

PLANT DIAGNOSTIC CLINIC 2016



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-2016 through 12/31/2016. A total of 316 sample(s) have been processed during this time period.

The following diagnosticians were involved in processing samples for the laboratory from 01-Jan-2016 through 31-Dec-2016.

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.

Margaret Skinner, processed 2 sample(s).
Sarah Kingsley-Richards, processed 1 sample(s).
GabriellaMaia, processed 263 sample(s).
Ann Hazelrigg, processed 300 sample(s).

The following Advisory Consultants provided advice for the laboratory from 01-Jan-2016 through 31-Dec-2016.

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 1 sample(s).
David Barrington, gave advice for 1 sample(s).
Margaret Skinner, gave advice for 1 sample(s).
Mark Starrett, gave advice for 4 sample(s).
Sara R May, gave advice for 1 sample(s).
Sarah Kingsley-Richards, gave advice for 1 sample(s).
Sid Bosworth, gave advice for 4 sample(s).
Steven Johnson, gave advice for 1 sample(s).
Terry Bradshaw, gave advice for 2 sample(s).
Trish Hanson, gave advice for 4 sample(s).
Vern Grunbiger, gave advice for 5 sample(s).

The following is the Sample Submission Breakdown for the laboratory.

For there are 2 sample(s) pending, 2 sample(s) preliminary, 312 sample(s) completed, 0 sample(s) archived.

The following Personnel provided checked-in samples for the laboratory from 01-Jan-2016 through 31-Dec-2016.

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 65 sample(s).
GabriellaMaia, processed 118 sample(s).
Lisa Chouinard, processed 133 sample(s).

The following Personnel provided Client responses by writing up samples for the laboratory from 01-Jan-2016 through 31-Dec-2016.

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 1 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

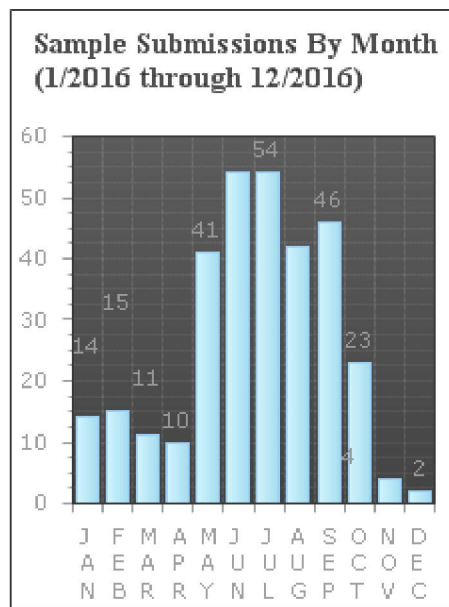
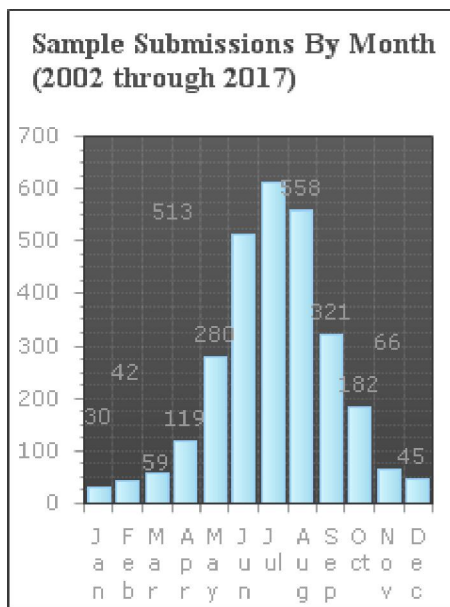
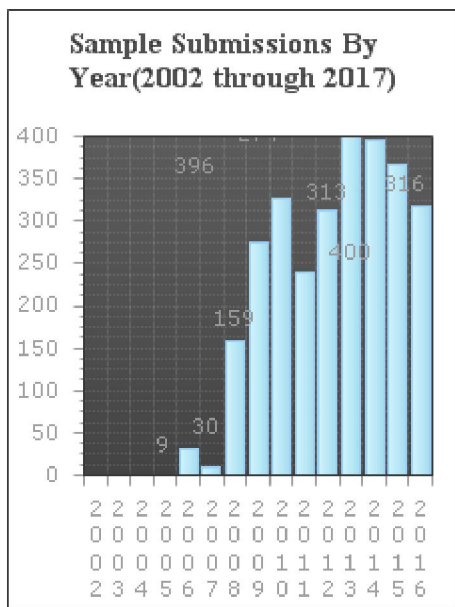


Table 2. Number of Sample Submissions by Client Type from 01-Jan-2016 through 31-Dec-2016 .

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	127	50.40
Homeowner/Home Gardener	62	24.60
Arborist	21	8.33
Left Blank	15	5.95
Nursery	9	3.57
Tree Farm	6	2.38
Researcher/Specialist	4	1.59
Individual	3	1.19
Landscaper	2	0.79
Museum (Collection)	1	0.40
Left Blank	1	0.40
Company/Firm	1	0.40
Total	252	100%

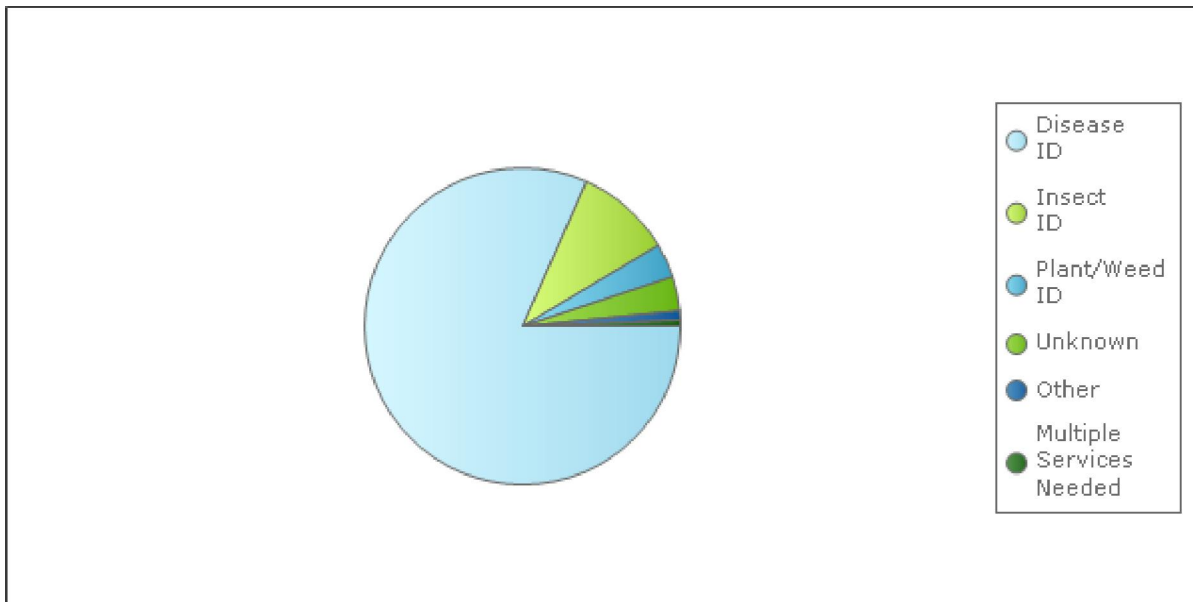
Table 3. Samples originated from the following states and counties from 01-Jan-2016 through 31-Dec-2016.

