

PLANT DIAGNOSTIC CLINIC 2015



Ann Hazelrigg, Ph.D. – PDC Director
Gabriella Maia, M.S. – Assistant Diagnostician

Following report contains a summary of the samples submitted to the Plant Diagnostic Clinic from 01-Jan-2015 through 12/31/2015. A total of 366 sample(s) have been processed during this time period.

The following diagnosticians were involved in processing samples for the laboratory from 01-Jan-2015 through 31-Dec-2015.

This section reports samples from all the statuses. Each sample may involve one or more diagnosticians. Hence, this section may not represent the total number of samples processed during this time period.

GabriellaMaia, processed 297 sample(s).
Margaret Skinner, processed 6 sample(s).
Ann Hazelrigg, processed 347 sample(s).

The following Advisory Consultants provided advice for the laboratory from 01-Jan-2015 through 31-Dec-2015.

This section reports samples from all the statuses. 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.

Agdia Inc., gave advice for 2 sample(s).
David Barrington, gave advice for 12 sample(s).
Margaret Skinner, gave advice for 1 sample(s).
Mark Starrett, gave advice for 5 sample(s).
Sarah Kingsley-Richards, gave advice for 2 sample(s).
Sid Bosworth, gave advice for 4 sample(s).
Terry Bradshaw, gave advice for 1 sample(s).
Trish Hanson, gave advice for 5 sample(s).

The following is the Sample Submission Breakdown for the laboratory.

For there are 0 sample(s) pending, sample(s) preliminary, 366 sample(s) completed, 0 sample(s) archived.

The following Personnel provided checked-in samples for the laboratory from 01-Jan-2015 through 31-Dec-2015.

This section reports sample check-in's performed only by diagnostician at laboratory. This section does not report the submitter check-in's. Hence, this section may not represent the total number of samples processed during this time period.

Extension Master Gardener, processed 104 sample(s).
GabriellaMaia, processed 147 sample(s).
Lisa Chouinard, processed 115 sample(s).

The following Personnel provided Client responses by writing up samples for the laboratory from 01-Jan-2015 through 31-Dec-2015.

This section reports the personnel who have written the final reports for the samples from all the statuses during this time period. Hence, this section may not represent the total number of samples processed during this time period.

GabriellaMaia, gave advice for 2 sample(s).

Table 1. Number of Sample Submissions by Month from 01-Jan-2002 to present.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2016	14	15	11	10	41	54	54	42	46	23	4	2	316
2015	0	6	8	16	44	54	72	69	58	26	8	5	366
2014	8	5	6	23	36	72	70	73	42	29	6	26	396
2013	3	5	8	25	36	74	102	66	47	22	8	4	400
2012	0	0	8	4	38	53	48	75	33	40	10	4	313
2011	4	2	7	12	21	45	35	63	25	20	4	1	239
2010	0	4	6	16	23	69	85	88	27	6	2	0	326
2009	0	3	5	9	24	44	96	48	36	3	6	0	274
2008	1	2	0	4	17	30	51	33	7	6	5	3	159
2007	0	0	0	0	0	1	0	1	0	7	0	0	9
2006	0	0	0	0	0	17	0	0	0	0	13	0	30
2005	0	0	0	0	0	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0	0	0

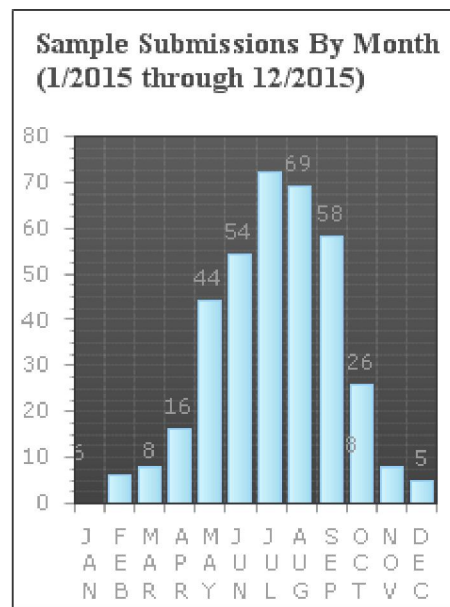
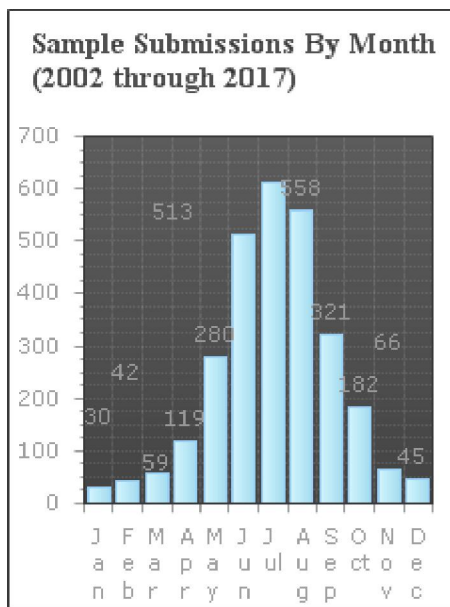
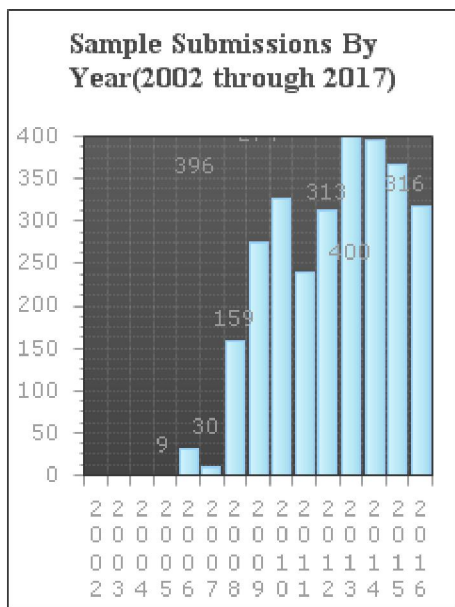


Table 2. Number of Sample Submissions by Client Type from 01-Jan-2015 through 31-Dec-2015 .

This section reports the number of clients for each client type for the samples submitted during this time period. Each sample may involve one or more clients. Hence, this section does not represent the total number of samples processed during this time period.

Client Type	Count	%
Grower/Farmer	135	51.33
Homeowner/Home Gardener	65	24.71
Left Blank	14	5.32
Landscaper	9	3.42
Agent/Educator	8	3.04
Arborist	6	2.28
Crop Consultant	5	1.90
Nursery	5	1.90
Researcher/Specialist	4	1.52
Individual	3	1.14
Other	2	0.76
Forester	2	0.76
Company/Firm	2	0.76
Agribusiness	1	0.38
Garden center	1	0.38
Greenhouse/Hydroponic	1	0.38
Total	263	100%

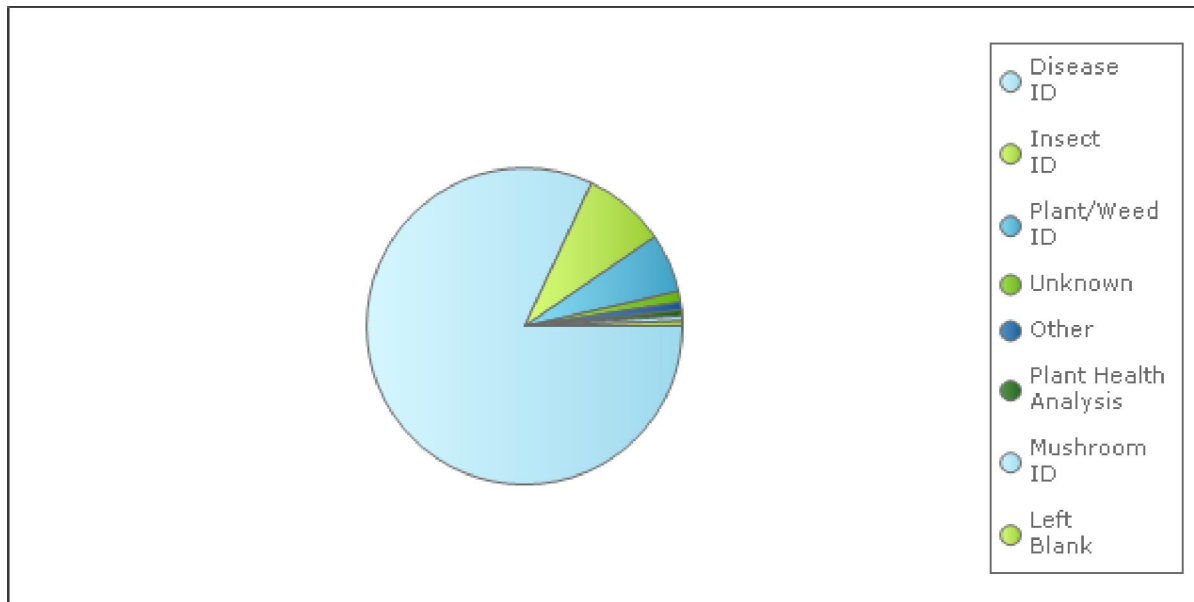
Table 3. Samples originated from the following states and counties from 01-Jan-2015 through 31-Dec-2015.

