiolepis indica</i>) 3				
Entomosporium Leaf Spot (<i>Entomosporium</i> sp./spp.)	2	0	0	0
Leaf Spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Iris (<i>Iris</i> sp./spp.) 2				
Bacterial Soft Rot (<i>Pectobacterium carotovorum carotovorum</i>)	0	0	1	0
Blue Mold Rot (<i>Penicillium</i> sp./spp.)	1	0	0	0
Ivy (<i>Hedera</i> sp./spp.) 2				
Anthracnose; Leaf Spot (<i>Colletotrichum trichellum</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Ivy, Algerian (<i>Hedera canariensis</i>) 2				
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
False Oleander Scale (<i>Pseudaulacaspis cockerelli</i>)	1	0	0	0
Ivy, English Ivy (<i>Hedera helix</i>) 1				
Crown Rot; Root Rot; Stem Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Juniper (<i>Juniperus</i> sp./spp.) 11				
Armillaria Root Rot (<i>Armillaria</i> sp./spp.)	1	0	0	0
Cedar-apple Rust (<i>Gymnosporangium juniperi-virginianae</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Drainage Problem (Abiotic disorder)	0	0	1	0
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Herbicide Injury; Exposure (Abiotic disorder)	0	0	1	0
Mechanical Damage (Abiotic disorder)	2	0	0	0
Mite Damage (Unidentified Mite)	0	0	0	2
Twospotted Spider Mite (<i>Tetranychus urticae</i>)	1	0	0	0
Juniper, Hollywood (<i>Juniperus chinensis torulosa</i>) 2				
Crown Gall (<i>Agrobacterium tumefaciens</i>)	0	1	0	0
Rust (Unidentified Fungus)	0	0	0	1
Juniper, Japanese Garden (<i>Juniperus procumbens nana</i>) 3				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Kabatina Tip Blight; Needle Blight (<i>Kabatina juniperi</i>)	1	0	0	0
Phytophthora Root and Crown Rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0
Juniper, Rocky Mountain (<i>Juniperus scopulorum</i>) 2				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Macrophoma Blight; Dieback (<i>Macrophoma</i> sp./spp.)	0	0	1	0
Juniper, Shore (<i>Juniperus conferta</i>) 4				
Aerial Blight (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Lavender (<i>Lavandula</i> sp./spp.) 30				
Black Root Rot [<i>Thielaviopsis basicola</i> (<i>Chalara elegans</i>)]	2	0	0	0
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	2	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Fusarium Crown Rot (<i>Fusarium</i> sp./spp.)	2	0	0	0
Insect Damage (Unidentified Insect)	0	0	0	1
Phytophthora Crown and/or Root Rot (<i>Phytophthora nicotianae</i>)	14	0	0	0
Phytophthora Root Rot (<i>Phytophthora palmivora</i>)	4	0	0	0
Unspecified Pathology (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Lavender, English (<i>Lavandula angustifolia</i>) 2				
Black Root Rot [<i>Thielaviopsis basicola</i> (<i>Chalara elegans</i>)]	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Phytophthora Crown and/or Root Rot (<i>Phytophthora nicotianae</i>)	1	0	0	0
Lenten Rose, Hellebore (<i>Helleborus</i> sp./spp.) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Leyland Cypress (<i>X cupressocyparis leylandii</i>) 29				
Bagworm (<i>Thyridopteryx ephemeraeformis</i>)	2	0	0	0
Bark Damage (Abiotic disorder)	0	0	1	0
Cedar and Cypress Bark Beetle (<i>Phloeosinus</i> sp./spp.)	0	0	1	0
Cercospora Blight (<i>Passalora sequoiae</i>)	2	0	0	0
Conifer Needle Blight (<i>Passalora sequoiae</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	1	0	6	0
Dieback; Canker (<i>Seiridium</i> sp./spp.)	2	0	0	0
Dieback; Canker (<i>Seiridium unicorne</i>)	2	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	4	0	1	0
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Macrophoma Blight; Dieback (<i>Macrophoma</i> sp./spp.)	1	0	0	0
Phytophthora Root and Crown Rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0
Scale Insects (Order homoptera)	1	0	0	0
Seiridium canker (<i>Seiridium unicorne</i>)	1	0	0	0
Seiridium dieback (<i>Seiridium unicorne</i>)	1	0	0	0
Ligustrum; Privet (<i>Ligustrum</i> sp./spp.) 10				
Canker; Stem Blight; Dieback (<i>Botryosphaeria dothidea</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Drainage Problem (Abiotic disorder)	0	0	1	0
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	1	0
Leaf Spot (<i>Pseudocercospora</i> sp./spp.)	3	0	0	0
Stem Rot; Dieback; Canker (<i>Botryodiplodia</i> sp./spp.)	0	0	1	0
Ligustrum, Japanese Privet (<i>Ligustrum japonicum</i>) 6				
Cercospora Leaf Spot (<i>Cercospora</i> sp./spp.)	1	0	0	0
Chemical; Environmental Injury (Abiotic disorder)	0	0	1	0
Glyphosate Injury (Abiotic disorder)	0	0	1	0
Leaf Spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Natural Senescence (Abiotic disorder)	0	0	1	0
Root Problems (Abiotic disorder)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Ligustrum, Chinese, Privet (<i>Ligustrum sinense</i>) 3				
Leaf Spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Powdery Mildew (<i>Oidium</i> sp./spp.)	1	0	0	0
Privet Bud Mite (<i>Aculus ligustri</i>)	0	0	1	0
Lilac (<i>Syringa</i> sp./spp.) 1				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Loquat (<i>Eriobotrya japonica</i>) 2				
Aphids (Plant Lice) (Family Aphididae)	1	0	0	0
Root Problem (Unknown Cause)	0	0	0	1
Loropetalum, Chinese Fringe-flower (<i>Loropetalum</i> sp./spp.) 2				
Glyphosate Injury (Abiotic disorder)	0	0	1	0
Leaf Spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Magnolia, Saucer(<i>Magnolia x soulangiana</i>) 1				
Tuliptree Scale (<i>Toumeyella liriodendri</i>)	1	0	0	0
Magnolia, Southern (<i>Magnolia grandiflora</i>) 22				
Algal Leaf Spot (<i>Cephaleuros</i> sp./spp.)	0	0	1	0
Algal Leaf Spot (<i>Cephaleuros virescens</i>)	3	0	0	0
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	2	0	0	0
Boron Toxicity (Abiotic disorder)	0	0	1	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	5	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
False Oleander Scale (<i>Pseudaulacaspis cockerelli</i>)	2	0	0	0
Lichenized Algal Leaf Spot (<i>Strigula</i> sp./spp.)	0	0	3	0
Lichens (Lichenes)	0	0	1	0
Seasonal Leaf Drop (Abiotic disorder)	0	0	2	0
Spider Mites (Family Tetranychidae)	1	0	0	0
Magnolia, Sweet Bay (<i>Magnolia virginiana</i>) 3				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Lichenized Algal Leaf Spot (<i>Strigula</i> sp./spp.)	0	0	1	0
Mite Damage (Unidentified Mite)	0	0	0	1
Mandevilla (<i>Mandevilla</i> sp./spp.) 1				
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Maple (<i>Acer</i> sp./spp.) 11				
Anthracnose (<i>Discula quercina</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Lecanium Scales (<i>Lecanium</i> sp./spp.)	1	0	0	0
Maple Decline (Complex of Biotic; Abiotic Factors)	1	0	1	0
Maple Leaf Spot (<i>Phyllosticta minima</i>)	1	0	0	0
Obscure Scale (<i>Melanaspis obscura</i>)	1	0	0	0
Phyllosticta Leaf Spot (<i>Phyllosticta</i> sp./spp.)	2	0	0	0
Sphaeropsis Dieback (<i>Sphaeropsis</i> sp./spp.)	1	0	0	0
Maple, Japanese (<i>Acer palmatum</i>) 2				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Trunk Girdling (Abiotic disorder)	1	0	0	0
Maple, Red (<i>Acer rubrum</i>) 4				
Canker (Unidentified Agent)	0	0	0	1
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Insect Damage (Unidentified Insect)	0	0	0	1
Maple Decline (Complex of Biotic; Abiotic Factors)	0	0	1	0
Maple, Silver (<i>Acer saccharinum</i>) 3				
Cultural/Environmental Problem (Abiotic disorder)	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	0	1
Phyllosticta Leaf Spot (<i>Phyllosticta</i> sp./spp.)	1	0	0	0
Maple, Southern Sugar (Florida) (<i>Acer barbatum</i>) 2				
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Maple, Sugar (<i>Acer saccharum</i>) 8				
Armillaria Root Rot (<i>Armillaria</i> sp./spp.)	0	0	1	0
Canker (<i>Stegonosporium pyriforme</i>)	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	0	1
Maple Decline (Complex of Biotic; Abiotic Factors)	0	0	1	0
Maple Leaf Spot (<i>Phyllosticta minima</i>)	1	0	0	0
Phomopsis Leaf Spot (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Phyllosticta Leaf Spot (<i>Phyllosticta</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Transplant Shock; Stress (Abiotic disorder)	1	0	0	0
Maple, Trident (<i>Acer buergerianum</i>) 4				
Cultural/Environmental Problem (Abiotic disorder)	0	0	3	0
Phomopsis Leaf Spot (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Miraculous Berry (<i>Synsepalum dulcificum</i>) 1				
Cultural/Environmental Problem (Abiotic disorder)	1	0	0	0
Miscanthus, Silvergrass (<i>Miscanthus</i> sp./spp.) 1				
Leaf Rust; rust (<i>Puccinia</i> sp./spp.)	1	0	0	0
Mondograss (dwarf lily turf) (<i>Ophiopogon japonicus</i>) 4				
Anthracnose; <i>Colletotrichum</i> Leaf Spot (<i>Colletotrichum</i> sp./spp.)	2	0	0	0
Fusarium Basal Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Soil Compaction (Abiotic disorder)	1	0	0	0
Monkey-puzzle Tree (<i>Araucaria araucana</i>) 2				
Phyllosticta Leaf Spot (<i>Phyllosticta</i> sp./spp.)	1	0	0	0
Phytophthora Root and Crown Rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0
New Guinea impatiens (<i>Impatiens hawkeri</i>) 1				
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Oak (<i>Quercus</i> sp./spp.) 8				
Anthracnose (<i>Discula quercina</i>)	1	0	0	0
Gall Wasps (Family Cynipidae)	1	0	0	0
Herbicide Injury; Exposure (Abiotic disorder)	0	0	1	0
Kermes Scale (<i>Kermes</i> sp./spp.)	1	0	0	0
Oak Leaf Blister (<i>Taphrina caerulescens</i>)	3	0	0	0
Yellow-bellied Sapsucker (<i>Sphyrapicus varius</i>)	0	0	1	0
Oak, Black (<i>Quercus velutina</i>) 1				
Oak Leaf Blister (<i>Taphrina caerulescens</i>)	1	0	0	0
Oak, Chestnut (<i>Quercus prinus</i>) 5				
Actinopelte Leaf Spot (<i>Dicarpella dryina</i>)	1	0	0	0
Anthracnose (<i>Discula quercina</i>)	1	0	0	0
Environmental Stress; Problem (Abiotic disorder)	1	0	0	0
Leaf Spot (<i>Tubakia dryina</i>)	1	0	0	0
Leaf Spot (<i>Tubakia</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Oak, Laurel (<i>Quercus laurifolia</i>) 3				
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	2	0	0	0
Leaf Spot (<i>Tubakia dryina</i>)	1	0	0	0
Oak, Live (<i>Quercus virginiana</i>) 19				
Anthracnose (<i>Discula quercina</i>)	1	0	1	0
Aphids (Plant Lice) (Family Aphididae)	2	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Gall Wasps (Family Cynipidae)	2	0	0	0
Leaf Spot (<i>Botryodiplodia</i> sp./spp.)	1	0	0	0
Leaf Spot (<i>Tubakia dryina</i>)	1	0	0	0
Oak Decline (Complex of Biotic; Abiotic Factors)	0	0	1	0
Oak Lace Bug (<i>Corythucha arcuata</i>)	1	0	0	0
Oak Leaf Blister (<i>Taphrina caerulescens</i>)	1	0	0	0
Orangestriped Oakworm (<i>Anisota senatoria</i>)	0	0	1	0
Pine Oak Gall Rust (<i>Cronartium quercuum</i>)	1	0	0	0
Spider Mites (Family Tetranychidae)	3	0	0	0
Oak, Northern Red (<i>Quercus rubra</i>) 4				
Cultural/Environmental Problem (Abiotic disorder)	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	0	1
Oak Leaf Blister (<i>Taphrina caerulescens</i>)	1	0	0	0
Solitary Oak Leafminer (<i>Cameraria hamadryadella</i>)	1	0	0	0
Oak, Pin (<i>Quercus palustris</i>) 1				
Anthracnose (<i>Discula quercina</i>)	1	0	0	0
Oak, Post (<i>Quercus stellata</i>) 1				
Jumping Oak Gall Wasp (<i>Neuroterus saltatorius</i>)	1	0	0	0
Oak, Turkey (<i>Quercus laevis</i>) 2				
Leaf Spot (<i>Tubakia</i> sp./spp.)	1	0	0	0
Wood Boring Insect Damage (Unidentified Wood Boring Insect)	0	0	0	1
Oak, Water (<i>Quercus nigra</i>) 15				
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	0	1