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	316
-99	STATE TOTAL	1
-99	Unknown	1
NH	STATE TOTAL	1
NH	Unknown	1
NY	Washington	1
NY	STATE TOTAL	1
VT	Orange	7
VT	Lamoille	14
VT	Bennington	7
VT	Rutland	30
VT	Addison	29
VT	Orleans	13
VT	Franklin	9
VT	Windsor	14
VT	Grand Isle	8
VT	STATE TOTAL	313
VT	Caledonia	10
VT	Washington	22
VT	Chittenden	136
VT	Windham	14

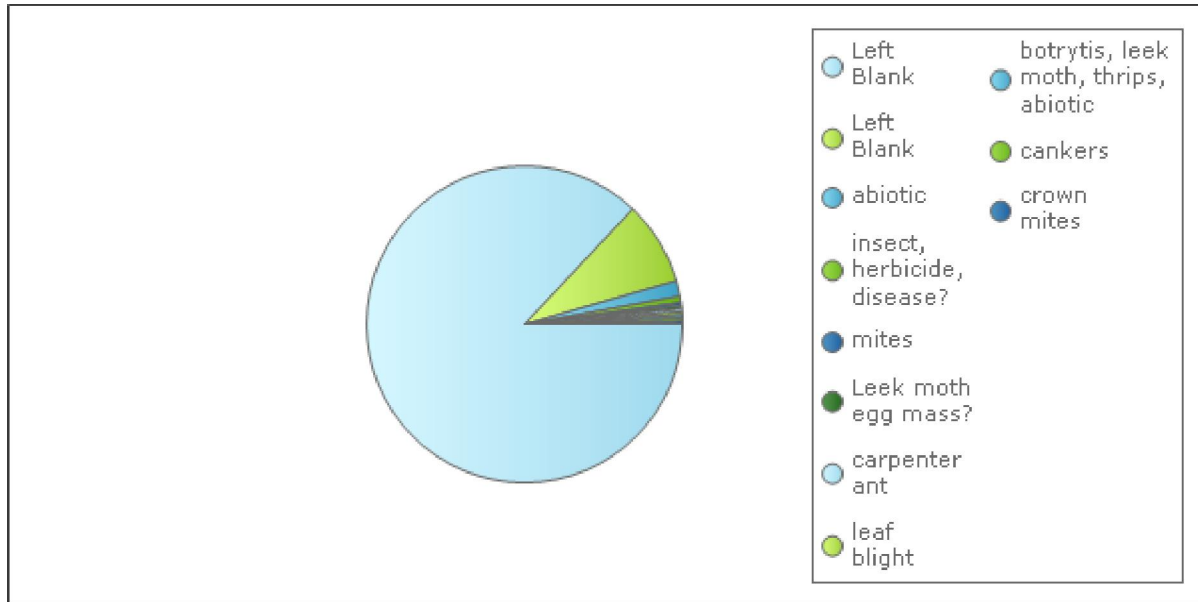
Table 4. Number of Sample Submissions by Diagnosis Needed from 01-Jan-2016 through 31-Dec-2016.

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	258	81.65
Insect ID	31	9.81
Plant/Weed ID	11	3.48
Unknown	11	3.48
Other	3	0.95
Multiple Services Needed	2	0.63
Total	316	100%

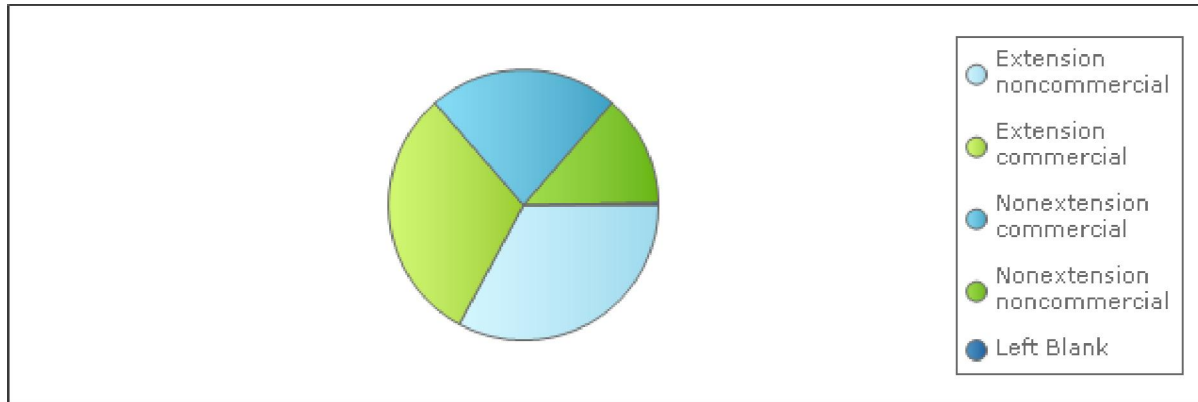
Table 5. Number of Sample Submissions by Suspected Problem from 01-Jan-2016 through 31-Dec-2016 .
This section reports suspected problem for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Suspected Problem	Number of Samples	%
Left Blank	275	87.03
Left Blank	27	8.54
abiotic	5	1.58
insect, herbicide, disease?	2	0.63
mites	1	0.32
Leek moth egg mass?	1	0.32
carpenter ant	1	0.32
leaf blight	1	0.32
botrytis, leek moth, thrips, abiotic	1	0.32
cankers	1	0.32
crown mites	1	0.32
Total	316	100%

Table 6. Number of Sample Submissions by Sample Source from 01-Jan-2016 through 31-Dec-2016.

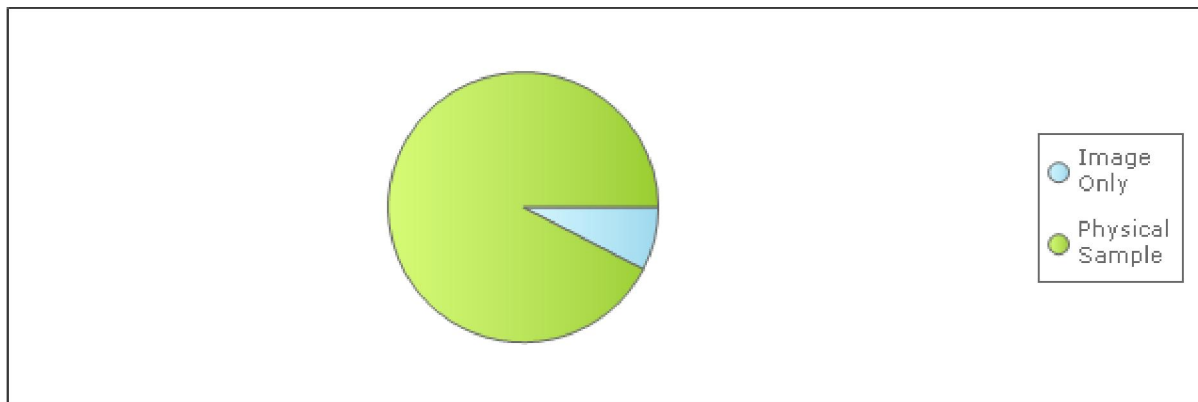
This section reports sample source for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Sample Source	Number of Samples	%
Extension noncommercial	104	32.91
Extension commercial	97	30.70
Nonextension commercial	72	22.78
Nonextension noncommercial	42	13.29
Left Blank	1	0.32
Total	316	100%

Table 7. Number of Sample Submissions by Type of Sample from 01-Jan-2016 through 31-Dec-2016.