This section reports the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.

State	County	Number of Samples
Unknown	Unknown	366
NY	STATE TOTAL	1
NY	Rensselaer	1
VT	Grand Isle	10
VT	Windsor	10
VT	Lamoille	13
VT	STATE TOTAL	365
VT	Addison	34
VT	Orange	12
VT	Bennington	10
VT	Orleans	10
VT	Franklin	5
VT	Windham	14
VT	Essex	1
VT	Washington	26
VT	Chittenden	173
VT	Unknown	1
VT	Caledonia	12
VT	Rutland	34

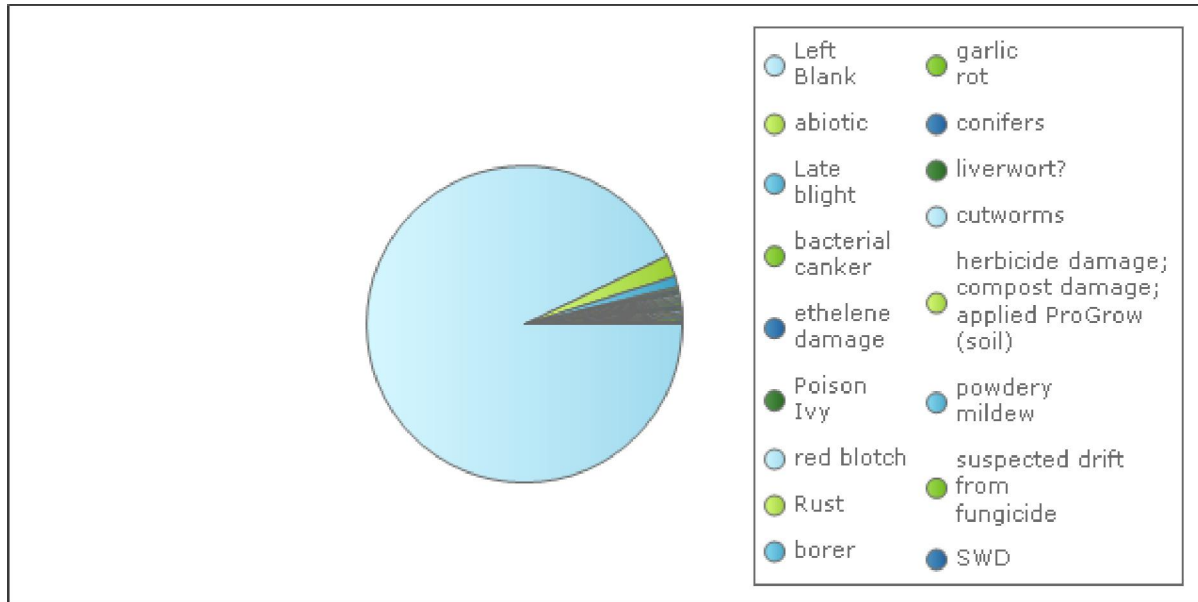
Table 4. Number of Sample Submissions by Diagnosis Needed from 01-Jan-2015 through 31-Dec-2015.

This section reports diagnosis needed for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Diagnosis Needed	Number of Samples	%
Disease ID	300	81.97
Insect ID	31	8.47
Plant/Weed ID	22	6.01
Unknown	4	1.09
Other	3	0.82
Plant Health Analysis	2	0.55
Mushroom ID	2	0.55
Left Blank	2	0.55
Total	366	100%

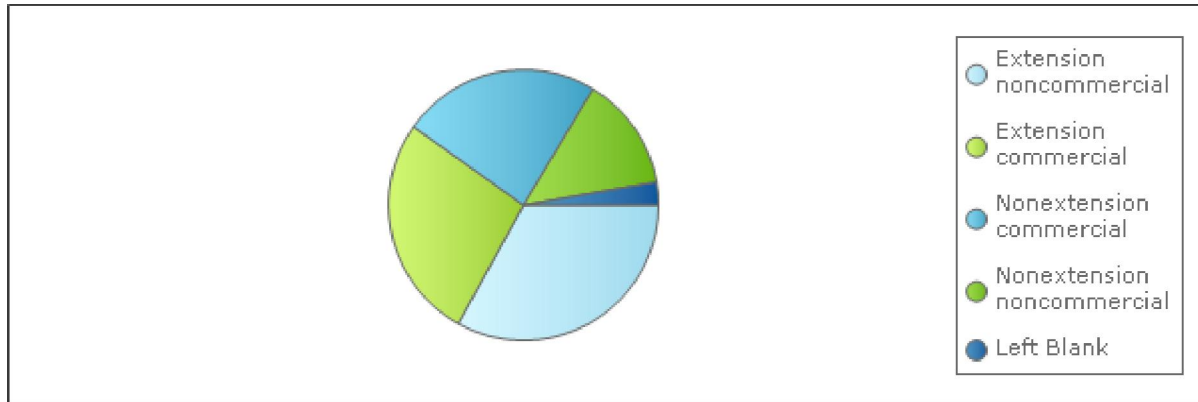
Table 5. Number of Sample Submissions by Suspected Problem from 01-Jan-2015 through 31-Dec-2015 .
This section reports suspected problem for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Suspected Problem	Number of Samples	%
Left Blank	340	92.90
abiotic	8	2.19
Late blight	4	1.09
bacterial canker	1	0.27
ethelene damage	1	0.27
Poison Ivy	1	0.27
red blotch	1	0.27
Rust	1	0.27
borer	1	0.27
garlic rot	1	0.27
conifers	1	0.27
liverwort?	1	0.27
cutworms	1	0.27
herbicide damage; compost damage; applied ProGrow (soil)	1	0.27
powdery mildew	1	0.27
suspected drift from fungicide	1	0.27
SWD	1	0.27
Total	366	100%

Table 6. Number of Sample Submissions by Sample Source from 01-Jan-2015 through 31-Dec-2015.

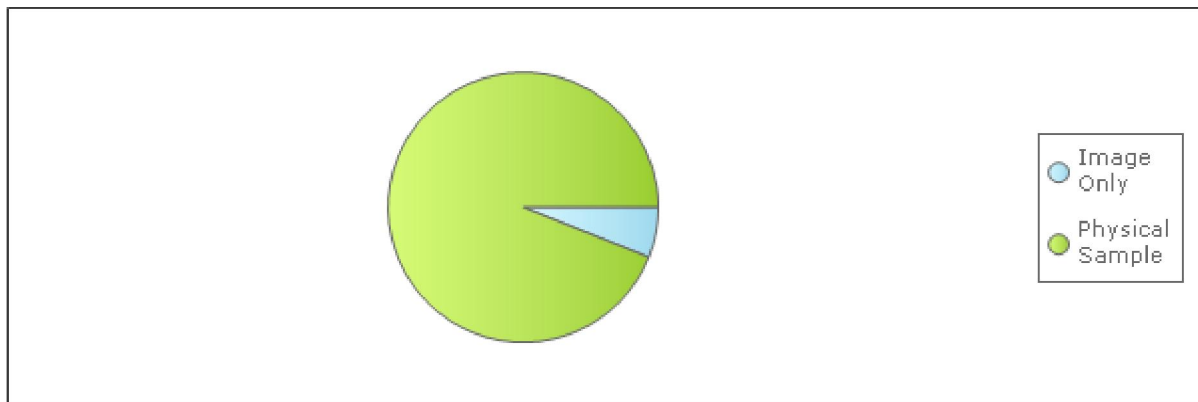
This section reports sample source for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Sample Source	Number of Samples	%
Extension noncommercial	121	33.06
Extension commercial	98	26.78
Nonextension commercial	87	23.77
Nonextension noncommercial	50	13.66
Left Blank	10	2.73
Total	366	100%

Table 7. Number of Sample Submissions by Type of Sample from 01-Jan-2015 through 31-Dec-2015.

This section reports sample type for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Sample Type	Number of Samples	%
Image Only	22	6.01
Physical Sample	344	93.99
Total	366	100%

Table 8. Number of Sample Submissions by Sample Category from 01-Jan-2015 through 31-Dec-2015.

Notes: This section reports sample category for samples from all statuses. Hence, this section represents the total number of samples processed during this time period.

Sample Category	Count	%
Vegetables	159	43.44
Woody ornamental -Deciduous	38	10.38
Woody ornamental - Evergreen	37	10.11
Fruit	34	9.29
Perennial	24	6.56
Small Fruit	18	4.92
Left Blank	9	2.46
Annual	9	2.46
Turf	5	1.37
InsectID	5	1.37
Other\$Unknown weed	4	1.09
Food	3	0.82
Forested area	2	0.55
Small Grains - wheat,oats,barley	2	0.55
Groundcover/vines	2	0.55
Mushroom/mold	2	0.55
Multiple hosts	2	0.55
Other\$annual weed	1	0.27
Other\$	1	0.27
Other\$greenhouse grown	1	0.27
Other\$Insect i.d.	1	0.27
Other\$sclerotia	1	0.27
Other\$mold and wall paint	1	0.27
Other\$Unknown	1	0.27
Field crops	1	0.27
Forage	1	0.27
Other\$Annuals and Perennials	1	0.27
Other\$Species i.d.	1	0.27
Total	366	100%

Table 9. Number of Sample Submissions by Sample Material Submitted from 01-Jan-2015 through 31-Dec-2015.