	Confirmed	Not Detected	Suspected	Inconclusive
Kermes Scale (<i>Kermes</i> sp./spp.)	1	0	0	0
Leaf Spot (<i>Tubakia dryina</i>)	2	0	0	0
Oak Leaf Blister (<i>Taphrina caerulescens</i>)	2	0	0	0
Oak Skeletonizer (<i>Bucculatrix ainsliella</i>)	0	0	2	0
Pine Oak Gall Rust (<i>Cronartium quercuum</i>)	3	0	0	0
Wood Boring Insect Damage (Unidentified Wood Boring Insect)	0	0	0	1
Oak, White (<i>Quercus alba</i>) 16				
Anthraxnose (<i>Discula quercina</i>)	1	0	0	0
Bark Beetles; Ambrosia Beetles (Family Scolytidae)	1	0	0	0
Canker (<i>Hypoxylon</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Decline; Dieback (Abiotic disorder)	0	0	1	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Gracillariid Leafminer (<i>Cameraria</i> sp./spp.)	1	0	0	0
Leaf Spot (<i>Tubakia dryina</i>)	2	0	0	0
Leaf Spot (<i>Tubakia</i> sp./spp.)	1	0	0	0
Mite Damage (Unidentified Mite)	0	0	0	1
Oak Lace Bug (<i>Corythucha arcuata</i>)	1	0	0	0
Oak Twig Blight (<i>Coryneum kunzei</i>)	1	0	0	0
Phytophthora Root and Crown Rot (<i>Phytophthora cinnamomi</i>)	1	0	0	0
Scarlet Oak Sawfly (<i>Caliroa quercuscoccineae</i>)	0	0	1	0
Twolined Chestnut Borer (<i>Agrilus bilineatus</i>)	0	0	1	0
Oak, Willow (<i>Quercus phellos</i>) 5				
Glyphosate Injury (Abiotic disorder)	0	0	1	0
Herbicide Drift (Abiotic disorder)	0	0	1	0
Oak Leaf Blister (<i>Taphrina caerulescens</i>)	1	0	0	0
Pine Oak Gall Rust (<i>Cronartium quercuum</i>)	1	0	0	0
Praying Mantis (<i>Hierodula patellifera</i>)	1	0	0	0
Palm, Areca; butterfly palm (<i>Chrysalidocarpus (dypsis) lutescens</i>) 4				
Anthraxnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	2	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Tessellated Scale (<i>Eucalymnatus tessellatus</i>)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Palm, European Fan (<i>Chamaerops humilis palmae</i>) 3				
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Tessellated Scale (<i>Eucalymnatus tessellatus</i>)	0	0	1	0
Palm, Pindo (jelly) palm (<i>Butia capitata</i>) 1				
Armillaria Root Rot; Butt Rot (<i>Armillaria</i> sp./spp.)	0	0	1	0
Palm, Sago (<i>Cycas revoluta</i>) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Palm, Washington (<i>Washingtonia</i> sp./spp.) 2				
Leaf Spot (<i>Pestalotiopsis</i> (<i>Pestalotia</i>) sp./spp.)	1	0	0	0
Mite Damage (Unidentified Mite)	0	0	0	1
Pampasgrass (<i>Cortaderia</i> sp./spp.) 2				
Bacterial Blight (Unidentified Bacteria)	0	0	0	1
Gray Leaf Spot (<i>Pyricularia grisea</i>)	1	0	0	0
Pansy (<i>Viola wittrockiana</i>) 3				
Cercospora Leaf Spot (<i>Cercospora</i> sp./spp.)	1	0	0	0
Crown Rot (Unidentified Fungus)	0	0	0	1
Crown Rot; Root Rot; Stem Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Pansy, Violets (<i>Viola</i> sp./spp.) 1				
Black Root Rot [<i>Thielaviopsis basicola</i> (<i>Chalara elegans</i>)]	1	0	0	0
Paperbush (<i>Edgeworthia</i> sp./spp.) 1				
Crown Rot; Root Rot; Stem Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Peony (<i>Paeonia</i> sp./spp.) 1				
Crown Rot (Unidentified Fungus)	0	0	1	0
Periwinkle, Greater (<i>Vinca major</i>) 1				
Powdery Mildew (<i>Golovinomyces orontii</i>)	1	0	0	0
Periwinkle, Lesser (<i>Vinca minor</i>) 2				
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Rhizoctonia Stem Rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Pine (<i>Pinus</i> sp./spp.) 1				
Black Turpentine Beetle (<i>Dendroctonus terebrans</i>)	0	0	1	0
Pine, Eastern White (<i>Pinus strobus</i>) 1				
Phytophthora Root Rot (<i>Phytophthora cryptogea</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Pine, Japanese Black (<i>Pinus thunbergiana</i>) 3				
Black Turpentine Beetle (<i>Dendroctonus terebrans</i>)	0	0	1	0
Branch Canker and Dieback (Unidentified Agent)	0	0	0	1
Brown Spot ; Needle Blight (<i>Mycosphaerella dearnessii</i>)	1	0	0	0
Pine, Loblolly (<i>Pinus taeda</i>) 2				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Sap Stain/ Wilt (<i>Leptographium</i> sp./spp.)	1	0	0	0
Pine, Longleaf (<i>Pinus palustris</i>) 2				
Redheaded Pine Sawfly (<i>Neodiprion lecontei</i>)	2	0	0	0
Pinks (<i>Dianthus</i> sp./spp.) 1				
Bacterial Leaf Spot (Unidentified Bacteria)	0	0	0	1
Pittosporum, Japanese (<i>Pittosporum tobira</i>) 4				
Leaf Spot (<i>Pseudocercospora pittospori</i>)	1	0	0	0
Rhizoctonia Stem Rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Botrytis Blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Podocarpus, Japanese Yew (<i>Podocarpus macrophyllus</i>) 10				
Cultural/Environmental Problem (Abiotic disorder)	0	0	6	0
Anthracnose Stem Blight (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	5	0
Macrophoma Blight; Dieback (<i>Macrophoma</i> sp./spp.)	1	0	0	0
Mechanical Damage (Abiotic disorder)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Poplar (hybrids) (<i>Populus</i> sp./spp. hybrids) 1				
Anthracnose; <i>Colletotrichum</i> Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Redbud (<i>Cercis</i> sp./spp.) 1				
Phyllosticta Leaf Spot (<i>Phyllosticta</i> sp./spp.)	1	0	0	0
Redbud, Eastern (<i>Cercis canadensis</i>) 3				
Anthracnose; <i>Colletotrichum</i> Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Leaf Spot (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Red-tip Photinia (<i>Photinia fraseri</i>) 1				
Leaf Spot [<i>Entomosporium mespili</i> (<i>Diplocarpon maculata</i>)]	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Redwood (<i>Sequoia sempervirens</i>) 2				
Anthracnose Needle Blight (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Rhododendron (<i>Rhododendron</i> sp./spp.) 3				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Phomopsis Canker and Twig Blight (<i>Diaporthe</i> (<i>Phomopsis</i>) <i>vaccinii</i>)	1	0	0	0
Ramorum Blight (<i>Phytophthora ramorum</i>)	0	1	0	0
Rose (<i>Rosa</i> sp./spp.) 14				
Black Spot (Rose) (<i>Diplocarpon</i> (<i>Marssonina</i>) <i>rosae</i>)	1	0	0	0
Bristly Roseslug (<i>Cladius difformis</i>)	0	0	1	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	3	0
Florida Red Scale (<i>Chrysomphalus aonidum</i>)	0	0	1	0
Fungal Canker (Various Fungi)	0	0	0	1
Herbicide Injury; Exposure (Abiotic disorder)	1	0	0	0
Phomopsis Canker; Rough Bark [<i>Phomopsis mali</i> (<i>Diaporthe</i> <i>perniciosa</i>)]	1	0	0	0
Rose Downy Mildew (<i>Peronospora sparsa</i>)	1	0	0	0
Rose Rosette Disease (Rose rosette-associated virus (RRaV))	0	1	1	0
Roseslug (<i>Endelomyia aethiops</i>)	0	0	1	0
Roseslug (<i>Endelomyia</i> sp./spp.)	0	0	1	0
Rose, Lady Bank's (<i>Rosa banksiae</i>) 3				
Anthracnose; Twig Dieback (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Natural Senescence (Abiotic disorder)	0	0	1	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Rose-of-sharon (shrub-althea) (<i>Hibiscus syriacus</i>) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Rhododendron, Rosebay (<i>Rhododendron maximum</i>) 3				
Anthracnose; <i>Colletotrichum</i> Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Sedum; Stonecrop (<i>Sedum rupestre</i>) 1				
Pythium Root and/or Stem Rot (<i>Pythium</i> sp./spp.) ()	1	0	0	0
Silverbell, Two-wing (<i>Halesia diptera</i>) 1				
Cerambycid Beetles (Family <i>Cerambycidae</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Spruce, Blue (<i>Picea pungens</i>) 2				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Spruce, Norway (<i>Picea abies</i>) 1				
Herbicide Injury; Exposure (Abiotic disorder)	0	0	1	0
Sweetgum, American (<i>Liquidambar styraciflua</i>) 4				
Cercospora Leaf Spot (<i>Cercospora</i> sp./spp.)	1	0	0	0
Herbicide Drift (Abiotic disorder)	0	0	1	0
Insect Damage (Unidentified Insect)	0	0	0	1
Leaf Spot (<i>Tubakia dryina</i>)	1	0	0	0
Tea Olive, Sweet (<i>Osmanthus fragrans</i>) 9				
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	1	0	5	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Leaf Scorch (Abiotic disorder)	1	0	0	0
Trillium (<i>Trillium</i> sp./spp.) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Viburnum (<i>Viburnum</i> sp./spp.) 6				
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Phomopsis Leaf Spot (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Ramorum Blight (<i>Phytophthora ramorum</i>)	0	1	0	0
Root Girdling (Abiotic disorder)	1	0	0	0
Viburnum, Chindo (<i>Viburnum awabuki</i>) 1				
Herbicide Drift (Abiotic disorder)	0	0	1	0
Viburnum, Laurustinus (<i>Viburnum tinus</i>) 1				
Thrips (<i>Frankliniella</i> sp./spp.)	1	0	0	0
Viburnum, Sandankwa (<i>Viburnum suspensum</i>) 6				
Botrytis Blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	3	0
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	1	0
Viburnum, Sweet (<i>Viburnum odoratissimum</i>) 3				
Botrytis Blight (<i>Botrytis</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Leaf Spot (Unknown cause)	0	0	0	1
Wax Myrtle, Southern Bayberry (<i>Myrica cerifera</i>) 2				
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Anthracnose; Twig Dieback (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Weeping Willow, Babylonian (<i>Salix babylonica</i>) 1				
Cercospora Leaf Spot (<i>Pseudocercospora salicina</i>)	1	0	0	0
Zelkova (<i>Zelkova</i> sp./spp.) 1				
Armillaria Root Rot; Butt Rot (<i>Armillaria</i> sp./spp.)	1	0	0	0
Zinnia (<i>Zinnia</i> sp./spp. hybrids) 4				
Common Thrips (Family Thripidae)	1	0	0	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Unidentified Virus (Unidentified Virus)	0	0	0	1
Unknown Abiotic Disorder (Abiotic disorder)	0	0	0	1