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	24	7.59
Physical Sample	292	92.41
Total	316	100%

Table 8. Number of Sample Submissions by Sample Category from 01-Jan-2016 through 31-Dec-2016.

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	130	41.14
Woody ornamental -Deciduous	44	13.92
Woody ornamental - Evergreen	31	9.81
Fruit	27	8.54
Perennial	17	5.38
Small Fruit	16	5.06
InsectID	14	4.43
Annual	11	3.48
Turf	5	1.58
Multiple hosts	4	1.27
Other\$Plant I.D.	2	0.63
Field crops	2	0.63
Other\$weed id	2	0.63
Other\$Herb	2	0.63
Other\$Moss/weed	1	0.32
Left Blank	1	0.32
Other\$House Plant	1	0.32
Other\$	1	0.32
Christmas trees	1	0.32
Other\$Compost	1	0.32
Other\$Compost Analysis	1	0.32
Forage	1	0.32
Other\$Unidentified Object	1	0.32
Total	316	100%

Table 9. Number of Sample Submissions by Sample Material Submitted from 01-Jan-2016 through 31-Dec-2016.

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
Entire plant	71
Leaves/needles	162
Branches/twigs	62
Bulbs	7
Adult Insect	7
Email	23
Fruit/seed	10
Stems	99
Bark	4
Tubers	6
Trunk section	5
Photos	20
Soil	9
Immature insect	1
Other	5
Worm	1
Pupa	1
Roots	12

Table 10. Number of Sample Submissions and Diagnosis/ID by Host/Habitat from 01-Jan-2016 through 31-Dec-2016.

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
Acorn Squash (<i>Cucurbita pepo</i>) (Host,Diagnosis/ID) (1,2)				
Botrytis fruit rot (<i>Botrytis</i> sp./spp.)	1	0	0	0
Fusarium dry rot; Bulb rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Allium; Onions; leeks; garlic (<i>Allium</i> sp./spp.) (Host,Diagnosis/ID) (4,5)				
Bacterial soft rot (Unidentified Bacterium)	1	0	0	0
Black mold (<i>Aspergillus niger</i>)	1	0	0	0
Fusarium dry rot; Bulb rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Slippery skin (<i>Burkholderia gladioli</i>)	1	0	0	0
Unknown (General)	1	0	0	0
American (linden) basswood (<i>Tilia americana</i>) (Host,Diagnosis/ID) (1,2)				
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Verticillium wilt (<i>Verticillium</i> sp./spp.)	1	0	0	0
Anemone (<i>Anemone</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Leaf /Stem/Twig Blight; Rot; Gray Mold (<i>Botrytis cinerea</i>)	1	0	0	0
Arborvitae (<i>Thuja</i> sp./spp.) (Host,Diagnosis/ID) (4,7)				
Arborvitae Needle Blight (<i>Phyllosticta thujae</i>)	1	0	0	0
Pestalotia Dieback (<i>Pestalotia</i> sp./spp.)	1	0	0	0
Pestalotiopsis dieback (<i>Pestalotiopsis funerea</i>)	1	0	0	0
Pestalotiopsis needle blight; Tip blight (<i>Pestalotiopsis</i> sp./spp.)	2	0	0	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Unspecified pathology (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Ash (<i>Fraxinus</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Eriophyid gall mite (<i>Aceria</i> sp./spp.)	1	0	0	0
Asian Greens - Hill House () (Host,Diagnosis/ID) (1,2)				
No Pathogen Found (Identification Analysis)	1	0	0	0
Unknown Abiotic Disorder (Abiotic disorder)	1	0	0	0
Asparagus (ornamental) (<i>Asparagus</i> sp./spp.) (Host,Diagnosis/ID) (1,1)				
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Austrian Pine (<i>Pinus nigra</i>) (Host,Diagnosis/ID) (1,1)				
Diplodia tip blight; Canker (<i>Diplodia sapinea</i>)	1	0	0	0
Autumn-winter Squash (<i>Cucurbita maxima</i>) (Host,Diagnosis/ID) (1,2)				
Crown and stem rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Rhizoctonia crown and stem rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Azalea; Rhododendron (<i>Rhododendron</i> sp./spp.) (Host,Diagnosis/ID) (2,5)				
Indumentum and Tomentum ()	2	0	0	0
Lace Bug (<i>Stephanitis</i> sp./spp.)	0	0	1	0

Normal plant growth (Identification Analysis)	2	0	0	0
Balsam Fir (<i>Abies balsamea</i>) (Host,Diagnosis/ID) (7,15)				
Balsam Twig Aphid (<i>Mindarus pinicola</i> (<i>abietinus</i>))	3	0	0	0
Eriophyid mites (Family Eriophyidae)	1	0	0	0
Isthmiella needle blight (<i>Isthmiella</i> sp./spp.)	1	0	0	0
Lichens (Lichenes)	1	0	0	0
Lophodermium leaf spot; Needle cast (<i>Lophodermium</i> sp./spp.)	1	0	0	0
Needle cast (<i>Lirula nervata</i>)	1	0	0	0
Root problem (Unknown Cause)	0	0	1	0
Sooty Mold (<i>Capnodium</i> sp./spp.)	1	0	0	0
Spruce Spider Mite (<i>Oligonychus ununguis</i>)	0	0	1	0
Tip Blight (<i>Diplodia</i> sp./spp.)	3	0	0	0
Winter injury (Abiotic disorder)	0	0	1	0
Barberry (<i>Berberis</i> sp./spp.) (Host,Diagnosis/ID) (2,3)				
Insect damage (Unidentified Insect)	1	0	0	0
Skeletonizer Insect Damage (unidentified Insect) ()	2	0	0	0
Bean (<i>Phaseolus</i> sp./spp.) (Host,Diagnosis/ID) (7,11)				
Ascochyta blight (<i>Ascochyta</i> sp./spp.)	1	0	0	0
Bacterial leaf blight (<i>Pseudomonas</i> sp./spp.)	2	0	0	0
Bacterial leaf spot (<i>Pseudomonas</i> sp./spp.)	1	0	0	0
Bacterial Leaf Spot (Unidentified Bacteria)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Rhizoctonia root; Crown rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Squirrel damage (Abiotic disorder)	0	0	1	0
Twospotted spider mite (<i>Tetranychus urticae</i>)	1	0	0	0
Unidentified insect (Unidentified Insect)	1	0	0	0
Wind damage (Abiotic disorder)	0	0	1	0
Beans; Peas; dolichos (<i>Dolichos</i> sp./spp.) (Host,Diagnosis/ID) (1,4)				
Ascochyta leaf spot (<i>Ascochyta</i> sp./spp.)	1	0	0	0
Bean anthracnose (<i>Colletotrichum lindemuthianum</i>)	1	0	0	0
Bean root rot (<i>Fusarium solani</i> f.sp. <i>phaseoli</i>)	1	0	0	0
Rhizoctonia damping off (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Beets () (Host,Diagnosis/ID) (1,2)				
Leaf spot (Abiotic disorder)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Bells Of ireland (<i>Moluccella laevis</i>) (Host,Diagnosis/ID) (1,1)				
Cercospora leaf spot (<i>Cercospora</i> sp./spp.)	1	0	0	0
Blue Spruce (<i>Picea pungens</i>) (Host,Diagnosis/ID) (1,5)				
Rhizosphaera Needle Cast (<i>Rhizosphaera</i> sp./spp.)	1	0	0	0
Sooty Mold (Unidentified Fungus)	1	0	0	0
Sudden Needle Drop: Spruce Needle Drop (<i>Setomelanomma holmii</i>)	1	0	0	0
Unspecified Pathology (<i>Stigmina</i> sp./spp.)	1	0	0	0