Notes: This section reports sample material submitted for the samples from all statuses. Each sample may have one or more sample materials submitted. Hence, this section does not represent the total number of samples processed.

Sample Material Submitted	Number of Samples
Leaves/needles	209
Entire plant	72
Fruit/seed	34
Photos	21
Branches/twigs	68
Bulbs	11
Email	18
Adult Insect	10
Tubers	3
Bark	3
Roots	15
Stems	73
Indoor Material/Debri	1
Mushroom/mold	1
Other	6

Table 10. Number of Sample Submissions and Diagnosis/ID by Host/Habitat from 01-Jan-2015 through 31-Dec-2015.

Notes: This section reports samples from all statuses. Each sample may have one or more diagnosis/identification and hence this section does not represent the total number of samples processed.

	Confirmed	Not Detected	Suspected	Inconclusive
() (Host,Diagnosis/ID) (2,2)				
Annual Pearlwort (Sagina apetala)	1	0	0	0
Insect Damage (Unidentified Insect)	1	0	0	0
Allium; Onions; leeks; garlic (Allium sp./spp.) (Host,Diagnosis/ID) (4,10)				
Bulb Mite (Rhizoglyphus sp./spp.)	2	0	0	0
Darkwinged Fungus Gnats (Family Sciaridae sp./spp.)	1	0	0	0
Fusarium Dry Rot; Bulb Rot (Fusarium sp./spp.)	1	0	0	0
No Insect Found (Identification Analysis)	0	0	0	0
Rhizoctonia Root Rot (Rhizoctonia sp./spp.)	1	0	0	0
Storage Mold (Aspergillus sp./spp.)	1	0	0	0
Unidentified Virus (Unidentified Virus)	0	0	1	0
White Rot (Stromatinia (Sclerotium) cepivora (cepivorum))	2	0	0	0
Amaryllis (Hippeastrum sp./spp.) (Host,Diagnosis/ID) (1,4)				
Excessive Water (Abiotic disorder)	0	0	1	0
Insect Damage (Unidentified Insect)	0	0	0	1
No Pathogen Found (Identification Analysis)	1	0	0	0
Thrips Damage (Unidentified Thrips)	0	0	1	0
Apricot (Prunus armeniaca) (Host,Diagnosis/ID) (1,1)				
Additional Sample Requested (Identification Analysis)	1	0	0	0
Arborvitae (Thuja sp./spp.) (Host,Diagnosis/ID) (2,5)				
Arborvitae Needle Blight (Phyllosticta thujae)	1	0	0	0
Pestalotia Dieback (Pestalotia sp./spp.)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Spruce Spider Mite (Oligonychus ununguis)	1	0	0	0
Tip Blight (Kabatina sp./spp.)	1	0	0	0
Autumn-winter Squash (Cucurbita maxima) (Host,Diagnosis/ID) (2,7)				
Black Rot (Didymella (Ascochyta) bryoniae (cucumis))	1	0	0	0
Cucumber Scab; Gummosis (Cladosporium cucumerinum)	1	0	0	0
Fusarium Fruit Rot (Fusarium sp./spp.)	1	0	0	0
Phytophthora Fruit Rot (Phytophthora sp./spp.)	1	0	0	0
Pythium Fruit Rot; Cottony Leak (Pythium sp./spp.)	0	0	1	0
Wet Rot; Fruit Rot (Choanephora cucurbitarum)	1	0	0	0
White Mold (Sclerotinia sp./spp.)	1	0	0	0
Balsam Fir (Abies balsamea) (Host,Diagnosis/ID) (3,7)				
Elongate Hemlock Scale (Fiorinia externa)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Lichens (Lichenes)	1	0	0	0

Needle Dessication (Abiotic disorder)	1	0	0	0
Rhizosphaera Needle Cast (Rhizosphaera sp./spp.)	1	0	0	0
Sooty Mold (Capnodium sp./spp.)	1	0	0	0
Spider Mites (Family Tetranychidae)	1	0	0	0
Beaked Hazelnut (Corylus cornuta) (Host,Diagnosis/ID) (1,4)				
Dieback; Canker (Nectria sp./spp.)	1	0	0	0
Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)	1	0	0	0
Pestalotiopsis Canker/ Dieback (Pestalotiopsis sp./spp.)	1	0	0	0
Stem Canker (Colletotrichum (teleo. Glomerella) sp./spp.)	1	0	0	0
Bean (Phaseolus sp./spp.) (Host,Diagnosis/ID) (9,26)				
Alternaria Leaf Blight (Alternaria sp./spp.)	1	0	0	0
Alternaria Leaf Spot (Alternaria sp./spp.)	2	0	0	0
Bean Anthracnose (Colletotrichum lindemuthianum)	1	0	0	0
Cercospora Leaf Spot (Cercospora sp./spp.)	2	0	0	0
Fusarium Pod Rot (Fusarium sp./spp.)	1	0	0	0
Fusarium Stem Rot (Fusarium sp./spp.)	2	0	0	0
Leaf Blotch; Leaf Spot (Cladosporium sp./spp.)	3	0	0	0
Leaf Spot (Botryosphaeria sp./spp.)	2	0	0	0
Leaf Spot (Phaeoisariopsis sp./spp.)	1	0	0	0
Macrophoma Leaf Spot (Macrophoma sp./spp.)	1	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Phoma Blight; Dieback; Rot (Phoma sp./spp.)	1	0	0	0
Phyllosticta Leaf Spot (Phyllosticta sp./spp.)	1	0	0	0
Rhizoctonia Root; Crown Rot (Rhizoctonia sp./spp.)	1	0	0	0
Rhizoctonia Stem Rot (Rhizoctonia sp./spp.)	1	0	0	0
Septoria Leaf Spot (Septoria sp./spp.)	3	0	0	0
Stem Lesion and Leaf Spot (Cercospora sp./spp.)	1	0	0	0
Stem Rot; Canker and Blight (Alternaria sp./spp.)	1	0	0	0
Beans; Peas; dolichos (Dolichos sp./spp.) (Host,Diagnosis/ID) (2,7)				
Alternaria Leaf Spot (Alternaria sp./spp.)	2	0	0	0
Bean Anthracnose (Colletotrichum lindemuthianum)	1	0	0	0
Bean Halo Blight (Bacterial) (Pseudomonas syringae pv. phaseolicola)	1	0	0	0
Bean Rust (Uromyces appendiculatus (phaseoli))	1	0	0	0
Fusarium Stem; Root Rot (Fusarium sp./spp.)	1	0	0	0
Rhizoctonia Root; Crown Rot (Rhizoctonia sp./spp.)	1	0	0	0
Beech (Fagus sp./spp.) (Host,Diagnosis/ID) (1,2)				
Root Problems (Abiotic disorder)	0	0	1	0
Wood Boring Insect Damage (Unidentified Wood Boring Insect)	0	0	1	0
Beets () (Host,Diagnosis/ID) (1,1)				
Beet Leafminer; Spinach Lm (Pegomya hyoscyami)	1	0	0	0
Bell Pepper (Capsicum annum grossum) (Host,Diagnosis/ID) (1,1)				
Bacterial Wilt (Ralstonia solanacearum)	0	0	1	0