Diagnoses and Identifications on Turfgrasses

	Confirmed	Not Detected	Suspected	Inconclusive
Bahiagrass (<i>Paspalum notatum</i>) 3				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Fusarium Crown Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Bentgrass (<i>Agrostis</i> sp./spp.) 4				
Pythium Root Dysfunction (<i>Pythium</i> sp./spp.)	2	0	0	0
Sheath Nematodes (<i>Hemicycliophora</i> sp./spp.)	1	0	0	0
Spiral Nematodes (<i>Helicotylenchus</i> sp./spp.)	1	0	0	0
Bermudagrass (<i>Cynodon dactylon</i>) 3				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Dollar Spot (<i>Sclerotinia homeocarpa</i>)	1	0	0	0
Nutrient Imbalance (Abiotic disorder)	1	0	0	0
Bermudagrass (<i>Cynodon</i> sp./spp.) 108				
Anthracnose (<i>Colletotrichum graminicola</i>)	1	0	0	0
Argentine Fingergrass (<i>Eustachys retusa</i>)	1	0	0	0
Bermudagrass Scale (<i>Odonaspis ruthae</i>)	1	0	0	0
Cream Leaf Blight (<i>Limonomyces roseipellis</i>)	1	0	3	0
Cultural/Environmental Problem (Abiotic disorder)	6	0	9	0
Curvularia Blight; Leaf Spot (<i>Curvularia</i> sp./spp.)	2	0	0	0
Dead Spot (<i>Opiosphaerella agrostis</i>)	0	0	1	0
Dense Thatch Layer (Abiotic disorder)	3	0	0	0
Dollar Spot (<i>Sclerotinia homeocarpa</i>)	1	0	0	0
Drainage Problem (Abiotic disorder)	2	0	2	0
Goosegrass (<i>Eleusine indica</i>)	1	0	0	0
Helminthosporium Leaf Spot (<i>Bipolaris cynodontis</i>)	1	0	0	0
Hydrophobic soil/planting mix/media (Abiotic disorder)	1	0	0	0
Johnsongrass (<i>Sorghum halepense</i>)	1	0	0	0
Lance Nematodes (<i>Hoplolaimus</i> sp./spp.)	5	0	0	0
Leaf Spot (<i>Bipolaris</i> sp./spp.)	4	0	0	0
Leaf Spot (<i>Exserohilum</i> sp./spp.)	1	0	0	0
Leaf Spot; Leaf Blight (<i>Exserohilum rostratum</i>)	4	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Meadow Fescue (<i>Festuca pratensis</i>)	1	0	0	0
Microdochium patch (<i>Microdochium nivale</i>)	4	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Perennial Ryegrass (<i>Lolium perenne</i>)	1	0	0	0
Pink Snow Mold; Fusarium Patch (<i>Monographella nivalis</i>)	1	0	0	0
Poor Leaf Emergence (Abiotic disorder)	1	0	6	0
Purpletop (<i>Tridens flavus</i>)	1	0	0	0
Pythium Blight; Cottony Blight (<i>Pythium</i> sp./spp.)	5	0	0	0
Root Decline of Warm Season Grasses (<i>Gaeumannomyces graminis</i> var. <i>graminis</i>)	1	0	0	0
Root Problems (Abiotic disorder)	2	0	2	0
Root-knot Nematodes (<i>Meloidogyne</i> sp./spp.)	8	0	1	0
Smooth Crabgrass (<i>Digitaria ischaemum</i>)	2	0	0	0
Smutgrass (<i>Sporobolus indicus</i>)	1	0	0	0
Soil Compaction (Abiotic disorder)	7	0	0	0
Southern Chinch Bug (<i>Blissus insularis</i>)	1	0	0	0
Spiral Nematodes (<i>Helicotylenchus</i> sp./spp.)	1	0	0	0
Spring Dead Spot (<i>Ophiosphaerella</i> sp./spp.)	0	0	1	0
Spring Rose Beetle (<i>Strigoderma arvicola</i>)	1	0	0	0
Sting Nematodes (<i>Belonolaimus</i> sp./spp.)	4	0	0	0
Tall Fescue (<i>Festuca arundinacea</i>)	1	0	0	0
Winter Injury (Abiotic disorder)	0	0	1	0
White Wild Indigo (<i>Baptisia alba</i>)	1	0	0	0
Yellow Patch (<i>Ceratobasidium cereale</i>)	1	0	0	0
Centipedegrass (<i>Eremochloa ophiuroides</i>) 183				
Annual Trampweed (<i>Facelis retusa</i>)	1	0	0	0
Anthracnose (<i>Colletotrichum graminicola</i>)	7	0	0	0
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	2	0	0	0
Bahiagrass Billbug (<i>Sphenophorus coesifrons</i>)	1	0	0	0
Bermudagrass Scale (<i>Odonaspis ruthae</i>)	2	0	0	0
Bird Damage (Abiotic disorder)	0	0	1	0
Brown Patch (<i>Rhizoctonia</i> sp./spp.)	3	0	0	0
Chemical; Environmental Injury (Abiotic disorder)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Common Chickweed (<i>Stellaria media</i>)	1	0	0	0
Crabgrass (<i>Digitaria sp./spp.</i>)	1	0	0	0
Crown Rot (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	13	0	36	0
Curvularia Blight; Leaf Spot (<i>Curvularia sp./spp.</i>)	5	0	0	0
Dollar Spot (<i>Sclerotinia homeocarpa</i>)	6	0	1	0
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Excessive Water (Abiotic disorder)	2	0	0	0
Fairy Ring (Various Fungi)	0	0	0	1
Gray Leaf Spot (<i>Pyricularia grisea</i>)	1	0	0	0
Henbit (<i>Lamium amplexicaule</i>)	1	0	0	0
Herbicide Injury; Exposure (Abiotic disorder)	0	0	1	0
High pH Damage (Abiotic disorder)	1	0	0	0
Hydrophobic soil (Abiotic disorder)	3	0	5	0
Insect Damage (Unidentified Insect)	0	0	0	2
Insufficient Light (Abiotic disorder)	0	0	1	0
Large Patch [<i>Rhizoctonia solani</i> (<i>Thanatephorus cucumeris</i>)]	13	0	0	0
Leptosphaerulina Leaf Blight (<i>Leptosphaerulina australis</i>)	1	0	0	0
Nigrospora Blight (<i>Nigrospora sp./spp.</i>)	3	0	0	0
Nutrient Imbalance (Abiotic disorder)	4	0	6	0
Nutritional Deficiency (Abiotic disorder)	1	0	0	0
Phosphorus Deficiency (Abiotic disorder)	0	0	1	0
Poor Leaf Emergence (Abiotic disorder)	12	0	20	0
Pythium Blight; Cottony Blight (<i>Pythium sp./spp.</i>)	5	0	0	0
<i>Rhizoctonia</i> Leaf Spot and/or Leaf Blight (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Rhodesgrass Mealybug (<i>Antonina graminis</i>)	0	0	1	0
Root Decline of Warm Season Grasses (<i>Gaeumannomyces graminis</i> var. <i>graminis</i>)	1	0	0	0