	1	0	0	0
Blueberry (<i>Vaccinium sp./spp.</i>) (Host,Diagnosis/ID) (6,9)				
Brown rot; Blossom blight; Fruit rot (<i>Monilinia sp./spp.</i>)	1	0	0	0
Dieback; Canker; Twig blight (<i>Botryosphaeria sp./spp.</i>)	2	0	0	0
Fir-blueberry rust; Witches' broom (<i>Pucciniastrum (Calyptospora) goeppertianum</i>)	1	0	0	0
Godronia Canker (<i>Godronia cassandrae</i>)	1	0	0	0
Hail damage (Abiotic disorder)	0	0	1	0
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Twig blight (<i>Fusicoccum sp./spp.</i>)	1	0	0	0
Broccoli (<i>Brassica oleracea var. botrytis</i>) (Host,Diagnosis/ID) (2,2)				
Boron deficiency (Abiotic disorder)	1	0	0	0
Swede midge (<i>Contarinia nasturtii</i>)	1	0	0	0
Brussels-sprouts (<i>Brassica oleracea var. gemmifera</i>) (Host,Diagnosis/ID) (2,2)				
Alternaria head rot (<i>Alternaria sp./spp.</i>)	1	0	0	0
Crucifer bacterial black rot (<i>Xanthomonas campestris</i>)	1	0	0	0
Butternut (<i>Juglans cinerea</i>) (Host,Diagnosis/ID) (1,1)				
Phomopsis Gall (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Cabbage (<i>Brassica oleracea var. capitata</i>) (Host,Diagnosis/ID) (1,2)				
Crucifer Bacterial Black Rot (<i>Xanthomonas campestris</i>)	1	0	0	0
Crucifer Gray Leaf Spot (<i>Alternaria brassicae</i>)	1	0	0	0
Cantaloupe; Cantaloupe (<i>Cucumis melo cantalupensis</i>) (Host,Diagnosis/ID) (1,1)				
Gummy stem blight (<i>Didymella sp./spp.</i>)	1	0	0	0
Carrot (<i>Daucus carota sativus</i>) (Host,Diagnosis/ID) (2,4)				
Carrot rust fly (<i>Psila rosae</i>)	0	0	1	0
Early blight; Leaf spot; Blight (<i>Cercospora carotae</i>)	1	0	0	0
Insect damage (Unidentified Insect)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Catalpa (<i>Catalpa sp./spp.</i>) (Host,Diagnosis/ID) (1,2)				
Catalpa Sphinx (<i>Ceratomia catalpae</i>)	0	0	1	0
Verticillium wilt (<i>Verticillium sp./spp.</i>)	0	0	1	0
Cedar (<i>Cedrus sp./spp.</i>) (Host,Diagnosis/ID) (1,1)				
Cedar-apple Rust (<i>Gymnosporangium juniperi-virginianae</i>)	1	0	0	0
Celeriac (<i>Apium graveolens var. rapaceum</i>) (Host,Diagnosis/ID) (1,1)				
Boron Deficiency (Abiotic disorder)	1	0	0	0
Celery (<i>Apium graveolens dulce</i>) (Host,Diagnosis/ID) (1,1)				
Leaf curl (<i>Colletotrichum acutatum</i>)	1	0	0	0
Cherry (<i>Prunus sp./spp.</i>) (Host,Diagnosis/ID) (2,3)				
Branch canker and dieback (Unidentified Agent)	0	0	1	0
Leaf scorch (Abiotic disorder)	1	0	0	0

No pathogen found (Identification Analysis)	1	0	0	0
Cockscomb; Celosia (Celosia sp./spp.) (Host,Diagnosis/ID) (1,1)				
Rhizoctonia Root; Crown Rot (Rhizoctonia sp./spp.)	1	0	0	0
Cole Crops (Brassica sp./spp.) (Host,Diagnosis/ID) (2,5)				
Crucifer clubroot (Plasmodiophora brassicae)	1	0	0	0
Insect damage (Unidentified Insect)	1	0	0	0
Insufficient Light (Abiotic disorder)	0	0	1	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Unknown Abiotic Disorder (Abiotic disorder)	1	0	0	0
Coleus (Coleus blumei) (Host,Diagnosis/ID) (1,1)				
Downy Mildew (Peronospora sp./spp.)	1	0	0	0
Collards (Brassica oleracea var. acephala) (Host,Diagnosis/ID) (1,1)				
Imported cabbageworm (Pieris rapae)	0	0	1	0
Common Apple (Malus sylvestris) (Host,Diagnosis/ID) (1,1)				
Armillaria root rot; Butt rot (Armillaria sp./spp.)	1	0	0	0
Compost Pile (habitat) (Host,Diagnosis/ID) (2,2)				
Abnormal plant growth (Abiotic disorder)	1	0	0	0
Rhizoctonia damping off (Rhizoctonia sp./spp.)	1	0	0	0
Coneflower (Echinacea sp./spp.) (Host,Diagnosis/ID) (1,1)				
Eriophyid mites (Family Eriophyidae)	1	0	0	0
Corn (Zea mays) (Host,Diagnosis/ID) (1,2)				
Angular leaf spot (Cercospora sp./spp.)	1	0	0	0
Corn eyespot (Kabatiella zeae)	1	0	0	0
Crabapple (Malus sp./spp.) (Host,Diagnosis/ID) (8,13)				
Additional Sample Requested (Identification Analysis)	1	0	0	0
Apple black rot (Diplodia seriata)	1	0	0	0
Apple scab (Venturia (Spilocaea) inaequalis (pomi))	1	0	0	0
Cedar-apple Rust (Gymnosporangium juniperi-virginianae)	0	0	1	0
Dieback; Canker (Nectria sp./spp.)	2	0	0	0
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
Fire blight (Erwinia amylovora)	2	0	0	0
Fusarium canker (Fusarium sp./spp.)	1	0	0	0
Lichens (Lichenes)	1	0	0	0
Praying Mantis (Hierodula patellifera) egg sac ()	1	0	0	0
Cucumber (Cucumis sativus) (Host,Diagnosis/ID) (3,4)				
Cucumber beetle (Acalymma sp./spp.)	1	0	0	0
Cucurbit downy mildew (Pseudoperonospora cubensis)	1	0	0	0
Leaf Spot (Abiotic disorder)	1	0	0	0
Powdery Mildew (Podosphaera sp./spp.)	1	0	0	0
Cucumis Melons (Cucumis sp./spp.) (Host,Diagnosis/ID) (2,2)				
Leaf scorch (Abiotic disorder)	1	0	0	0
Stem rot (Unidentified Agent)	1	0	0	0