Rudbeckia Psyllid (<i>Bactericera antennata</i>)	1	0	0	0
Blue Spruce (<i>Picea pungens</i>) (<i>Host,Diagnosis/ID</i>) (2,7)				
Cytospora Canker; Dieback (<i>Cytospora</i> sp./spp.)	1	0	0	0
No Insect Found (Identification Analysis)	1	0	0	0
Rhizosphaera Needle Cast (<i>Rhizosphaera</i> sp./spp.)	2	0	0	0
Sudden Needle Drop: Spruce Needle Drop (<i>Setomelanomma holmii</i>)	2	0	0	0
Unspecified Pathology (<i>Stigmina</i> sp./spp.)	1	0	0	0
Blueberry (<i>Vaccinium</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (8,11)				
ammonium sulfate toxicity (abiotica)	1	0	0	0
Canker; Dieback; Leaf Blight (<i>Fusicoccum</i> sp./spp.)	3	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Fir-blueberry Rust; Witches' Broom (<i>Pucciniastrum</i> (<i>Calypso</i>) <i>goeppertianum</i>)	1	0	0	0
Hail Damage (Abiotic disorder)	1	0	0	0
Leaf Rust (<i>Naohidemycetes</i> (<i>Pucciniastrum</i>) <i>vacciniorum</i> (<i>vaccinii</i>))	0	0	1	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	2	0	0	0
Spotted Wing Drosophila (<i>Drosophila suzukii</i>)	1	0	0	0
Boxwood (<i>Buxus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,3)				
Additional Sample Requested (Identification Analysis)	1	0	0	0
Boxwood Leafminer (<i>Monarthropalpus flavus</i> (<i>buxi</i>))	0	0	1	0
Boxwood Macrophoma Leaf Spot (<i>Dothiorella</i> (<i>Macrophoma</i>) <i>sempervirens</i> (<i>candollei</i>))	1	0	0	0
Brassicas () (<i>Host,Diagnosis/ID</i>) (1,3)				
Black Leg (<i>Phoma</i> sp./spp.)	1	0	0	0
Crucifer Bacterial Black Rot (<i>Xanthomonas campestris</i>)	1	0	0	0
Flea beetle (<i>Chrysomelidae</i>) damage ()	1	0	0	0
Bread () (<i>Host,Diagnosis/ID</i>) (1,1)				
Fruit Flies (Family <i>Drosophilidae</i>)	1	0	0	0
Broccoli (<i>Brassica oleracea</i> var. <i>botrytis</i>) (<i>Host,Diagnosis/ID</i>) (2,3)				
Alternaria Leaf and Head Blight (<i>Alternaria</i> sp./spp.)	1	0	0	0
Bacterial Blight (Unidentified Bacteria)	1	0	0	0
slug feeding damage ()	1	0	0	0
Brussels-sprouts (<i>Brassica oleracea</i> var. <i>gemmifera</i>) (<i>Host,Diagnosis/ID</i>) (3,5)				
Black Leaf Spot (<i>Alternaria brassicicola</i>)	1	0	0	0
Black Leg (<i>Phoma</i> sp./spp.)	1	0	0	0
Cabbage Aphid (<i>Brevicoryne brassicae</i>)	1	0	0	0
Insect Frass; Pupal Casing; Webbing (Unidentified Arthropod)	1	0	0	0
Rhizoctonia Root; Crown Rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>) (<i>Host,Diagnosis/ID</i>) (9,13)				
Alternaria Head Rot (<i>Alternaria</i> sp./spp.)	1	0	0	0
Alternaria Leaf and Head Blight (<i>Alternaria</i> sp./spp.)	3	0	0	0

Alternaria Leaf Spot (Alternaria sp./spp.)	1	0	0	0
Black Rot (Xanthomonas campestris)	2	0	0	0
Colorado Potato Beetle (Leptinotarsa decemlineata)	1	0	0	0
Crucifer Bacterial Black Rot (Xanthomonas campestris)	3	0	0	0
Smut (Ustilago sp./spp.)	1	0	0	0
White Mold (Stem Rot) (Sclerotinia sclerotiorum)	1	0	0	0
Canaan Fir (Abies balsamea phanerolepsis) (Host,Diagnosis/ID) (1,1)				
Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Caneberries (brambles) (Rubus spp) (Host,Diagnosis/ID) (1,1)				
Spotted Wing Drosophila (Drosophila suzukii)	1	0	0	0
Carrot (Daucus carota sativus) (Host,Diagnosis/ID) (1,3)				
Carrot Rust Fly (Psila rosae) - Damage ()	0	0	1	0
Rhizoctonia Root Rot (Rhizoctonia sp./spp.)	1	0	0	0
White Mold (Stem Rot) (Sclerotinia sclerotiorum)	1	0	0	0
Carrots () (Host,Diagnosis/ID) (1,2)				
Alternaria Leaf Blight (Alternaria sp./spp.)	1	0	0	0
Early Blight; Leaf Spot; Blight (Cercospora carotae)	1	0	0	0
Cauliflower (Brassica oleracea var. botrytis) (Host,Diagnosis/ID) (4,9)				
Alternaria Leaf and Head Blight (Alternaria sp./spp.)	1	0	0	0
Bacterial Blight (Unidentified Bacteria)	1	0	0	0
Cutworms (Family Noctuidae)	0	0	0	1
Fusarium Basal Rot (Fusarium sp./spp.)	1	0	0	0
Genetic Disorders (Abiotic disorder)	0	0	1	0
No Pathogen Found (Identification Analysis)	2	0	0	0
Scorch (Abiotic disorder)	0	0	1	0
Wind Damage (Abiotic disorder)	0	0	1	0
Cedar (Cedrus sp./spp.) (Host,Diagnosis/ID) (3,7)				
Cedar-apple Rust (Gymnosporangium juniperi-virginianae)	1	0	0	0
Pestalotiopsis Needle Blight; Tip Blight (Pestalotiopsis sp./spp.)	1	0	0	0
Phomopsis Blight (Phomopsis sp./spp.)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Tip Blight (Kabatina sp./spp.)	1	0	0	0
Winter Injury (Abiotic disorder)	1	0	1	0
Celeriac (Apium graveolens var. rapaceum) (Host,Diagnosis/ID) (2,2)				
Early Blight (Cercospora apii)	2	0	0	0
Celery (Apium graveolens dulce) (Host,Diagnosis/ID) (1,2)				
Anthraxnose (Colletotrichum acutatum)	1	0	0	0
Bacterial Leaf Blight (Pseudomonas sp./spp.)	0	0	1	0
Cherry (Prunus sp./spp.) (Host,Diagnosis/ID) (3,3)				
Black Knot (Apiosporina morbosa)	1	0	0	0
Brown Rot (Monilia sp./spp.)	0	0	1	0
Pear Sawfly (Caliroa cerasi)	1	0	0	0

Insufficient Sample (Identification Analysis)	1	0	0	0
Christmas Cactus (<i>Schlumbergera bridgesii</i>) (Host,Diagnosis/ID) (1,4)				
Corking tissue as plant ages ()	0	0	0	1
Excessive Water (Abiotic disorder)	0	0	1	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Normal Plant Growth (Identification Analysis)	0	0	1	0
Common Apple (<i>Malus sylvestris</i>) (Host,Diagnosis/ID) (4,9)				
hypersensitive response ()	0	0	1	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Frogeye Leaf Spot; Black Rot (<i>Botryosphaeria obtusa</i>)	3	0	0	0
Lichens (Lichenes)	1	0	0	0
Sooty Blotch Flyspeck Complex (Various Fungi)	1	0	0	0
Spider Mites (Family Tetranychidae)	1	0	0	0
Twospotted Spider Mite (<i>Tetranychus urticae</i>)	1	0	0	0
Common Honeylocust (<i>Gleditsia triacanthos</i>) (Host,Diagnosis/ID) (1,1)				
Honeylocust Plant Bug (<i>Blepharopterus</i> (<i>Diaphnocoris</i>) <i>chlorionis</i>)	1	0	0	0
Common Milkweed (<i>Asclepias syriaca</i>) (Host,Diagnosis/ID) (1,2)				
Curculionid Weevil (<i>Rhyssomatus</i> sp./spp.)	0	0	1	0
Verticillium Wilt (<i>Verticillium</i> sp./spp.)	0	0	1	0
Common Wheat (<i>Triticum aestivum</i>) (Host,Diagnosis/ID) (1,3)				
Insect Damage (Unidentified Insect)	0	0	1	0
Physiological Silvering (Abiotic Disorder)	0	0	1	0
Tan Spot (<i>Drechslera</i> sp./spp.)	1	0	0	0
Compost Pile (habitat) (Host,Diagnosis/ID) (1,1)				
Verticillium Wilt (<i>Verticillium</i> sp./spp.)	0	0	1	0
Crabapple (<i>Malus</i> sp./spp.) (Host,Diagnosis/ID) (3,7)				
Apple Scab (<i>Venturia</i> (<i>Spilocaea</i>) <i>inaequalis</i> (<i>pomi</i>))	1	0	0	0
Cedar-Quince Rust (<i>Gymnosporangium clavipes</i>)	1	0	0	0
Dieback; Canker (<i>Nectria</i> sp./spp.)	2	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria</i> sp./spp.)	2	0	0	0
Sooty Mold (<i>Capnodium</i> sp./spp.)	1	0	0	0
Cucumber (<i>Cucumis sativus</i>) (Host,Diagnosis/ID) (5,8)				
Alternaria Leaf Spot (<i>Alternaria</i> sp./spp.)	3	0	0	0
Black Leg (<i>Plectosphaerella</i> (<i>Plectosporium</i>) <i>cucumerina</i> (<i>tabacinum</i>))	1	0	0	0
Corynespora Leaf Spot (<i>Corynespora</i> sp./spp.)	2	0	0	0
Cucurbit Bacterial Wilt (<i>Erwinia tracheiphila</i>)	1	0	0	0
Cucurbit Downy Mildew (<i>Pseudoperonospora cubensis</i>)	1	0	0	0
Dog Fennel (<i>Eupatorium</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Plume Moths (Family Pterophoridae)	1	0	0	0
Dogwood (<i>Cornus</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Excessive Water (Abiotic disorder)	0	0	1	0