Root Problem (Unknown Cause)	0	0	0	1
Root Problems (Abiotic disorder)	1	0	0	0
Root-knot Nematodes (<i>Meloidogyne sp./spp.</i>)	0	0	1	0
Sedge (<i>Cyperus sp./spp.</i>)	1	0	0	0
Sheath Blight (<i>Rhizoctonia sp./spp.</i>)	2	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Soil Compaction (Abiotic disorder)	1	0	0	0
Thin Paspalum (<i>Paspalum setaceum</i>)	1	0	0	0
Torpedograss (<i>Panicum repens</i>)	1	0	0	0
Twolined Spittlebug (<i>Prosapia bicincta</i>)	0	0	3	0
Yellow Patch [<i>Rhizoctonia cerealis</i> (<i>Ceratobasidium cereale</i>)]	1	0	0	0
Crabgrass (<i>Digitaria</i> sp./spp.) 1				
Leaf Spot; Leaf Blight (<i>Exserohilum rostratum</i>)	1	0	0	0
Fescues (<i>Festuca</i> spp) 15				
Annual Ryegrass; Italian Ryegrass (<i>Lolium perenne multiflorum</i>)	0	0	1	0
Anthracnose (<i>Colletotrichum graminicola</i>)	4	0	0	0
Brown Patch [<i>Rhizoctonia solani</i> (<i>Thanatephorus cucumeris</i>)]	4	0	0	0
Excessive Water (Abiotic disorder)	2	0	0	0
Helminthosporium Leaf Spot/ Leaf Blight (<i>Helminthosporium</i> sp./spp.)	0	0	1	0
Lovegrass (<i>Eragrostis lutescens</i>)	1	0	0	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Soil Compaction (Abiotic disorder)	1	0	0	0
Fescue, Tall (<i>Festuca arundinacea</i>) 3				
Creeping Bentgrass (Marsh Bentgrass) (<i>Agrostis stolonifera</i> (<i>palustris</i>))	0	0	1	0
Leaf Rust; rust (<i>Puccinia</i> sp./spp.)	1	0	0	0
Leaf Spot (Unidentified Fungus)	0	0	0	1
Ryegrass (<i>Lolium</i> sp./spp.) 2				
Low pH Damage (Abiotic disorder)	1	0	0	0
Seashore Paspalum (<i>Paspalum vaginatum</i>) 1				
Large Patch [<i>Rhizoctonia solani</i> (<i>Thanatephorus cucumeris</i>)]	1	0	0	0
St. Augustinegrass (<i>Stenotaphrum secundatum</i>) 107				
Chinch Bug Complex (<i>Blissus</i> sp./spp.)	18	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	2	0	22	0
Curvularia Blight; Leaf Spot (<i>Curvularia</i> sp./spp.)	1	0	0	0
Dense Thatch Layer (Abiotic disorder)	2	0	0	0
Excessive Water (Abiotic disorder)	1	0	0	0
Fairy Ring (Various Fungi)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Gray Leaf Spot (<i>Pyricularia grisea</i>)	34	0	1	0
Hydrophobic soil (Abiotic disorder)	3	0	0	0
Insect Damage (Unidentified Insect)	0	0	1	1
Large Patch [<i>Rhizoctonia solani</i> (<i>Thanatephorus cucumeris</i>)]	2	0	0	0
Leaf Spot (Various Fungi)	0	0	1	0
Low pH Damage (Abiotic disorder)	1	0	0	0
Nutrient Imbalance (Abiotic disorder)	2	0	0	0
Panicum Mosaic (Panicum Mosaic Virus (PMV))	0	0	1	0
Poor Growing Conditions (Abiotic disorder)	1	0	0	0
Poor Leaf Emergence (Abiotic disorder)	1	0	4	0
Pythium Blight; Cottony Blight (<i>Pythium</i> sp./spp.)	1	0	0	0
Rhodesgrass Mealybug (<i>Antonina graminis</i>)	1	0	0	0
Root Problem (Unknown Cause)	0	0	0	1
Root Problems (Abiotic disorder)	0	0	0	1
Soil Compaction (Abiotic disorder)	1	0	0	0
Virginia Buttonweed (<i>Diodia virginiana</i>)	2	0	0	0
Turfgrass (Turfgrass mixed species) 4				
Ant (<i>Dormyrmex flavus</i>)	1	0	0	0
Chamberbitter (<i>Phyllanthus urinaria</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Unidentified fungus (Unidentified Fungus)	0	0	0	1
Yellow Nutsedge (<i>Cyperus esculentus</i>) 1				
Crambine Snout Moth (Family Crambidae; Crambinae)	1	0	0	0
Zoysia (Japanese lawngrass) (<i>Zoysia japonica</i>) 2				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Dollar Spot (<i>Sclerotinia homeocarpa</i>)	1	0	0	0
Zoysia Grass (<i>Zoysia</i> sp./spp.) 88				
Anthracnose (<i>Colletotrichum graminicola</i>)	1	0	0	0
Anthracnose Leaf Blight (<i>Colletotrichum graminicola</i>)	1	0	0	0
Brown Patch (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Chamberbitter (<i>Phyllanthus urinaria</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	3	0	10	0
Curvularia Blight; Leaf Spot (<i>Curvularia</i> sp./spp.)	10	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Dense Thatch Layer (Abiotic disorder)	2	0	0	0
Dollar Spot (<i>Sclerotinia homeocarpa</i>)	17	0	1	0
Fairy Ring (Various Fungi)	0	0	1	0
Fall Armyworm (<i>Spodoptera frugiperda</i>)	0	0	1	0
Herbicide Injury; Exposure (Abiotic disorder)	0	0	2	0
High Soluble Salt (Abiotic disorder)	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	1	0
Insufficient Light (Abiotic disorder)	1	0	0	0
Large Patch [<i>Rhizoctonia solani</i> (<i>Thanatephorus cucumeris</i>)]	9	0	0	0
Leaf Rust; rust (<i>Puccinia</i> sp./spp.)	1	0	0	0
Leaf Spot; Leaf Blight (<i>Exserohilum rostratum</i>)	1	0	0	0
Leaf and Sheath Spot (<i>Rhizoctonia oryzae</i>)	1	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Poor Leaf Emergence (Abiotic disorder)	2	0	0	0
Poor Root Development (Abiotic disorder)	1	0	1	0
Rhizoctonia Soilborne Diseases (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Root Problem (Unknown Cause)	0	0	0	2
Root Problems (Abiotic disorder)	1	0	1	1
Root-knot Nematodes (<i>Meloidogyne</i> sp./spp.)	1	0	0	0
Rust; Leaf Rust (<i>Puccinia zoysiae</i>)	5	0	0	0
Soil Compaction (Abiotic disorder)	2	0	0	0
Wild Garlic (<i>Allium vineale</i>)	1	0	0	0
Zoysia Grass (<i>Zoysia japonica</i>)	2	0	0	0