Uneven Irrigation (Abiotic disorder)	0	0	1	0
Currant (Ribes sp./spp.) (Host,Diagnosis/ID) (1,2)				
Ribes anthracnose (Drepanopeziza (Pseudopeziza) ribis)	1	0	0	0
White pine blister rust (Cronartium ribicola)	1	0	0	0
Currant; Gooseberry (Ribes sp./spp.) (Host,Diagnosis/ID) (1,2)				
Sawfly (Nematus (Pontania) sp./spp.)	0	0	2	0
Dahlia (Dahlia sp./spp.) (Host,Diagnosis/ID) (1,2)				
Insect damage (Unidentified Insect)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Dawn Redwood (Metasequoia glyptostroboides) (Host,Diagnosis/ID) (1,1)				
Winter Injury (Abiotic disorder)	1	0	0	0
Dogwood (Cornus sp./spp.) (Host,Diagnosis/ID) (1,2)				
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
Dogwood anthracnose (Discula destructiva)	1	0	0	0
Domestic Apple (Malus domestica) (Host,Diagnosis/ID) (6,12)				
Apple-and-thorn skeletonizer (Choreutis pariana)	1	0	0	0
Cedar-apple rust (Gymnosporangium juniperi-virginianae)	1	0	0	0
Crown Gall (Agrobacterium tumefaciens)	1	0	0	0
Dieback; Canker (Nectria sp./spp.)	1	0	0	0
Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)	2	0	0	0
Environmental stress; Problem (Abiotic disorder)	1	0	0	0
Fusarium Canker (Fusarium sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Shot-hole Borer (Xyleborus similis)	0	0	1	0
Sooty Mold (Unidentified Fungus)	1	0	0	0
Eastern Redbud (Cercis canadensis) (Host,Diagnosis/ID) (1,1)				
Spider mites (Family Tetranychidae)	1	0	0	0
Eggplant (Solanum melogena) (Host,Diagnosis/ID) (1,2)				
Heat and water stress (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	1	0	0	0
Elm (Ulmus sp./spp.) (Host,Diagnosis/ID) (2,3)				
Dutch elm disease (Ophiostoma sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Nutrient imbalance (Abiotic disorder)	1	0	0	0
Fava (broad) bean (Vicia faba) (Host,Diagnosis/ID) (2,2)				
Leaf blotch; Leaf spot (Cladosporium sp./spp.)	1	0	0	0
Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Fig (ornamental) (Ficus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Root problem (Unknown Cause)	0	0	1	0

Fir (Abies sp./spp.) (Host,Diagnosis/ID) (1,3)				
Balsam Twig Aphid (Mindarus pinicola (abietinus))	1	0	0	0
Rhizosphaera Needle Cast (Rhizosphaera sp./spp.)	1	0	0	0
Swiss Needle Cast (Phaeocryptopus gaeumanni)	1	0	0	0
Forsythia; Golden bells (Forsythia sp./spp.) (Host,Diagnosis/ID) (1,1)				
Phomopsis gall (Phomopsis sp./spp.)	1	0	0	0
Garden Beet (Beta vulgaris) (Host,Diagnosis/ID) (1,1)				
Anthomyiid leafminer (Pegomya sp./spp.)	1	0	0	0
Garlic (Allium sativum) (Host,Diagnosis/ID) (9,17)				
Botrytis bulb and root rot (Botrytis sp./spp.)	1	0	0	0
Bulb mite (Rhizoglyphus sp./spp.)	4	0	0	0
Canker (Alternaria (Embellisia) embellisia (alli))	1	0	0	0
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Fusarium basal rot (Fusarium sp./spp.)	2	0	0	0
Fusarium dry rot; Bulb rot (Fusarium sp./spp.)	4	0	0	0
Leek moth (Acrolepiopsis assectella)	2	0	0	0
No insect found (Identification Analysis)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Gladiolus (Gladiolus hybrids) (Host,Diagnosis/ID) (1,1)				
Gladiolus Thrips (Thrips simplex)	1	0	0	0
Grape (Vitis sp./spp.) (Host,Diagnosis/ID) (1,1)				
Additional sample requested (Identification Analysis)	1	0	0	0
Greenhouse Plants (general) (Host,Diagnosis/ID) (1,3)				
Darkwinged Fungus Gnat (Bradysia sp./spp.)	1	0	0	0
Jumping Spider (Family Salticidae; Araneae)	1	0	0	0
March Flies (Family Bibionidae)	1	0	0	0
Groundcherry (Physalis sp./spp.) (Host,Diagnosis/ID) (1,1)				
Septoria leaf spot (Septoria sp./spp.)	1	0	0	0
Hemp (Cannabis sp.) () (Host,Diagnosis/ID) (1,6)				
Four lined plant bug damage ()	2	0	0	0
Fusarium root rot (Fusarium sp./spp.)	2	0	0	0
Leaf scorch (Abiotic disorder)	2	0	0	0
Hibiscus (Hibiscus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Hibiscus sawfly (Hollyhock) (Atomacera decepta)	1	0	0	0
Hollyhock (Alcea rosea) (Host,Diagnosis/ID) (1,1)				
Mallow rust; Hollyhock rust (Puccinia malvacearum)	1	0	0	0
Home and garden (habita) (Host,Diagnosis/ID) (1,1)				
Cranefly (Tipula sp./spp.)	1	0	0	0
Home and garden (habitat) (Host,Diagnosis/ID) (3,4)				
Common hops (Humulus lupulus)	1	0	0	0
Goosefoot family (Family Chenopodiaceae)	1	0	0	0
Ground Ivy; Creeping Charlie (Glechoma hederacea)	1	0	0	0