Abnormal Fruit Development (Abiotic Disorder)	1	0	0	0
Additional Sample Requested (Identification Analysis)	1	0	0	0
Apple Scab (<i>Venturia (Spilocaea) inaequalis (pomi)</i>)	5	0	0	0
Brooks Fruit Spot (<i>Mycosphaerella pomi</i>)	2	0	0	0
Cedar-apple Rust (<i>Gymnosporangium juniperi-virginianae</i>)	1	0	0	0
Cytospora Canker; Dieback (<i>Cytospora sp./spp.</i>)	1	0	0	0
Dieback; Canker (<i>Nectria sp./spp.</i>)	1	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria sp./spp.</i>)	2	0	0	0
Nectria Canker (<i>Neonectria coccinea</i>)	0	0	1	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Sooty Blotch Flyspeck Complex (Various Fungi)	2	0	0	0
Spray injury (unidentified) ()	0	0	1	0
Twospotted Spider Mite (<i>Tetranychus urticae</i>)	1	0	0	0
Unidentified Cultivar ()	0	0	0	2
Watercore (Abiotic disorder)	1	0	0	0
Winter Injury (Abiotic disorder)	0	0	1	0
Dwarf Siberian pine (<i>Pinus pumila</i>) (<i>Host,Diagnosis/ID</i>) (1,3)				
Additional Information Requested (Identification Analysis) ()	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Root Problem (Unknown Cause)	0	0	1	0
Eastern Hemlock (<i>Tsuga canadensis</i>) (<i>Host,Diagnosis/ID</i>) (1,3)				
Hemlock Woolly Adelgid (<i>Adelges tsugae</i>)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Spider Mites (Family Tetranychidae)	1	0	0	0
Eggplant (<i>Solanum melogena</i>) (<i>Host,Diagnosis/ID</i>) (5,6)				
Colorado Potato Beetle (<i>Leptinotarsa decemlineata</i>)	1	0	0	0
Green Peach Aphid (<i>Myzus persicae</i>)	1	0	0	0
No Pathogen Found (Identification Analysis)	0	0	0	0
Sunscald (Abiotic disorder)	0	0	1	0
Verticillium Wilt (<i>Verticillium sp./spp.</i>)	1	0	1	0
Elderberry (<i>Sambucus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (2,6)				
Dieback; Canker (<i>Nectria sp./spp.</i>)	1	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria sp./spp.</i>)	1	0	0	0
Hail Damage (Abiotic disorder)	0	0	1	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Root Aphids (Family Aphididae)	1	0	0	0
Elm (<i>Ulmus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Dutch Elm Disease (<i>Ophiostoma sp./spp.</i>)	1	0	0	0
Elm Cockscombgall Aphid (<i>Colopha ulmicola</i>)	1	0	0	0
Ferns (Ferns; various genera <i>sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				

	1	0	0	0
Fir (<i>Abies sp./spp.</i>) (Host,Diagnosis/ID) (5,12)				
Additional Sample Requested (Identification Analysis)	0	0	0	0
Balsam Twig Aphid (<i>Mindarus pinicola</i> (<i>abietinus</i>))	0	0	1	0
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Needle Blight (Unidentified Agent)	0	0	0	1
Needle Dessication (Abiotic disorder)	0	0	0	0
No Pathogen Found (Identification Analysis)	2	0	0	0
Rhizosphaera Needle Cast (<i>Rhizosphaera pini</i>)	1	0	0	0
Rhizosphaera Needle Cast (<i>Rhizosphaera sp./spp.</i>)	1	0	0	0
Swiss Needle Cast (<i>Phaeocryptopus gaeumanni</i>)	1	0	0	0
Winter Injury (Abiotic disorder)	0	0	1	0
Fraser Fir (<i>Abies fraseri</i>) (Host,Diagnosis/ID) (2,2)				
Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	2	0	0	0
Garden Beet (<i>Beta vulgaris</i>) (Host,Diagnosis/ID) (1,3)				
No Insect Found (Identification Analysis)	1	0	0	0
no leaf spots observed ()	1	0	0	0
Rhizoctonia Root; Crown Rot (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Gardenia (<i>Gardenia sp./spp. hybrids</i>) (Host,Diagnosis/ID) (1,4)				
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Excessive Water (Abiotic disorder)	0	0	1	0
No Insect Found (Identification Analysis)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Garlic (<i>Allium sativum</i>) (Host,Diagnosis/ID) (12,29)				
Blue Mold Rot (<i>Penicillium sp./spp.</i>)	4	0	0	0
Botrytis Bulb and Root Rot (<i>Botrytis sp./spp.</i>)	2	0	0	0
Bulb Mite (<i>Rhizoglyphus sp./spp.</i>)	3	0	1	0
Bulb; Stem Nematodes (<i>Ditylenchus sp./spp.</i>)	0	0	1	0
Canker (<i>Alternaria</i> (<i>Embellisia</i>) <i>embellisia</i> (<i>alli</i>))	1	0	0	0
Eriophyid Mite (<i>Aceria tulipae</i>)	1	0	0	0
Fusarium Basal Rot (<i>Fusarium oxysporum</i> f.sp. <i>cepae</i>)	1	0	0	0
Fusarium Crown Rot (<i>Fusarium sp./spp.</i>)	1	0	0	0
Fusarium Dry Rot; Bulb Rot (<i>Fusarium sp./spp.</i>)	3	0	0	0
Fusarium Root; Crown Rot (<i>Fusarium sp./spp.</i>)	1	0	0	0
Garlic <i>Penicillium</i> Decay (<i>Penicillium hirsutum</i>)	1	0	0	0
Leek Moth (<i>Acrolepiopsis assectella</i>)	3	0	1	0
No Insect Found (Identification Analysis)	1	0	0	0
Onion Purple (Brown) Blotch (<i>Alternaria porri</i>)	1	0	0	0
Skin Blotch (<i>Alternaria</i> (<i>Embellisia</i>) <i>embellisia</i> (<i>alli</i>))	1	0	0	0
Storage Mold (<i>Aspergillus sp./spp.</i>)	1	0	0	0
White Rot (<i>Stromatinia</i> (<i>Sclerotium</i>) <i>cepivora</i> (<i>cepivorum</i>))	1	0	0	0
Geranium ('cultivated') (<i>Pelargonium sp./spp.</i>) (Host,Diagnosis/ID) (1,1)				

	1	0	0	0
Grape (Vitis sp./spp.) (Host,Diagnosis/ID) (5,19)				
Botrytis Blight (Botrytis sp./spp.)	1	0	0	0
Grape Anthracnose; Birds-eye Rot (Elsinoe (Sphaceloma) ampelina (ampelinum))	4	0	0	0
Grape Black Rot (Guignardia spp.) ()	1	0	0	0
Grape Downy Mildew (Plasmopara viticola)	1	0	0	0
Grape False Black Rot (Guignardia baccae)	1	0	0	0
Grape Powdery Mildew (Erysiphe (Uncinula) necator)	2	0	0	0
Leaf /Stem/Twig Blight; Rot; Gray Mold (Botrytis cinerea)	1	0	0	0
Leaf Spot (Botryosphaeria sp./spp.)	1	0	0	0
Leaf Spot (Phaeoisariopsis sp./spp.)	0	0	1	0
No Insect Found (Identification Analysis)	1	0	0	0
Phomopsis Blight (Phomopsis sp./spp.)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Phomopsis Leaf Spot (Phomopsis sp./spp.)	1	0	0	0
Rust Mites (Order acari)	0	0	1	0
Sooty Mold (Capnodium sp./spp.)	1	0	0	0
Hazelnut () (Host,Diagnosis/ID) (1,3)				
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Phoma Leaf Spot (Phoma sp./spp.)	1	0	0	0
Spider Mites (Family Tetranychidae)	1	0	0	0
Hemlock (Tsuga sp./spp.) (Host,Diagnosis/ID) (1,3)				
Cytospora Canker; Dieback (Cytospora sp./spp.)	1	0	0	0
No Insect Found (Identification Analysis)	1	0	0	0
Winter Injury (Abiotic disorder)	0	0	1	0
Hemp (Cannabis sativa) (Host,Diagnosis/ID) (1,2)				
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Rust (Uromyces sp./spp.)	1	0	0	0
Home and garden (habitat) (Host,Diagnosis/ID) (1,1)				
Darkling Beetles (Family Tenebrionidae)	1	0	0	0
Hosta (Hosta sp./spp.) (Host,Diagnosis/ID) (1,1)				
Foliar Nematodes (Aphelenchoides sp./spp.)	1	0	0	0
Household; Domestic dwellings (habitat) (Host,Diagnosis/ID) (1,1)				
Various Fungi (Various Fungi)	1	0	0	0
Houseplants; Potted plants (houseplants) (Host,Diagnosis/ID) (3,3)				
Lepiota mushroom (Lepiota sp./spp.)	0	0	1	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Yellow Houseplant Mushroom (Leucocoprinus birnbaumii)	1	0	0	0
Insect Id request (general) (Host,Diagnosis/ID) (2,2)				
Predaceous Diving Beetle (Family Dytiscidae)	1	0	0	0
Spotted Wing Drosophila (Drosophila suzukii)	1	0	0	0