Identifications of Insect and Other Arthropods

Insect Id request (general) 139

	Confirmed	Not Detected	Suspected	Inconclusive
ANTS				
Ant (<i>Formica integra</i>)	1	0	0	0
Asian Needle Ant (<i>Pachycondyla chinensis</i>)	1	0	0	0
Carpenter Ant (<i>Camponotus</i> sp.)	1	0	0	0
Field Ant (<i>Formica</i> sp.)	1	0	0	0
Needle ant (<i>Brachyponera</i> sp.)	1	0	0	0
Odorous House Ant (<i>Tapinoma sessile</i>)	2	0	0	0
Red Imported Fire Ant (IFA) (<i>Solenopsis invicta</i>)	2	0	0	0
BEEYLES				
Bark Beetle (Family <i>Syvanidae</i>)	1	0	0	0
Black Carpet Beetle (<i>Attagenus unicolor</i>)	1	0	0	0
Brentid Beetles (Family <i>Brentidae</i>)	1	0	0	0
Cigarette Beetle (<i>Lasioderma serricorne</i>)	1	0	0	0
Dermestid Beetle (<i>Trogoderma</i> sp./spp.)	1	0	0	0
Dermestid Beetles (Family <i>Dermestidae</i>)	1	0	0	0
Drugstore Beetle (<i>Stegobium paniceum</i>)	1	0	0	0
Lyctid Beetles (Family <i>Lyctidae</i>)	4	0	0	0
Sap Beetle <i>Coleopterus truncatus</i>	1	0	0	0
Six-spotted Leaf Beetle (<i>Neolema sexpunctata</i>)	1	0	0	0
Rove Beetles (Family <i>Staphylinidae</i>)	1	0	0	0
Varied Carpet Beetle (<i>Anthrenus verbasci</i>)	1	0	0	0
Whitemarked Spider Beetle (<i>Ptinus fur</i>)	1	0	0	0
Wireworms (Click Beetles) (Family <i>Elateridae</i>)	1	0	0	0
CATERPILLARS AND MOTHS				
Fall Armyworm (<i>Spodoptera frugiperda</i>)	1	0	0	0
Indianmeal Moth (ImM) (<i>Plodia interpunctella</i>)	1	0	0	0
FLEAS				
Cat Flea (<i>Ctenocephalides felis</i>)	1	0	0	0
FLIES, MIDGES AND WASPS				
Biting Midges (Family <i>Ceratopogonidae</i>)	1	0	0	0
Black Soldier Fly (<i>Hermetia illucens</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Cranefly (<i>Tipula</i> sp./spp.)	1	0	0	0
European Hornet (<i>Vespa crabro</i>)	1	0	0	0
Flesh Flies (Family Sarcophagidae)	1	0	0	0
House and Stable Flies (Family Muscidae; Diptera)	1	0	0	0
Humpbacked Flies (Family Phoridae)	2	0	0	0
Gallmaking Midges (Family Cecidomyiidae)	1	0	0	0
Phorid flies, Phoridae (<i>Physoptera</i> sp.) ()	1	0	0	0
Long-legged Flies (Family Dolichopodidae)	1	0	0	0
Long-legged Fly (<i>Sciapus</i> sp./spp.)	0	0	1	0
Spider Wasps (Family Pompilidae)	0	0	0	1
Vinegar Fly (<i>Drosophila melanogaster</i>)	1	0	0	0
COCKROACHES, OTHER HOUSEHOLD PESTS				
German Cockroach (<i>Blattella germanica</i>)	2	0	0	0
Smoky Brown Cockroach (<i>Periplaneta fuliginosa</i>)	4	0	0	0
Springtails (Order collembola)	2	0	0	0
HUMAN AND ANIMAL PARASITES				
Bed Bug (<i>Cimex lectularius</i>)	3	0	0	0
Horsehair and Gordian Worms (Phylum Nematomorpha)	1	0	0	0
Lice (Suborders Anoplura; Mallophaga)	1	0	0	0
Lone Star Tick (<i>Amblyomma americanum</i>)	1	0	0	0
Ornithonyssus Mites (<i>Ornithonyssus</i> sp./spp.)	1	0	0	0
Tropical Rat Mite (<i>Ornithonyssus bacoti</i>)	1	0	0	0
No Insect Found (Identification Analysis)	0	3	0	0
No Pest Found (Identification Analysis)	0	60	0	0
OTHER				
Copepod Crustacean (Subphylum Crustacea)	2	0	0	0
Rosy Wolfsnail (<i>Euglandina rosea</i>)	1	0	0	0
Reduviid Bug (<i>Zelus</i> sp./spp.)	1	0	0	0
PLANT INSECTS				
Aphids (Family Aphididae)	1	0	0	0
Clover Mite (<i>Bryobia praetiosa</i>)	1	0	0	0
Leaf-footed Bug (<i>Acanthocephala terminalis</i>)	1	0	0	0
Leafhoppers (Family Cicadellidae)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Plant Bugs (Family Miridae)	0	0	1	0
TERMITES				
Drywood Termite Excrement (Frass)	0	0	2	0
Eastern Subterranean Termite (<i>Reticulitermes flavipes</i>)	4	0	0	0
Formosan Subterranean Termite (<i>Coptotermes formosanus</i>)	1	0	0	0
Southeastern Drywood Termite (<i>Incisitermes snyderi</i>)	0	0	0	1
Subterranean Termite (<i>Reticulitermes</i> sp./spp.)	1	0	0	0
SPIDERS				
Spiders (Order Araneae)	0	0	0	3
Wolf Spider (Family Lycosidae; Araneae)	0	0	0	2