	1	0	0	0
Hosta (Hosta sp./spp.) (Host,Diagnosis/ID) (1,2)				
Insect damage (Unidentified Insect)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Household; Domestic dwellings (habitat) (Host,Diagnosis/ID) (1,1)				
Carpenter Ant (Camponotus sp./spp.)	1	0	0	0
Hubbard Squash (Cucurbita maxima hubbard) (Host,Diagnosis/ID) (1,1)				
Cucurbit Bacterial Wilt (Erwinia tracheiphila)	0	0	1	0
Hydrangea (Hydrangea sp./spp.) (Host,Diagnosis/ID) (1,1)				
Hydrangea Leaf-tier (Olethreutes ferriferana)	1	0	0	0
Insect Id request (genera) (Host,Diagnosis/ID) (1,1)				
Drugstore beetle (Stegobium paniceum)	1	0	0	0
Insect Id request (general) (Host,Diagnosis/ID) (2,2)				
Brown Marmorated Stink Bug (Halyomorpha halys)	1	0	0	0
May beetles (Family Scarabaeidae)	1	0	0	0
Jack Pine (Pinus banksiana) (Host,Diagnosis/ID) (1,2)				
Brown spot; Needle blight (Mycosphaerella dearnessii)	1	0	0	0
Mycosphaerella acicola ()	1	0	0	0
Jalapeno Pepper (Capsicum annuum) (Host,Diagnosis/ID) (1,1)				
Bacterial leaf spot (Xanthomonas sp./spp.)	1	0	0	0
Japanese Andromeda (Pieris japonica) (Host,Diagnosis/ID) (1,3)				
Andromeda lace bug (Stephanitis takeyai)	1	0	0	0
Crown rot; Root rot; Stem rot (Phytophthora sp./spp.)	0	0	1	0
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
Japanese Maple (Acer palmatum) (Host,Diagnosis/ID) (1,1)				
Phyllosticta leaf spot (Phyllosticta sp./spp.)	1	0	0	0
Juniper (Juniperus sp./spp.) (Host,Diagnosis/ID) (1,4)				
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
Phomopsis dieback; Tip blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Tip blight (Diplodia sp./spp.)	1	0	0	0
Tip blight (Kabatina sp./spp.)	1	0	0	0
Kale (Brassica oleracea acephala) (Host,Diagnosis/ID) (8,13)				
Additional sample requested (Identification Analysis)	1	0	0	0
Black rot (Xanthomonas campestris)	1	0	0	0
Boron deficiency (Abiotic disorder)	1	0	0	0
Crucifer Bacterial Black Rot (Xanthomonas campestris)	1	0	0	0
No Pathogen Found (Identification Analysis)	4	0	0	0
Swede midge (Contarinia nasturtii)	0	0	1	0
Unknown Abiotic Disorder (Abiotic disorder)	4	0	0	0
Korean Pine (Pinus koraiensis) (Host,Diagnosis/ID) (1,1)				
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Larch (Larix sp./spp.) (Host,Diagnosis/ID) (1,2)				

	1	0	0	0
Woolly larch adelgid (<i>Adelges laricis</i>)	1	0	0	0
Lemon Balm (<i>Melissa officinalis</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Bacterial leaf spot (Unidentified Bacteria)	1	0	0	0
Fourlined plant bug (<i>Poecilocapsus lineatus</i>)	1	0	0	0
Lettuce (<i>Lactuca sativa</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Crown Rot (<i>Botrytis</i> sp./spp.)	1	0	0	0
Downy mildew (Lettuce) (<i>Bremia lactucae</i>)	1	0	0	0
Lilac (<i>Syringa</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
Lilac leafminer (<i>Caloptilia syringella</i>)	1	0	0	0
Powdery mildew (<i>Microsphaera</i> sp./spp.)	1	0	0	0
Magnolia (<i>Magnolia</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,3)				
Lichens (Lichenes)	1	0	0	0
Magnolia Scale (<i>Neolecanium cornuparvum</i>)	1	0	0	0
Sooty Mold (<i>Septobasidium</i> sp./spp.)	1	0	0	0
Maidenhair Fern (<i>Adiantum</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,3)				
Leaf spot (Unidentified Fungus)	0	0	0	1
Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Root problem (Unknown Cause)	0	0	1	0
Maple (<i>Acer</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (10,12)				
Additional sample requested (Identification Analysis)	2	0	0	0
Leaf spot; Tar spot (<i>Rhytisma</i> sp./spp.)	1	0	0	0
Maple bladdergall mite (<i>Vasates quadripedes</i>)	1	0	0	0
Maple leafcutter (<i>Paraclemensia acerifoliella</i>)	1	0	0	0
Phyllosticta leaf spot (<i>Phyllosticta</i> sp./spp.)	0	0	1	0
Squirrel damage (Abiotic disorder)	0	0	1	0
Unknown (General)	1	0	0	0
Verticillium wilt (<i>Verticillium</i> sp./spp.)	1	0	3	0
Melon (<i>Cucumis melo</i>) (<i>Host,Diagnosis/ID</i>) (1,3)				
Fusarium crown and stalk rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Leaf scorch (Abiotic disorder)	1	0	0	0
Rhizoctonia root; Crown rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Melon; Armenian cucumber (<i>Cucumis melo</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Cucumber beetle (<i>Acalymma</i> sp./spp.)	1	0	0	0
Fusarium crown rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Merrill Magnolia (<i>Magnolia loebneri</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Magnolia Scale (<i>Neolecanium cornuparvum</i>)	1	0	0	0
Mixed Ornamentals () (<i>Host,Diagnosis/ID</i>) (1,1)				
Air Pollution (Abiotic disorder)	1	0	0	0
Mixture; Spruce; fir (<i>Picea; abies</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
Spruce needle rust (<i>Chrysomyxa ledicola</i>)	1	0	0	0
Unspecified pathology (<i>Stigmina</i> sp./spp.)	1	0	0	0

banksiana (<i>Host,Diagnosis/ID</i>) (1,2)				
Cerambycid sawyer beetle (<i>Monochamus sp./spp.</i>)	1	0	0	0
Southern pine beetle (<i>Dendroctonus frontalis</i>)	1	0	0	0
Mustards (Family brassicaceae) (<i>Host,Diagnosis/ID</i>) (1,2)				
Downy mildew (<i>Order Peronosporales</i>)	1	0	0	0
Rhizoctonia root; Crown rot (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Narcissus (Narcissus sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
Aphids (<i>Plant Lice</i>) (<i>Family Aphididae</i>)	1	0	0	0
Narcissus Smoulder (<i>Botrytis narcissicola</i>)	1	0	0	0
Norway Spruce (Picea abies) (<i>Host,Diagnosis/ID</i>) (9,19)				
Cooley spruce gall adelgid (<i>Adelges cooleyi</i>)	3	0	0	0
Eastern spruce gall adelgid (<i>Adelges abietis</i>)	2	0	0	0
Freeze; Frost; Cold damage (<i>Abiotic disorder</i>)	2	0	0	0
Norway spruce shoot gall midge (<i>Piceacecis abietiperda</i>)	0	0	1	0
Rhizosphaera needle cast (<i>Rhizosphaera sp./spp.</i>)	1	0	0	0
Spider mites (<i>Family Tetranychidae</i>)	1	0	0	0
Spruce bud scale (<i>Physokermes sp./spp.</i>)	1	0	0	0
Spruce needle rust (<i>Chrysomyxa ledicola</i>)	1	0	0	0
Spruce spider mite (<i>Oligonychus spp.</i>) ()	1	0	0	0
Sudden needle drop: spruce needle drop (<i>Setomelanomma holmii</i>)	5	0	0	0
Unspecified pathology (<i>Stigmina sp./spp.</i>)	1	0	0	0
Oak (Quercus sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,3)				
Additional Sample Requested (<i>Identification Analysis</i>)	1	0	0	0
European gypsy moth (<i>Lymantria dispar dispar</i>)	1	0	0	0
Insect Damage (<i>Unidentified Insect</i>)	0	0	1	0
Onion (Allium cepa) (<i>Host,Diagnosis/ID</i>) (6,8)				
Alternaria leaf spot (<i>Alternaria sp./spp.</i>)	1	0	0	0
Blue mold rot (<i>Penicillium sp./spp.</i>)	1	0	0	0
Fusarium basal rot (<i>Fusarium sp./spp.</i>)	2	0	0	0
No pathogen found (<i>Identification Analysis</i>)	1	0	0	0
Onion Thrips (<i>Thrips tabaci</i>)	1	0	0	0
Thrips damage (<i>Unidentified Thrips</i>)	1	0	0	0
Unknown abiotic disorder (<i>Abiotic disorder</i>)	1	0	0	0
Pachysandra (Pachysandra sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,3)				
Euonymus scale (<i>Unaspis euonymi</i>)	1	0	0	0
Leaf and stem blight (<i>Volutella pachysandrae</i>)	2	0	0	0
Peach (Prunus persica) (<i>Host,Diagnosis/ID</i>) (1,1)				
Winter Injury (<i>Abiotic disorder</i>)	0	0	1	0
Pear (ornamental) (Pyrus sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Pearleaf blister mite (<i>Eriophyes pyri</i>)	1	0	0	0
Pear (Pyrus communis) (<i>Host,Diagnosis/ID</i>) (4,4)				