Ivy Geranium (Pelargonium peltatum) (Host,Diagnosis/ID) (1,2)				
No Pathogen Found (Identification Analysis)	1	0	0	0
Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
Jalapeno Pepper (Capsicum annum annum 'jalapeno') (Host,Diagnosis/ID) (1,2)				
Fusarium Root; Crown Rot (Fusarium sp./spp.)	1	0	0	0
Slime Mold (Class Myxogastria; Mycetozoa)	1	0	0	0
Japanese Maple (Acer palmatum) (Host,Diagnosis/ID) (1,3)				
Dieback; Canker (Nectria sp./spp.)	1	0	0	0
Maple Anthracnose (Aureobasidium apocryptum)	1	0	0	0
Phyllosticta Leaf Spot (Phyllosticta sp./spp.)	1	0	0	0
Japanese Tree lilac (Syringa reticulata) (Host,Diagnosis/ID) (1,1)				
Root Problem (Unknown Cause)	0	0	1	0
Kale (Brassica oleracea acephala) (Host,Diagnosis/ID) (5,8)				
Abnormal Plant Growth (Abiotic disorder)	1	0	0	0
Black Leg (Phoma sp./spp.)	1	0	0	0
Boron Deficiency (Abiotic disorder)	0	0	1	0
No Insect Found (Identification Analysis)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Nutritional Deficiency (Abiotic disorder)	0	0	1	0
Powdery Mildew (Erysiphe cruciferarum)	1	0	0	0
landscape plants () (Host,Diagnosis/ID) (1,1)				
Pesticide Toxicity (Abiotic disorder)	0	0	1	0
Larch (Larix sp./spp.) (Host,Diagnosis/ID) (1,3)				
Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)	1	0	0	0
Mycosphaerella Leaf Spot (Mycosphaerella sp./spp.)	1	0	0	0
Sirococcus Twig Blight (Sirococcus sp./spp.)	1	0	0	0
lawn () (Host,Diagnosis/ID) (2,2)				
Mossy Stonecrop (Sedum acre)	1	0	0	0
Nimblewill (Muhlenbergia schreberi)	1	0	0	0
Lettuce (Lactuca sativa) (Host,Diagnosis/ID) (3,4)				
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Rhizoctonia Bottom Rot (Thanatephorus (Rhizoctonia) cucumeris (solani))	1	0	0	0
Rhizoctonia Foliar/ Aerial/ Web Blight (Rhizoctonia solani)	1	0	0	0
Rhizopus Rot (Rhizopus sp./spp.)	1	0	0	0
Lilac (Syringa sp./spp.) (Host,Diagnosis/ID) (1,1)				
Bacterial Blight (Unidentified Bacteria)	1	0	0	0
Lily (Lilium sp./spp.) (Host,Diagnosis/ID) (1,1)				
Lily Leaf Beetle (Lilioceris lili)	1	0	0	0
Linden Viburnum (Viburnum dilatatum) (Host,Diagnosis/ID) (1,2)				

Mycosphaerella Leaf Spot (Mycosphaerella sp./spp.)	1	0	0	0
Root Problems (Abiotic disorder)	0	0	1	0
Lisianthus (Lisianthus sp./spp.) (Host,Diagnosis/ID) (1,4)				
Botrytis Blight (Botrytis sp./spp.)	1	0	0	0
Botrytis Canker (Botrytis sp./spp.)	1	0	0	0
Mites (Order acari)	1	0	0	0
Root and or Pot Bound (Abiotic disorder)	0	0	1	0
malus () (Host,Diagnosis/ID) (1,1)				
Plum Curculio (Conotrachelus nenuphar)	1	0	0	0
Maple (Acer sp./spp.) (Host,Diagnosis/ID) (8,13)				
Anthracnose; Colletotrichum Leaf Spot (Colletotrichum sp./spp.)	0	0	1	0
Bark Damage (Abiotic disorder)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Maple Decline (Complex of Biotic; Abiotic Factors)	0	0	1	0
Maple Spindle Gall Mite (Vasates aceriscrumena)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Pear Thrips (Taeniothrips inconsequens)	1	0	0	0
Phyllosticta Leaf Spot (Phyllosticta sp./spp.)	1	0	0	0
Slime Mold (Class Myxogastria; Mycetozoa)	1	0	0	0
Spider Mites (Family Tetranychidae)	1	0	0	0
Verticillium Wilt (Verticillium sp./spp.)	0	0	2	0
Melon (Cucumis melo) (Host,Diagnosis/ID) (1,1)				
Corynespora Leaf Spot (Corynespora sp./spp.)	1	0	0	0
Mixed Plant material (unspecified) (Host,Diagnosis/ID) (1,1)				
Fungal Pathogens (General)	1	0	0	0
Mixed Vegetables Transplants () (Host,Diagnosis/ID) (1,3)				
Ethylene Exposure (Abiotic disorder)	0	0	1	0
No Insect Found (Identification Analysis)	0	0	0	0
No Pathogen Found (Identification Analysis)	0	0	0	0
Mockorange (Philadelphus sp./spp.) (Host,Diagnosis/ID) (1,4)				
Dieback; Canker (Nectria sp./spp.)	1	0	0	0
Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)	1	0	0	0
Hail Damage (Abiotic disorder)	0	0	1	0
Phomopsis Dieback; Tip Blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Mugo (swiss mountain) pine (Pinus mugo) (Host,Diagnosis/ID) (1,1)				
No Pathogen Found (Identification Analysis)	1	0	0	0
Mulch (habitat) (Host,Diagnosis/ID) (1,1)				
Gray Snow Mold (Typhula itoana) - sclerotia ()	1	0	0	0
Multiple hosts (Plant identification) (Host,Diagnosis/ID) (1,1)				
Plant Identification (Identification Analysis)	0	0	0	0
Mustard Family (Brassicaceae family) (Host,Diagnosis/ID) (1,1)				

	0	0	1	0
Nasturtium (Tropaeolum sp./spp. hybrids) (Host,Diagnosis/ID) (1,2)				
Bacterial Leaf Blight (Pseudomonas sp./spp.)	1	0	0	0
No Insect Found (Identification Analysis)	1	0	0	0
Ninebark (Physocarpus opulifolius) (Host,Diagnosis/ID) (1,1)				
Glorious Habrosyne (Habrosyne gloriosa)	1	0	0	0
North. White (american) cedar (Thuja occidentalis) (Host,Diagnosis/ID) (1,2)				
Phomopsis Dieback; Tip Blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Winter Injury (Abiotic disorder)	0	0	1	0
Norway Spruce (Picea abies) (Host,Diagnosis/ID) (1,3)				
Phomopsis Tip Blight; Needle Blight (Phomopsis juniperovora)	1	0	0	0
Sudden Needle Drop: Spruce Needle Drop (Setomelanomma holmii)	1	0	0	0
Unspecified Pathology (Stigmina sp./spp.)	1	0	0	0
Oak (Quercus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Jelly Fungus (Tremella sp./spp.)	1	0	0	0
Oats (Avena sativa) (Host,Diagnosis/ID) (1,2)				
Fusarium Crown and Stalk Rot (Fusarium sp./spp.)	1	0	0	0
Rhizoctonia Root Rot (Rhizoctonia sp./spp.)	1	0	0	0
Onion () (Host,Diagnosis/ID) (1,2)				
Onion Purple (Brown) Blotch (Alternaria porri)	1	0	0	0
Stemphylium Leaf Spot (Stemphylium sp./spp.)	1	0	0	0
Onion (Allium cepa) (Host,Diagnosis/ID) (3,5)				
Alternaria Leaf Spot (Alternaria sp./spp.)	1	0	0	0
Botrytis Blight (Botrytis sp./spp.)	1	0	0	0
Grey Mold; Stalk Rot; Neck Rot (Botrytis allii)	1	0	0	0
Onion Downy Mildew (Peronospora destructor)	1	0	0	0
Onion Purple (Brown) Blotch (Alternaria porri)	1	0	0	0
Oxalis (Oxalis sp./spp.) (Host,Diagnosis/ID) (1,1)				
Insufficient Sample (Identification Analysis)	0	0	0	0
Parsnip (Pastinaca sativa) (Host,Diagnosis/ID) (1,1)				
Parsnip Canker (Itersonilia perplexans)	1	0	0	0
Peach (Prunus persica) (Host,Diagnosis/ID) (1,3)				
Catface (Abiotic disorder)	0	0	1	0
Mirid Bug (Lygus sp./spp.)	1	0	0	0
Scab (Venturia (Cladosporium) carpophila)	1	0	0	0
Pear (ornamental) (Pyrus sp./spp.) (Host,Diagnosis/ID) (4,6)				
Eriophyid Mite (Acaricalus sp./spp.)	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	1	0
No Insect Found (Identification Analysis)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Sooty Blotch Flyspeck Complex (Various Fungi)	1	0	0	0