Diagnoses and Identifications on Vegetables and Herbs

	Confirmed	Not Detected	Suspected	Inconclusive
Broccoli (<i>Brassica oleracea</i> var. <i>botrytis</i>) 3				
Bacterial Soft Rot (<i>Pectobacterium carotovorum</i> <i>carotovorum</i>)	1	0	0	0
Black Leaf Spot (<i>Alternaria brassicicola</i>)	2	0	0	0
Bush Bean (<i>Phaseolus vulgaris</i> <i>nanus</i>) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>) 3				
Bacterial Blight (<i>Xanthomonas campestris</i>)	1	0	0	0
Crucifer Gray Leaf Spot (<i>Alternaria brassicae</i>)	1	0	0	0
Herbicide Carryover (Abiotic disorder)	0	0	1	0
Cantaloupe; Cantaloupe (<i>Cucumis melo</i> <i>cantalupensis</i>) 1				
Herbicide Carryover (Abiotic disorder)	0	0	1	0
Cilantro (<i>Coriandrum sativum</i>) 1				
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Cole Crops (<i>Brassica</i> sp./spp.) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Collards (<i>Brassica oleracea</i> var. <i>acephala</i>) 1				
Green Peach Aphid (<i>Myzus persicae</i>)	0	0	1	0
Cowpea (<i>Vigna unguiculata</i>) 1				
Rhizoctonia Damping Off (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Cowpea, Southern pea, blackeye peas (<i>Vigna</i> sp./spp.) 1				
Fusarium Wilt Complex (<i>Fusarium</i> sp./spp.)	1	0	0	0
Dill (<i>Anethum graveolens</i>) 1				
Fusarium Root; Crown Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Kale (<i>Brassica oleracea</i> <i>acephala</i>) 2				
Cladosporium Leaf Spot (<i>Cladosporium</i> sp./spp.)	1	0	0	0
Leaf Spot (Unknown cause)	0	0	0	1
Leek (<i>Allium porrum</i>) 7				
Cultural/Environmental Problem (Abiotic disorder)	0	0	3	0
Fusarium Basal Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Fusarium Root Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Poor germination (Abiotic Disorder)	2	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Mustard, Indian (<i>Brassica juncea</i>) 1				
Bacterial Leaf Spot (<i>Xanthomonas</i> sp./spp.)	1	0	0	0
Okra (<i>Abelmoschus esculentus</i>) 3				
Leaf Mold (<i>Passalora fulva</i>)	1	0	0	0
Root-knot Nematodes (<i>Meloidogyne</i> sp./spp.)	1	0	0	0
Rove Beetle (<i>Ocypus</i> sp.)	1	0	0	0
Pepper, Bell (<i>Capsicum annuum grossum</i>) 3				
Bacterial Leaf Spot (<i>Xanthomonas campestris</i>)	0	0	1	0
Mite Damage (Unidentified Mite)	0	0	0	1
Nutritional Deficiency (Abiotic disorder)	0	0	1	0
Pepper, Jalapeno (<i>Capsicum annuum annuum</i> 'Jalapeno') 2				
Cultural/Environmental Problem (Abiotic disorder)	0	0	2	0
Potato (<i>Solanum tuberosum</i>) 3				
Early Blight; Leaf Spot (<i>Alternaria solani</i>)	0	0	1	0
Insect Damage (Unidentified Insect)	0	0	0	1
Tomato Spotted Wilt (Tomato Spotted Wilt Virus (TSWV))	0	1	0	0
Spinach (<i>Spinacia oleracea</i>) 1				
Cercospora Beet Leaf Spot (<i>Cercospora beticola</i>)	1	0	0	0
Squash (<i>Cucurbita</i> sp./spp.) 1				
Unspecified Pathology (<i>Fusarium</i> sp./spp.)	1	0	0	0
Squash, Zucchini (<i>Cucurbita pepo melopepo</i>) 1				
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Sweetpotato (<i>Ipomoea batatas</i>) 2				
Fusarium Surface Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Wireworms (Click Beetles) (Family Elateridae)	0	0	1	0
Tomato (<i>Lycopersicon esculentum</i>) 26				
2-4-D Injury (Abiotic disorder)	1	0	0	0
Bacterial Stem Rot (<i>Dickeya</i> (<i>Pectobacterium</i>) <i>chrysanthemi</i>)	0	0	2	0
Bacterial Wilt (<i>Ralstonia solanacearum</i>)	5	0	0	0
Botrytis Canker (<i>Botrytis</i> sp./spp.)	1	0	0	0
Cheese Skipper (<i>Piophilha casei</i>)	0	0	1	0
Chilling Injury (Abiotic disorder)	0	0	1	0
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Fusarium Wilt (<i>Fusarium oxysporum</i>)	2	0	0	0
Manganese Toxicity (Abiotic disorder)	1	0	0	0
Nutritional Deficiency (Abiotic disorder)	0	0	1	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	3	0	0	0
Southern Stem Rot (<i>Sclerotium rolfsii</i>)	1	0	0	0
Sunscald (Abiotic disorder)	0	0	1	0
Tomato Spotted Wilt (Tomato Spotted Wilt Virus (TSWV))	2	0	0	0
Tomato, Cherry (<i>Lycopersicon cerasiforme</i>) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Turnip (<i>Brassica rapa</i>) 3				
Bacterial Leaf Spot (<i>Xanthomonas campestris</i>)	1	0	0	0
Crucifer Clubroot (<i>Plasmodiophora brassicae</i>)	0	1	0	0
Nutritional Deficiency (Abiotic disorder)	0	0	1	0
Watermelon (<i>Citrullus lanatus</i>) 12				
Black Leg; Pythium Stem Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Cercospora Leaf Spot (<i>Cercospora citrullina</i>)	1	0	0	0
Coreid Squash Bug (<i>Anasa</i> sp./spp.)	0	0	1	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Damping Off (<i>Fusarium</i> sp./spp.)	1	0	0	0
Fertilizer Injury (Abiotic disorder)	0	0	1	0
Gummy Stem Blight [<i>Didymella bryonae</i> (<i>Phoma cucurbitacearum</i>)]	1	0	0	0
Pythium Damping Off (<i>Pythium</i> sp./spp.)	1	0	0	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Squash Bug (<i>Anasa tristis</i>)	0	0	1	0
Unidentified Virus (Unidentified Virus)	0	0	0	1

Diagnoses and Identifications on Fruits and Nuts

	Confirmed	Not Detected	Suspected	Inconclusive
Apple, Common (<i>Malus sylvestris</i>) 3				
Aphids (Plant Lice) (Family Aphididae)	0	0	0	1
Bitter Rot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Phoma Leaf Spot (<i>Phoma</i> sp./spp.)	1	0	0	0
Apricot, Japanese (<i>Prunus mume</i>) 1				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Blackberry (<i>Rubus</i> sp./spp.) 10				
Cane and Leaf Rust (<i>Kuehneola uredinis</i>)	1	0	0	0
Carolina Geranium (<i>Geranium carolinianum</i>)	1	0	0	0
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Dieback; Canker (<i>Coniothyrium</i> sp./spp.)	1	0	0	0
Planting Too Deep (Abiotic disorder)	1	0	0	0
Purslane Speedwell (<i>Veronica peregrina</i>)	1	0	0	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Twospotted Spider Mite (<i>Tetranychus urticae</i>)	0	0	1	0
Unidentified Virus (Unidentified Virus)	0	0	0	1
Blueberry (<i>Vaccinium</i> sp./spp.) 6				
Anthracnose Fruit Rot (<i>Colletotrichum gloeosporioides</i>)	1	0	0	0
Botrytis Blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Cytospora Canker; Dieback (<i>Cytospora</i> sp./spp.)	1	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Terrapin Scale (<i>Mesolecanium nigrofasciatum</i>)	1	0	0	0
Blueberry, Rabbit-eye (<i>Vaccinium ashei</i>) 6				
Anthracnose; <i>Colletotrichum</i> Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	1	0	1	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Mummy Berry (<i>Monilinia vaccinii-corymbosi</i>)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Cherry (<i>Prunus</i> sp./spp.) 2				
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Shothole Borer (<i>Scolytus rugulosus</i>)	1	0	0	0
Fig, Common (<i>Ficus carica</i>) 4				
Bacterial Leaf Spot (<i>Pseudomonas cichorii</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Fig Rust (<i>Cerotelium fici</i>)	1	0	0	0
Root-knot Nematodes (<i>Meloidogyne</i> sp./spp.)	1	0	0	0
Grape (<i>Vitis</i> sp./spp.) 12				
Bitter Rot (<i>Colletotrichum gloeosporioides</i>)	1	0	0	0
Bitter Rot (<i>Greeneria uvicola</i>)	1	0	0	0
Crown and Root Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	3	0
Leaf Scorch (Abiotic disorder)	0	0	1	0
Leaf Spot (<i>Phyllosticta ampellicida</i>)	0	0	1	0
Plant Id (<i>Vitis</i> sp.)	2	0	0	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Grape, European (<i>Vitis vinifera</i>) 3				
Crown Gall (<i>Agrobacterium</i> sp./spp.)	0	0	1	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Grape Anthracnose; Birds-eye Rot (<i>Elsinoe</i> (<i>Sphaceloma</i>) <i>ampelina</i>)	0	0	1	0
Grape, Muscadine (<i>Vitis rotundifolia</i>) 3				
Bitter Rot (<i>Greeneria uvicola</i>)	2	0	0	0
Grape Berry Moth (GBM) (<i>Endopiza viteana</i>)	1	0	0	0
Kiwi, Fuzzy-skinned (<i>Actinidia deliciosa</i>) 2				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Leaf Spot (<i>Pseudocercospora</i> sp./spp.)	1	0	0	0
Lemon (<i>Citrus limon</i>) 2				
Spider Mites (Family Tetranychidae)	1	0	0	0
Orange, Sweet (<i>Citrus sinensis</i>) 3				
Aphis Aphids (<i>Aphis</i> sp./spp.)	0	0	1	0
Twospotted Spider Mite (<i>Tetranychus urticae</i>)	1	0	0	0
Whirligig Mite (<i>Anystis</i> sp./spp.)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Peach (<i>Prunus persica</i>) 39				
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
No Pest Found (Identification Analysis, Survey)	0	37	0	0
Scale Insects (Order homoptera)	0	0	0	1
Pear (<i>Pyrus communis</i>) 3				
Fire Blight (<i>Erwinia amylovora</i>)	0	0	1	0
Granulate Ambrosia Beetle (<i>Xylosandrus crassiusculus</i>)	1	0	0	0
Herbicide Drift (Abiotic disorder)	0	0	1	0
Pecan (<i>Carya illinoensis</i>) 9				
Liver Spot (<i>Gnomonia caryae</i>)	1	0	0	0
Pecan Leaf Casebearer (<i>Acrobasis juglandis</i>)	1	0	0	0
Pecan Leaf Phylloxera (<i>Phylloxera notabilis</i>)	1	0	0	0
Pecan Leaf Scorch Mite (<i>Eotetranychus hicoriae</i>)	0	0	1	0
Pecan Weevil (<i>Curculio caryae</i>)	1	0	0	0
Pecan; Hickory Scab (<i>Fusicladium caryigenum</i>)	3	0	0	0
Pink Rot (<i>Trichothecium (Cephalothecium) roseum</i>)	1	0	0	0
Persimmon, Japanese (<i>Diospyros kaki</i>) 4				
Granulate Ambrosia Beetle (<i>Xylosandrus crassiusculus</i>)	0	0	1	0
Nutrient Imbalance (Abiotic disorder)	1	0	1	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Plum (<i>Prunus sp./spp.</i>) 1				
Cylindrosporium Leaf Spot (<i>Cylindrosporium sp./spp.</i>)	1	0	0	0
Plum, American (<i>Prunus americana</i>) 1				
Brown Rot ; Blossom Blight; Fruit Rot (<i>Monilinia sp./spp.</i>)	1	0	0	0
Plum, Japanese (<i>Prunus salicina</i>) 1				
Crown Gall (<i>Agrobacterium tumefaciens</i>)	0	0	1	0
Raspberry (<i>Rubus sp./spp.</i>) 3				
Fusarium Dieback (<i>Fusarium sp./spp.</i>)	1	0	0	0
Root Rot (Various Fungi)	0	0	0	1
Spur; Cane Blight (<i>Didymella (ana. Phoma) applanata (argillacea)</i>)	1	0	0	0
Strawberry, Commercial (<i>Fragaria x ananassa</i>) 11				
Anthracnose Fruit Rot (<i>Colletotrichum sp./spp.</i>)	1	0	0	0
Botrytis Blight (<i>Botrytis sp./spp.</i>)	2	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Charcoal Rot (<i>Macrophomina</i> sp./spp.)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Fusarium Crown Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Fusarium Root Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Leaf Blotch (<i>Gnomonia</i> sp./spp.)	3	0	0	0
Phytophthora Root and Crown Rot (<i>Phytophthora cactorum</i>)	1	0	0	0