Crown Gall (<i>Agrobacterium tumefaciens</i>)	2	0	0	0
Pear Scab (<i>Venturia (Fusicladium) pirina (pyrorum)</i>)	1	0	0	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Peony (<i>Paeonia sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (4,6)				
Abnormal plant growth (Abiotic disorder)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Lemoine disease (Unidentified Virus)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Powdery mildew (Unidentified Fungus)	1	0	0	0
Root-knot nematodes (<i>Meloidogyne sp./spp.</i>)	1	0	0	0
Pepper (<i>Capsicum sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (6,7)				
Bacterial leaf spot (<i>Xanthomonas sp./spp.</i>)	0	0	0	0
Broad Mite (<i>Polyphagotarsonemus latus</i>)	0	0	0	0
Insect damage (Unidentified Insect)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Thrips Damage (Unidentified Thrips)	1	0	0	0
Petunias (<i>Petunia sp./spp. hybrids</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Boron Deficiency (Abiotic disorder)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Pine (<i>Pinus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (2,4)				
Black pineleaf scale (<i>Nuculaspis californica</i>)	1	0	0	0
Brown spot; Needle blight (<i>Mycosphaerella dearnessii</i>)	1	0	0	0
Dothistroma needle blight (<i>Dothistroma sp./spp.</i>)	1	0	0	0
Tip blight (<i>Diplodia sp./spp.</i>)	1	0	0	0
Pink Flowering dogwood (<i>Cornus florida rubra</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Leaf scorch (Abiotic disorder)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Potato (seed) (<i>Solanum tuberosum</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Epitrix flea beetle (<i>Epitrix sp./spp.</i>)	1	0	0	0
Potato (<i>Solanum tuberosum</i>) (<i>Host,Diagnosis/ID</i>) (10,16)				
Aerial blight (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Early blight; Leaf spot (<i>Alternaria solani</i>)	4	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Fusarium Rot (<i>Fusarium sp./spp.</i>)	1	0	0	0
Insect damage (Unidentified Insect)	2	0	0	0
leafhopper burn ()	1	0	0	0
leafhopper burn ()	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Potato Blackheart (Abiotic disorder)	1	0	0	0
Potato leafhopper (<i>Empoasca fabae</i>)	1	0	0	0
Potato Leak (<i>Pythium debaryanum</i>)	1	0	0	0

Silver Scurf (<i>Helminthosporium solani</i>)	1	0	0	0
Potted Annuals () (<i>Host,Diagnosis/ID</i>) (1,4)				
Botrytis blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Fusarium crown and stalk rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Nutrient imbalance (Abiotic disorder)	1	0	0	0
Stem rot; Canker and blight (<i>Alternaria</i> sp./spp.)	1	0	0	0
Pumpkin (<i>Cucurbita</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Natural senescence (Abiotic disorder)	1	0	0	0
Raspberry (<i>Rubus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,4)				
Iron 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
Raspberry Cane Borer (<i>Oberea bimaculata</i>)	1	0	0	0
Rhododendron (<i>Rhododendron</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,4)				
Rhododendron whitefly (<i>Dialeurodes chittendeni</i>)	0	0	1	0
Scale insects (Order homoptera)	1	0	0	0
Scorch (Abiotic disorder)	0	0	1	0
Sooty mold (<i>Capnodium</i> sp./spp.)	1	0	0	0
Rhubarb (<i>Rheum rhabarbarum</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Ascochyta leaf spot (<i>Ascochyta</i> sp./spp.)	1	0	0	0
Rose (<i>Rosa</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,3)				
Cynipid gall wasp (<i>Diplolepis</i> sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Wind damage (Abiotic disorder)	0	0	1	0
Rudbeckia (<i>Rudbeckia</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Rudbeckia psyllid (<i>Bactericera antennata</i>)	1	0	0	0
Ryegrass (<i>Lolium</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Leaf rust; Rust (<i>Puccinia</i> sp./spp.)	1	0	0	0
Service-tree; Mountain-ash (<i>Sorbus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
Additional sample requested (Identification Analysis)	1	0	0	0
Wood boring insect damage (Unidentified Wood Boring Insect)	1	0	0	0
Serviceberry (<i>Amelanchier</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Pear Sawfly (<i>Caliroa cerasi</i>)	1	0	0	0
Snap Bean; green bean (<i>Phaseolus vulgaris</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Insect damage (Unidentified Insect)	1	0	0	0
Spinach (<i>Spinacia oleracea</i>) (<i>Host,Diagnosis/ID</i>) (13,19)				
Additional Sample Requested (Identification Analysis)	1	0	0	0
Cladosporium Leaf Spot (<i>Cladosporium</i> sp./spp.)	1	0	0	0
Damping off (<i>Fusarium</i> sp./spp.)	2	0	0	0
Downy Mildew (<i>Peronospora effusa</i>)	3	0	0	0
Downy Mildew (<i>Peronospora farinosa</i>)	2	0	0	0
Downy mildew (<i>Peronospora</i> sp./spp.)	2	0	0	0

	1	0	0	0
Myzus Aphids (Myzus sp./spp.)	2	0	0	0
No insect found (Identification Analysis)	1	0	0	0
Sooty Mold (Capnodium sp./spp.)	1	0	0	0
Spinach Leaf Spot (Davidiella (Cladosporium) variabile)	3	0	0	0
Spruce (Picea sp./spp.) (Host,Diagnosis/ID) (2,7)				
Pine Needle Scale (Chionaspis pinifoliae)	1	0	0	0
Rhizosphaera Needle Cast ()	1	0	0	0
Rhizosphaera Needle Cast (Rhizosphaera sp./spp.)	1	0	0	0
Spider Mites (Family Tetranychidae)	1	0	0	0
Sudden Needle Drop: Spruce Needle Drop (Setomelanomma holmii)	2	0	0	0
Unspecified Pathology (Stigmina sp./spp.)	1	0	0	0
Strawberry (Fragaria sp./spp.) (Host,Diagnosis/ID) (4,8)				
Leaf spot (Pestalotiopsis (Pestalotia) sp./spp.)	1	0	0	0
leafhopper burn ()	1	0	0	0
Mycosphaerella leaf spot (Mycosphaerella sp./spp.)	1	0	0	0
Phomopsis blight (Phomopsis sp./spp.)	1	0	0	0
Rhizoctonia crown and stem rot (Rhizoctonia sp./spp.)	1	0	0	0
Stem canker and rot (Rhizoctonia sp./spp.)	1	0	0	0
Strawberry black root rot complex (Various Fungi)	2	0	0	0
Sugar Maple (Acer saccharum) (Host,Diagnosis/ID) (1,1)				
Wood boring insect damage (Unidentified Wood Boring Insect)	0	0	1	0
Sunflower (Helianthus annuus) (Host,Diagnosis/ID) (1,1)				
Sunflower rust (Puccinia helianthi)	1	0	0	0
Sweet Basil (Ocimum basilicum) (Host,Diagnosis/ID) (2,2)				
Downy mildew (Peronospora belbahrii)	2	0	0	0
Sweetpotato (Ipomoea batatas) (Host,Diagnosis/ID) (1,3)				
Diaporthe Dry Rot (Diaporthe sp./spp.)	1	0	0	0
Fusarium Dry Rot; Bulb Rot (Fusarium sp./spp.)	1	0	0	0
Rhizopus Rot (Rhizopus sp./spp.)	1	0	0	0
Swiss Chard (Beta vulgaris var. cicla) (Host,Diagnosis/ID) (4,6)				
Cercospora Beet Leaf Spot (Cercospora beticola)	1	0	0	0
Cercospora leaf spot (Cercospora sp./spp.)	1	0	0	0
Insect damage (Unidentified Insect)	1	0	0	0
Leaf spot (Abiotic disorder)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Tomato (Lycopersicon esculentum) (Host,Diagnosis/ID) (3,5)				
Blossom end rot (Abiotic disorder)	1	0	0	0
Cold Wet Soils (Abiotic disorder)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Oedema; Edema (Abiotic disorder)	1	0	0	0