Stink Bug Damage (Unidentified Stink Bug)	1	0	0	0
Pear (<i>Pyrus communis</i>) (Host,Diagnosis/ID) (2,4)				
Eriophyid Mite (<i>Acaricalus</i> sp./spp.)	1	0	0	0
Fire Blight (<i>Erwinia amylovora</i>)	0	1	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Winter Injury (Abiotic disorder)	0	0	1	0
Peony (<i>Paeonia</i> sp./spp.) (Host,Diagnosis/ID) (4,6)				
Blight (<i>Botrytis paeoniae</i>)	1	0	1	0
Botrytis Blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	0	1
Nitidulid Sap Beetle (<i>Glischrochilus</i> sp./spp.)	0	0	1	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Pepper (<i>Capsicum</i> sp./spp.) (Host,Diagnosis/ID) (4,5)				
Bacterial Canker (<i>Clavibacter michiganensis michiganensis</i>)	1	0	0	0
Bacterial Leaf Spot (<i>Xanthomonas</i> sp./spp.)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Leaf Spot (Abiotic disorder)	1	0	0	0
No Pathogen Found (Identification Analysis)	0	0	0	0
Periwinkle (<i>Vinca</i> sp./spp.) (Host,Diagnosis/ID) (1,3)				
Phoma Blight; Dieback; Rot (<i>Phoma</i> sp./spp.)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Septoria leaf spot (<i>Septoria vincae</i>) ()	1	0	0	0
Petunias (<i>Petunia</i> sp./spp. hybrids) (Host,Diagnosis/ID) (1,3)				
Chemical; Environmental Injury (Abiotic disorder)	0	0	1	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Tobamovirus Group (Tobamovirus Group)	0	0	1	0
Phlox (<i>Phlox</i> sp./spp.) (Host,Diagnosis/ID) (1,3)				
Powdery Mildew (<i>Golovinomyces cichoracearum</i>)	1	0	0	0
stem borer ()	0	0	0	1
Twospotted Spider Mite (<i>Tetranychus urticae</i>)	1	0	0	0
Pine (<i>Pinus</i> sp./spp.) (Host,Diagnosis/ID) (3,6)				
Dothistroma Needle Blight (<i>Dothistroma</i> sp./spp.)	2	0	0	0
Pine Eriophyid mite (<i>Setoptus</i> spp.) ()	1	0	0	0
Red Pine Shoot Moths (<i>Dioryctria</i> sp./spp.)	0	0	1	0
Root Rot (<i>Thielaviopsis</i> sp./spp.)	1	0	0	0
Spruce Spider Mite (<i>Oligonychus ununguis</i>)	1	0	0	0
Plant ID () (Host,Diagnosis/ID) (1,1)				
Giant Ragweed (<i>Ambrosia trifida</i>)	1	0	0	0
Plant Id request (general) (Host,Diagnosis/ID) (6,6)				
Common Lambsquarters (<i>Chenopodium album</i>)	1	0	0	0
Douglas Fir (<i>Pseudotsuga menziesii</i>)	1	0	0	0
Goldenrod (<i>Solidago</i> sp./spp.)	1	0	0	0

	1	0	0	0
Mugwort (<i>Artemisia vulgaris</i>)	1	0	0	0
<i>Polygonum cilinode</i> ()	1	0	0	0
Plum (<i>Prunus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (3,5)				
Brown Rot ; Blossom Blight; Fruit Rot (<i>Monilinia sp./spp.</i>)	1	0	0	0
Dieback; Canker; Twig Blight (<i>Botryosphaeria sp./spp.</i>)	1	0	0	0
Lichens (Lichenes)	1	0	0	0
Pear Sawfly (<i>Caliroa cerasi</i>)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Potato (<i>Solanum tuberosum</i>) (<i>Host,Diagnosis/ID</i>) (15,22)				
Alternaria Leaf Spot (<i>Alternaria sp./spp.</i>)	1	0	0	0
Early Blight; Leaf Spot (<i>Alternaria solani</i>)	4	0	0	0
Fusarium Stem Rot (<i>Fusarium sp./spp.</i>)	1	0	0	0
Ground Beetle (<i>Harpalus sp./spp.</i>)	1	0	0	0
Late Blight (<i>Phytophthora infestans</i>)	5	0	0	0
No Insect Found (Identification Analysis)	0	0	0	0
No Pathogen Found (Identification Analysis)	0	0	0	0
Nutritional Deficiency (Abiotic disorder)	0	0	1	0
Potato Canker and Black Scurf (<i>Thanatephorus (Rhizoctonia) cucumeris (solani)</i>)	1	0	0	0
Potato Common Scab (<i>Streptomyces scabies</i>)	2	0	0	0
Potato Leafhopper (<i>Empoasca fabae</i>)	1	0	2	0
Root Problems (Abiotic disorder)	0	0	1	0
Purpleleaf Sand cherry (<i>Prunus x cistena</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Pear Sawfly (<i>Caliroa cerasi</i>)	1	0	0	0
Radish (<i>Raphanus sativus</i>) (<i>Host,Diagnosis/ID</i>) (1,3)				
Cabbage Maggot (<i>Delia radicum</i>)	0	0	1	0
Rhizoctonia Root Rot (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Vegetable Leafminer (<i>Liriomyza sativae</i>)	0	0	1	0
Raspberry (<i>Rubus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Raspberry Cane Borer (<i>Oberea bimaculata</i>)	1	0	0	0
Rudbeckia (<i>Rudbeckia sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Alternaria Leaf Spot (<i>Alternaria sp./spp.</i>)	1	0	0	0
Mycosphaerella Leaf Spot (<i>Mycosphaerella sp./spp.</i>)	1	0	0	0
Rutabaga (swedish turnip) (<i>Brassica napus var. napobrassica</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Boron Deficiency (Abiotic disorder)	1	0	0	0
Salix () (<i>Host,Diagnosis/ID</i>) (1,1)				
Dieback; Canker; Twig Blight (<i>Botryosphaeria sp./spp.</i>)	1	0	0	0
Scots Pine (<i>Pinus sylvestris</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Brown Spot ; Needle Blight (<i>Mycosphaerella dearnessii</i>)	0	0	1	0
Dothistroma Needle Blight (<i>Dothistroma sp./spp.</i>)	1	0	0	0

Service-tree; Mountain-ash (Sorbus sp./spp.) (Host,Diagnosis/ID) (1,3)				
Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)	1	0	0	0
Phyllosticta Leaf Spot (Phyllosticta sp./spp.)	1	0	0	0
Septoria Leaf Spot (Septoria sp./spp.)	1	0	0	0
Serviceberry (Amelanchier sp./spp.) (Host,Diagnosis/ID) (4,6)				
Abnormal Plant Growth (Abiotic disorder)	1	0	0	0
Entomosporium Leaf Spot (Entomosporium sp./spp.)	1	0	0	0
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Lichens (Lichenes)	1	0	0	0
Pear Sawfly (Caliroa cerasi)	1	0	0	0
Woolly Apple Aphid (Eriosoma lanigerum)	1	0	0	0
Shasta Daisy (Chrysanthemum x superbum) (Host,Diagnosis/ID) (1,3)				
Alternaria Leaf Spot (Alternaria sp./spp.)	1	0	0	0
Fourlined Plant Bug (Poecilocapsus lineatus)	0	0	1	0
Septoria Leaf Spot (Septoria sp./spp.)	1	0	0	0
Silver Maple (Acer saccharinum) (Host,Diagnosis/ID) (1,1)				
Verticillium Wilt (Verticillium sp./spp.)	0	0	1	0
Snapdragon (Antirrhinum sp./spp. hybrids) (Host,Diagnosis/ID) (1,1)				
Sclerotinia Crown Rot (Sclerotinia sp./spp.)	1	0	0	0
Sour Cherry (Prunus cerasus) (Host,Diagnosis/ID) (1,1)				
Leaf Blight and Spot; Shothole (Blumeriella jaapii)	1	0	0	0
Soybean (Glycine max) (Host,Diagnosis/ID) (1,2)				
Diaporthe Stem Rot (Diaporthe sp./spp.)	1	0	0	0
Fusarium Root; Crown Rot (Fusarium sp./spp.)	1	0	0	0
Spinach (Spinacia oleracea) (Host,Diagnosis/ID) (6,15)				
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Guttation (Abiotic: Physiological Disorder) ()	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	1	0
No arthropods ()	1	0	0	0
No Insect Found ()	1	0	0	0
No Insect Found (Identification Analysis)	1	0	0	0
No Pathogen Found (Identification Analysis)	4	0	0	0
Rhizoctonia Damping Off (Rhizoctonia sp./spp.)	1	0	0	0
Serpentine Leafminer Complex (Liriomyza brassicae)	1	0	0	0
Spinach Crown Mite (Rhizoglyphus sp.) ()	1	0	0	0
Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
Winter Injury (Abiotic disorder)	0	0	1	0
Spruce (Picea sp./spp.) (Host,Diagnosis/ID) (8,29)				
Cooley Spruce Gall Adelgid (Adelges cooleyi)	1	0	0	0
Lichens (Lichenes)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Phomopsis Tip Blight; Needle Blight (Phomopsis juniperovora)	1	0	0	0