Diagnoses and Identifications in Field Crops, Pasture and Forage

	Confirmed	Not Detected	Suspected	Inconclusive
Alfalfa (<i>Medicago sativa</i>) 2				
Cowpea Aphid (<i>Aphis craccivora</i>)	1	0	0	0
Pea Aphid (<i>Acyrtosiphon pisum</i>)	1	0	0	0
Clover, White (<i>Trifolium repens</i>) 6				
Annual Ryegrass; Italian Ryegrass (<i>Lolium perenne multiflorum</i>)	1	0	0	0
Leafhoppers (Family Cicadellidae)	0	0	1	0
Red Clover Sooty Blotch (<i>Polythrincium trifolii</i>)	1	0	0	0
Root-knot Nematodes (<i>Meloidogyne</i> sp./spp.)	2	0	0	0
Woodbetony, Water Bugle (<i>Lycopus virginicus</i>)	1	0	0	0
Corn, Field (<i>Zea mays</i>) 10				
Corn Spurry (<i>Spergula arvensis</i>)	1	0	0	0
Fusarium Root Rot (<i>Fusarium</i> sp./spp.)	0	0	1	0
Herbicide Injury; Exposure (Abiotic disorder)	1	0	0	0
Low pH Damage (Abiotic disorder)	1	0	0	0
Mechanical Damage (Abiotic disorder)	0	0	1	0
Pythium Root and/or Crown Rot (<i>Pythium</i> sp./spp.)	1	0	0	0
Ring Nematode (<i>Mesocriconema</i> sp./spp.)	1	0	0	0
Southern Leaf Blight (<i>Bipolaris maydis</i>)	1	0	0	0
Spiderwisp (<i>Cleome gynandra</i>)	1	0	0	0
Stubby-root Nematodes (Family Trichodoridae)	0	0	0	1
Oats (<i>Avena sativa</i>) 2				
Crown Rust; Rust (<i>Puccinia coronata</i>)	1	0	0	0
Potyvirus Group (Potyvirus Group)	0	1	0	0
Partridge Pea (<i>Chamaecrista fasciculata</i>) 1				
Buckhorn Plantain (<i>Plantago lanceolata</i>)	1	0	0	0
Pasture (habitat) 2				
Horsehair and Gordian Worms (Phylum Nematomorpha)	1	0	0	0
Lyre-leaf Sage (<i>Salvia lyrata</i>)	1	0	0	0
Rape; Canola (<i>Brassica napus</i> var. <i>napus</i>) 2				
Bacterial Leaf Spot (<i>Xanthomonas campestris</i>)	0	0	1	0
Diamondback Moth (DbM) (<i>Plutella xylostella</i>)	0	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Sorghum (<i>Sorghum bicolor</i>) 10				
Anthracnose (<i>Colletotrichum</i> sp./spp.)	3	0	0	0
Anthracnose; <i>Colletotrichum</i> Leaf Spot (<i>Colletotrichum sublineola</i>)	1	0	0	0
Anthracnose; <i>Colletotrichum</i> Stem Blight (<i>Colletotrichum sublineola</i>)	1	0	0	0
Chinch Bug Complex (<i>Blissus</i> sp./spp.)	1	0	0	0
Fusarium Root Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Northern Corn Leaf Blight; Leaf Spot [<i>Exserohilum turcicum</i> (<i>Setosphaeria turcica</i>)]	1	0	0	0
Phyllosticta Leaf Spot (<i>Phyllosticta</i> sp./spp.)	1	0	0	0
Unspecified pathology (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Sorghum, Grain (<i>Sorghum vulgare</i>) 1				
Leaf Spot (<i>Bipolaris</i> sp./spp.)	1	0	0	0
Soybean (<i>Glycine max</i>) 5				
Purple Seed-stain; Leaf Blight (<i>Cercospora kikuchii</i>)	1	0	0	0
Soybean Cyst Nematode (SCN) (<i>Heterodera glycines</i>)	1	0	0	0
Soybean Downy Mildew (<i>Peronospora manshurica</i>)	1	0	0	0
Soybean Frogeye Leaf Spot (<i>Cercospora sojina</i>)	1	0	0	0
Soybean Vein Necrosis (Soybean Vein Necrosis Virus (SVNV))	0	0	1	0
Sunflower (<i>Helianthus annuus</i>) 2				
Alligatorweed (<i>Alternanthera philoxeroides</i>)	1	0	0	0
Cultural/Environmental Problem (Abiotic disorder)	0	0	1	0
Tobacco (general) (<i>Nicotiana tabacum</i>) 2				
Fertilizer Injury (Abiotic disorder)	1	0	0	0
Pythium Root Rot and/or Crown Rot (<i>Pythium ultimum</i>)	1	0	0	0
Wheat, Common (<i>Triticum aestivum</i>) 5				
Blessed Thistle (<i>Centaurea benedicta</i>)	2	0	0	0
Herbicide Injury; Exposure (Abiotic disorder)	1	0	0	0
Spot Blotch (<i>Bipolaris sorokiniana</i>)	1	0	0	0
Unidentified Virus (Unidentified Virus)	0	0	0	1

Plant, Alga and Mushroom Identifications

	Confirmed	Not Detected	Suspected	Inconclusive
Mushroom (general) 5				
Earth Ball (<i>Scleroderma</i> sp./spp.)	0	0	1	0
Golden Chanterelle (<i>Cantharellus</i> sp./spp.)	1	0	0	0
Green-spored Parasol (<i>Chlorophyllum molybdites</i>)	1	0	0	0
Mycorrhizal Fungus (<i>Pisolithus tinctorius</i>)	0	0	0	1
Wood Rot Fungus (Lingzhi) (<i>Ganoderma lucidum</i>)	1	0	0	0
Plant Id request (general) 33				
Annual Bluegrass (<i>Poa annua</i>)	2	0	0	0
Bermudagrass (<i>Cynodon dactylon</i>)	0	0	1	0
Bladderwort (<i>Utricularia</i> sp.)	1	0	0	0
Blue-green Algae (<i>Oscillatoria</i> sp./spp.)	1	0	0	0
Brazilian Watermeal (<i>Wolffia brasiliensis</i>)	1	0	0	0
Bristlegrass, Knotty (<i>Setaria parviflora</i>)	1	0	0	0
Browntop Millet (<i>Urochloa ramosa</i>)	1	0	0	0
Bryophyte (<i>Bryidae</i>)	1	0	0	0
Common Reed (<i>Phragmites australis australis</i>)	1	0	0	0
Crabapple, Midget (<i>Malus x micromalus</i>) ()	1	0	0	0
Crabgrass, Hairy (<i>Digitaria sanguinalis</i>)	1	0	0	0
Cottonwood, Eastern (<i>Populus deltoides</i>)	1	0	0	0
Dodder, Compact (<i>Cuscuta compacta</i>)	1	0	0	0
Fern-moss, Delicate (<i>Thuidium delicatulum</i>)	1	0	0	0
Fescue (<i>Festuca</i> sp./spp.)	1	0	0	0
Florida Betony (<i>Stachys floridana</i>)	1	0	0	0
Grape, Summer (<i>Vitis aestivalis</i>)	1	0	0	0
Grape, Fox (<i>Vitis labrusca</i>)	1	0	0	0
Jewels of Opar (<i>Talinum paniculatum</i>) ()	1	0	0	0
Naiad, Southern (<i>Najas guadalupensis</i>)	1	0	0	0
Poison Ivy (<i>Toxicodendron (Rhus) radicans</i>)	1	0	0	0
Prickly-pear, Devil's Tongue (<i>Opuntia humifusa</i>)	1	0	0	0
Small Pondweed (<i>Potamogeton pusillus</i>)	1	0	0	0