	0	0	1	0
Tomato (<i>Lycopersicon sp./spp.</i>) (Host,Diagnosis/ID) (19,28)				
Bacterial Canker (<i>Clavibacter michiganensis michiganensis</i>)	3	0	0	0
Bacterial wilt; Canker; Rot (<i>Clavibacter sp./spp.</i>)	1	0	0	0
Blossom end rot (Abiotic disorder)	1	0	0	0
Botrytis Blight (<i>Botrytis sp./spp.</i>)	2	0	0	0
Broad mite (<i>Polyphagotarsonemus latus</i>)	1	0	0	0
Catface (Abiotic disorder)	1	0	0	0
Corky root rot (<i>Pyrenochaeta lycopersici</i>)	1	0	0	0
Early blight; Leaf spot (<i>Alternaria solani</i>)	1	0	1	0
Freeze; Frost; Cold damage (Abiotic disorder)	0	0	1	0
Fusarium Canker (<i>Fusarium sp./spp.</i>)	1	0	0	0
Fusarium crown and stalk rot (<i>Fusarium sp./spp.</i>)	2	0	0	0
Insufficient sample (Identification Analysis)	1	0	0	0
Leaf mold; Spot (<i>Passalora fulva</i>)	1	0	0	0
Leaf scorch (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	1	0	0	0
Not pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Oedema; Edema (Abiotic disorder)	1	0	0	0
Rhizoctonia Root; Crown Rot (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Septoria leaf spot (<i>Septoria sp./spp.</i>)	1	0	0	0
Tomato growth cracks ()	1	0	0	0
Unknown Bacterial Disease (Unknown Bacterial Disease)	1	0	0	0
Verticillium wilt (<i>Verticillium sp./spp.</i>)	1	0	0	0
Vivipary ()	1	0	0	0
Trumpet Vine (<i>Campsis grandiflora</i>) (Host,Diagnosis/ID) (1,2)				
Insect damage (Unidentified Insect)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Tulips (<i>Tulipa spp</i>) (Host,Diagnosis/ID) (1,2)				
Blue Mold Rot (<i>Penicillium sp./spp.</i>)	1	0	0	0
Bulb Mite (<i>Rhizoglyphus sp./spp.</i>)	1	0	0	0
Turfgrass (<i>Turfgrass mixed species</i>) (Host,Diagnosis/ID) (6,7)				
Asiatic garden beetle (<i>Maladera castanea</i>)	0	0	1	0
European chafer (EC) (<i>Rhizotrogus majalis</i>)	1	0	0	0
Not Pathogen; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Nutrient Imbalance (Abiotic disorder)	1	0	0	0
Red Fescue-creeping Red Fescue (<i>Festuca rubra</i>)	1	0	0	0
Tall Fescue (<i>Festuca arundinacea</i>)	1	0	0	0
Zoysia Grass (<i>Zoysia japonica</i>)	1	0	0	0
Turnip (<i>Brassica rapa</i>) (Host,Diagnosis/ID) (2,2)				
Carrot rust fly (<i>Psila rosae</i>)	2	0	0	0
Unknown insect () (Host,Diagnosis/ID) (1,2)				

	1	0	0	0
No Insect Found (Identification Analysis)	1	0	0	0
Unknown insect on houseplant () (<i>Host,Diagnosis/ID</i>) (1,2)				
Leafhopper (Unidentified) ()	2	0	0	0
Unknown Weeds; unknown plants (Mixed species) (<i>Host,Diagnosis/ID</i>) (8,12)				
Cornus alba (elegantissima) ()	1	0	0	0
(Zanthoxylum americanum)	1	0	0	0
Anoecia aphids (Anoecia sp./spp.)	1	0	0	0
Common barberry (European) (Berberis vulgaris)	1	0	0	0
Common hops (Humulus lupulus)	1	0	0	0
Eastern cottonwood (Populus deltoides)	1	0	0	0
Mossy Stonecrop (Sedum acre)	1	0	0	0
Mouseear Chickweed (Cerastium fontanum vulgata)	1	0	0	0
Red Sorrel (Rumex acetosella)	1	0	0	0
Seed; Plant mis-identification (Identification Analysis)	1	0	0	0
Star-of-bethlehem (Ornithogalum umbellatum)	1	0	0	0
Stickeywilly; Catchweed Bedstraw (Galium aparine)	1	0	0	0
Unknown; No site specified (No site specified) (<i>Host,Diagnosis/ID</i>) (1,1)				
Spindletree Ermine Moth (Yponomeuta cagnagellus)	1	0	0	0
Vegetables (Mixed species) (<i>Host,Diagnosis/ID</i>) (2,4)				
Abnormal Plant Growth (Abiotic disorder)	1	0	0	0
Alternaria leaf blight and spot (Alternaria dauci)	1	0	0	0
Insect damage (Unidentified Insect)	1	0	0	0
Leafhopper (Eupteryx melissa)	0	0	1	0
Walnut (Juglans sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
No pathogen found (Identification Analysis)	1	0	0	0
Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
watermelon () (<i>Host,Diagnosis/ID</i>) (1,1)				
Plectosporium blight (Monographella (Plectosporium) sp./spp.)	1	0	0	0
Willow (Salix sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,3)				
Armillaria Root Rot; Butt Rot (Armillaria sp./spp.)	1	0	0	0
Butt Rot (Botryosphaeria sp./spp.)	1	0	0	0
Cytospora Canker; Dieback (Cytospora sp./spp.)	1	0	0	0
Witchhazel (Hamamelis sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Leaf scorch (Abiotic disorder)	1	0	0	0
Zucchini Squash (Cucurbita pepo melopepo) (<i>Host,Diagnosis/ID</i>) (1,1)				
Abnormal Plant Growth (Abiotic disorder)	1	0	0	0