	5	0	0	0
Sirococcus Needle Blight (Sirococcus sp./spp.)	1	0	0	0
Spruce Bud Scale (Physokermes sp./spp.)	2	0	0	0
Spruce Spider Mite (Oligonychus spp.) ()	1	0	0	0
Spruce Spider Mite (Oligonychus ununguis)	2	0	1	0
Sudden Needle Drop: Spruce Needle Drop (Setomelanomma holmii)	7	0	0	0
Unspecified Pathology (Rhizosphaera sp./spp.)	1	0	0	0
Unspecified Pathology (Stigmina sp./spp.)	4	0	0	0
Yellowheaded Spruce Sawfly PUPA (Pikonema alaskensis) ()	0	0	1	0
Squash (Cucurbita sp./spp.) (Host,Diagnosis/ID) (2,2)				
Normal Plant Growth (Identification Analysis)	1	0	0	0
Powdery Mildew (Podosphaera sp./spp.)	1	0	0	0
Strawberry (Fragaria sp./spp.) (Host,Diagnosis/ID) (4,7)				
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
no insect damage ()	1	0	0	0
No Insect Found (Identification Analysis)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Slime Mold (Diachea spp.) ()	1	0	0	0
Strawberry Black Root Rot Complex (Various Fungi)	0	0	1	0
Winter Injury (Abiotic disorder)	0	0	1	0
Sugar Maple (Acer saccharum) (Host,Diagnosis/ID) (2,6)				
Discula Anthracnose (Discula sp./spp.)	1	0	0	0
Erineum Galls (Family Eriophyidae)	2	0	0	0
Leaf Scorch (Abiotic disorder)	0	0	1	0
Maple Leaf Spot (Phyllosticta minima)	1	0	0	0
Twospotted Spider Mite (Tetranychus urticae)	1	0	0	0
Summersweet (Clethra alnifolia) (Host,Diagnosis/ID) (1,1)				
Scale Insects (Order homoptera)	1	0	0	0
Sunflower (Helianthus sp./spp.) (Host,Diagnosis/ID) (1,3)				
No Insect Found (Identification Analysis)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
Sweet Basil (Ocimum basilicum) (Host,Diagnosis/ID) (6,7)				
Downy Mildew (Peronospora belbahrii)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Fusarium Root; Crown Rot (Fusarium sp./spp.)	1	0	0	0
Fusarium Stem Rot (Fusarium sp./spp.)	1	0	0	0
Insect Damage (Unidentified Insect)	0	0	1	0
Leaf Spot (Abiotic disorder)	1	0	0	0
Rhizoctonia Crown and Stem Rot (Rhizoctonia sp./spp.)	1	0	0	0
swiss chard () (Host,Diagnosis/ID) (1,2)				
Beet Leafminer; Spinach Lm (Pegomya hyoscyami)	0	0	1	0

	1	0	0	0
Swiss Chard (<i>Beta vulgaris</i> var. <i>cicla</i>) (<i>Host,Diagnosis/ID</i>) (3,4)				
Cercospora Beet Leaf Spot (<i>Cercospora beticola</i>)	2	0	0	0
Crucifer Bacterial Leaf Spot (<i>Pseudomonas syringae</i> pv. <i>maculicola</i>)	1	0	0	0
Ramularia Leaf Spot (<i>Ramularia</i> sp./spp.)	1	0	0	0
Tomatillo; Tree tomato (<i>Solanum macranthum</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Environmental Stress; Problem (Abiotic disorder)	1	0	0	0
Tomato (<i>Lycopersicon esculentum</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
contaminated compost ()	0	0	1	0
Magnesium Deficiency (Abiotic disorder)	1	0	0	0
Tomato (<i>Lycopersicon</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (38,68)				
Alternaria Leaf Spot (<i>Alternaria</i> sp./spp.)	2	0	0	0
Anthracnose Stem Blight (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Bacterial Leaf Spot (<i>Xanthomonas</i> sp./spp.)	0	0	1	0
Chimera (Abiotic disorder)	0	0	1	0
Cladosporium Leaf Spot (<i>Cladosporium</i> sp./spp.)	2	0	0	0
Early Blight; Leaf Spot (<i>Alternaria solani</i>)	6	0	0	0
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Ethylene Exposure (Abiotic disorder)	0	0	1	0
Fertilizer Injury (Abiotic disorder) - Nitrogen ()	2	0	0	0
Foliar Nematodes (Family Aphelenchoididae)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	0	1
Fusarium Crown Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Fusarium Leaf Spot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Fusarium Root Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Herbicide Injury; Exposure (Abiotic disorder)	0	0	1	0
Large Yellow Underwing (<i>Noctua pronuba</i>)	2	0	0	0
Late Blight (<i>Phytophthora infestans</i>)	4	0	0	0
Leaf Mold (<i>Passalora fulva</i>)	3	0	0	0
Leaf Mold; Spot (<i>Passalora fulva</i>)	1	0	0	0
Leaf Scorch (Abiotic disorder)	1	0	2	0
Leaf Spot (Abiotic disorder)	0	0	2	0
Magnesium Deficiency (Abiotic disorder)	1	0	1	0
Natural Senescence (Abiotic disorder)	1	0	0	0
No Insect Found (Identification Analysis)	2	0	0	0
No Pathogen Found (Identification Analysis)	6	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Nutritional Deficiency (Abiotic disorder)	0	0	1	0
Powdery Mildew (<i>Leveillula</i> sp./spp.)	1	0	0	0
Septoria Leaf Spot (<i>Septoria lycopersici</i>)	3	0	0	0
Spider Mite (<i>Tetranychus</i> sp./spp.)	2	0	0	0

Spider Mites (Family Tetranychidae)	1	0	0	0
Stem Canker (Colletotrichum (teleo. Glomerella) sp./spp.)	1	0	0	0
Stem Rot (Botrytis sp./spp.)	1	0	0	0
Tomato leaf mold (Cladosporium fulvum)	1	0	0	0
Tortoise Beetles (Subfamily Cassidinae)	1	0	0	0
Twospotted Spider Mite (Tetranychus urticae)	1	0	0	0
tree bark () (Host,Diagnosis/ID) (1,2)				
Armillaria Root Rot; Butt Rot (Armillaria sp./spp.)	1	0	0	0
Winter Injury (Abiotic disorder)	0	0	1	0
Turfgrass (Turfgrass mixed species) (Host,Diagnosis/ID) (3,3)				
Anthracnose (Colletotrichum cereale)	1	0	0	0
Gray Snow Mold (Typhula itoana)	1	0	0	0
turf slime mold ()	1	0	0	0
Unknown Weeds; unknown plants (Mixed species) (Host,Diagnosis/ID) (11,13)				
Bishops Goutweed (Aegopodium podagraria)	1	0	0	0
Buckthorne (Rhamnus spp.) ()	1	0	0	0
Common Blue Violet (Viola papilionaceae)	1	0	0	0
Common Velvetgrass (Holcus lanatus)	1	0	0	0
Fleabane (Erigeron sp./spp.)	1	0	0	0
Gray Snow Mold (Typhula itoana) - sclerotia ()	1	0	0	0
Horseweed (Conyza canadensis)	1	0	0	0
Japanese Knotweed (Polygonum cuspidatum)	1	0	0	0
Phyllosticta Leaf Spot (Phyllosticta sp./spp.)	1	0	0	0
Pigweed (Amaranthus sp./spp.)	1	0	0	0
Rubus pubescens ()	1	0	0	0
Unspecified Pathology (Botrytis sp./spp.)	1	0	0	0
Wild Cucumber (Echinocystis lobata)	1	0	0	0
varied trees () (Host,Diagnosis/ID) (1,1)				
Additional Sample Requested (Identification Analysis)	0	0	0	0
Vegetables (Mixed species) (Host,Diagnosis/ID) (1,1)				
Additional Sample Requested (Identification Analysis)	1	0	0	0
Veronica longifolia () (Host,Diagnosis/ID) (1,3)				
No Insect Found (Identification Analysis)	0	0	0	0
No Pathogen Found (Identification Analysis)	0	0	0	0
pH Induced Pathology (Abiotic disorder)	0	0	1	0
Yew (Taxus sp./spp.) (Host,Diagnosis/ID) (1,3)				
Cottony Camellia Scale (Pulvinaria floccifera)	0	0	1	0
Sooty Mold (Capnodium sp./spp.)	1	0	0	0
Tip Blight (Kabatina sp./spp.)	1	0	0	0
Zinnia (Zinnia sp./spp. hybrids) (Host,Diagnosis/ID) (1,2)				
No Insect Found (Identification Analysis)	1	0	0	0

No Pathogen Found (Identification Analysis)	1	0	0	0
Zucchini Squash (<i>Cucurbita pepo melopepo</i>) (Host,Diagnosis/ID) (2,3)				
Alternaria Fruit Rot and Spot (Alternaria sp./spp.)	1	0	0	0
Cucurbit Septoria Leaf Spot (Septoria cucurbitacearum)	1	0	0	0
Wet Rot; Fruit Rot (Choanephora cucurbitarum)	1	0	0	0