	Confirmed	Not Detected	Suspected	Inconclusive
Snake Cotton (<i>Froelichia floridana</i>)	1	0	0	0
Spikerush (<i>Eleocharis</i> sp./spp.)	1	0	0	0
Spurge Nettle (<i>Cnidocolus stimulosus</i>)	1	0	0	0
Sugarberry (<i>Celtis laevigata</i>) ()	1	0	0	0
Tropical Spiderwort; Benghal Dayflower (<i>Commelina benghalensis</i>)	6	0	0	0
Watershield (<i>Brasenia schreberi</i>)	1	0	0	0
Waterthread Pondweed (<i>Potamogeton diversifolius</i>)	1	0	0	0
Zoysia Grass (<i>Zoysia japonica</i>)	2	0	0	0
Ponds; Lakes; impounded waters (Aquatic habitat) 44				
Baldwin's Spikerush (<i>Eleocharis baldwinii</i>)	3	0	0	0
Bladderwort (<i>Utricularia</i> spp.) ()	1	0	0	0
Blue-green Algae (<i>Microcystis</i> sp./spp.)	3	0	0	0
Blue-green Algae (<i>Oscillatoria</i> sp./spp.)	3	0	0	0
Brazilian Elodea (<i>Egeria densa</i>)	1	0	0	0
Carolina Fanwort (<i>Cabomba caroliniana</i>)	1	0	0	0
Diatom (<i>Gomphonema</i> sp.)	1	0	0	0
Euglena (<i>Euglena</i> sp./spp.)	2	0	0	0
Euglenoid Protozoan (<i>Trachelomonas</i> sp.)	1	0	0	0
Filamentous Blue-green Algae (<i>Lyngbya</i> sp./spp.)	2	0	0	0
Filamentous Blue-green algae (<i>Oscillatoria</i> , <i>Stigonema</i>)	1	0	0	0
Filamentous Green Algae (<i>Mougeotia</i> sp./spp.)	1	0	0	0
Filamentous Green Algae (<i>Pithophora</i> sp.)	1	0	0	0
Filamentous Green Algae (<i>Spirogyra</i> ; <i>Oedogonium</i> ; <i>Cladophora</i> sp./spp.)	2	0	0	0
Filamentous Green Algae (<i>Ulothrix</i>)	2	0	0	0
Filamentous Green Algae (<i>Zygnema</i>)	1	0	0	0
Floating Primrose-willow (<i>Ludwigia peploides</i>)	1	0	0	0
Horsehair Algae (<i>Pithophora</i> sp./spp.)	1	0	0	0
Humped Bladderwort (<i>Utricularia gibba</i> L.)	1	0	0	0
Lemna Duckweed (<i>Lemna</i> sp./spp.)	1	0	0	0
Nitella (<i>Nitella</i> sp./spp.)	1	0	0	0
Spikerush (<i>Eleocharis</i> sp./spp.)	3	0	1	0

	Confirmed	Not Detected	Suspected	Inconclusive
Stonewort (<i>Chara</i> sp./spp.)	1	0	0	0
Testate Amoebae (<i>Arcella</i> sp.)	1	0	0	0
Utricularia sp. (Bladderwort)	1	0	0	0
Variable Watermilfoil (<i>Myriophyllum heterophyllum</i>)	1	0	0	0
Waterlily (<i>Nymphaea</i> sp.)	1	0	0	0
Watershield (<i>Brasenia schreberi</i>)	1	0	0	0
Waterthread Pondweed (<i>Potamogeton diversifolius</i>)	1	0	0	0
Wart-removing Herb, Marsh Dewflower (<i>Murdannia keisak</i>)	1	0	0	0
River: stream: creek: waterway (Aquatic habitat) 2				
American Burreed (<i>Sparganium americanum</i>)	1	0	0	0
Diatom (<i>Tabellaria flocculosa</i>)	1	0	0	0

Diagnoses and Identifications for Regulated Pests and Pathogens

	Confirmed	Not Detected	Suspected	Inconclusive
Ash (<i>Fraxinus</i> sp./spp.) 1				
Emerald Ash Borer Not Detected (Identification Analysis)	0	1	0	0
Boxwood (<i>Buxus</i> sp./spp.) 3				
Boxwood Blight; Leaf and Stem Blight (<i>Calonectria pseudonaviculata</i>) (NC sample)	3	0	0	0
Boxwood, Common (<i>Buxus sempervirens</i>) 1				
Boxwood Blight; Leaf and Stem Blight (<i>Calonectria pseudonaviculata</i>)	0	1	0	0
Orange, Sweet (<i>Citrus sinensis</i>) 4				
Citrus Black Spot Not Detected (Identification Analysis)	0	1	0	0
Plant Id Request				
Tropical Spiderwort; Benghal Dayflower (<i>Commelina benghalensis</i>)	6	0	0	0
Peach (<i>Prunus persica</i>) 37				
No Regulatory Insect Pests Found (Identification Analysis)	0	37	0	0

Regulatory/Molecular Plant Disease Detection Lab Diagnoses

	Confirmed	Not Detected	Suspected	Inconclusive
PHYTOPHTHORA DISEASES ON PLANTS				
Azalea; Rhododendron (Rhododendron sp./spp.) 3				
Ramorum blight (Phytophthora ramorum)	0	3	0	0
Camellia (Camellia sp./spp.) 2				
Phytophthora Root and Crown Rot (Phytophthora cinnamomi)	2	0	0	0
Camellia, Common (Camellia japonica) 8				
Ramorum blight (Phytophthora ramorum)	0	6	0	0
Phytophthora Root and Crown Rot (Phytophthora cinnamomi)	2	0	0	0
Chestnut Oak (Quercus prinus) 1				
Phytophthora Blight (Phytophthora cinnamomi)	1	0	0	0
Pieris; Japanese Andromeda (Pieris japonica) 1				
Ramorum blight (Phytophthora ramorum)	0	1	0	0
Redwood (Sequoia sempervirens) 1				
Ramorum blight (Phytophthora ramorum)	0	1	0	0
Water Oak (Quercus nigra) 2				
Phytophthora Blight (Phytophthora cinnamomi)	2	0	0	0
Willow Oak (Quercus phellos) 1				
Phytophthora quercina	0	1	0	0
PHYTOPHTHORA SPECIES IN WATER SOURCES				
Ponds; Lakes; impounded waters (Aquatic habitat) 11				
Phytophthora quercina	0	7	0	0
Phytophthora cinnamomi	3	0	0	0
Phytophthora gonapodyies	1	0	0	0
River; stream; creek; waterway (Aquatic habitat) 13				
Phytophthora quercina	0	11	0	0
Phytophthora Root and Crown Rot (Phytophthora cinnamomi)	2	0	0	0
CITRUS SAMPLES				
Citrus (Citrus sp./spp.) 7				

	Confirmed	Not Detected	Suspected	Inconclusive
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter asiaticus)	0	7	0	0
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter americanus)				
Lemon (Citrus limon) 7				
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter asiaticus)	0	7	0	0
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter americanus)	0	7	0	0
Lime, Persian (Citrus latifolia) 1				
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter asiaticus)	0	1	0	0
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter americanus)	0	1	0	0
Orange, Sweet (Citrus sinensis) 3				
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter asiaticus)	0	3	0	0
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter americanus)	0	3	0	0
Tangerine; Satsuma; Mandarin (Citrus reticulata) 1				
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter asiaticus)	0	1	0	0
Citrus Greening (HLB) (<i>Candidatus</i> Liberibacter americanus)	0	1	0	0

PHYTOPLASMAS AND VIRUSES

Elm, American (Ulmus americana) 1				
Phytoplasmas (General)	0	1	0	0
Grape, European (Vitis vinifera) 2				
Phytoplasmas (General)	0	2	0	0
Peach (Prunus persica) 121				
Plum Pox Virus (Potyviridae)	0	60	0	0
Peach (Prunus persica) 121				
European stone fruit yellows phytoplasma (ESFY)	0	60	0	0
Strawberry (Fragaria x ananassa) 21				
Phytoplasmas (General)	0	21	0	0
Trillium (Trillium sp./spp.) 1				
Phytoplasmas (General)	0	1	0	0

AFRICANIZED HONEY BEE TESTING

Honey Bee and products (Apis mellifera) 2				
European Honey Bee (EHB) (Apis mellifera european)	2	0	0	0
Africanized Honey Bee (AHB) (Apis hybrids)	0	2	0	0