

PLANT DIAGNOSTIC CLINIC 2013



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

Following report contains a summary of the samples submitted to the Plant Diagnostic Clinic from 01-Jan-2013 through 12/31/2013. A total of 400 sample(s) have been processed during this time period.

The following diagnosticians were involved in processing samples for the laboratory from 01-Jan-2013 through 31-Dec-2013.

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.

Ann Hazelrigg, processed 323 sample(s).
Lisa Chouinard, processed 2 sample(s).
Sarah Kingsley-Richards, processed 2 sample(s).
GabriellaMaia, processed 220 sample(s).
Margaret Skinner, processed 1 sample(s).

The following Advisory Consultants provided advice for the laboratory from 01-Jan-2013 through 31-Dec-2013.

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.

Brenda Kennedy, gave advice for 1 sample(s).
Bruce Moltzan, gave advice for 1 sample(s).
David Barrington, gave advice for 5 sample(s).
Glen Stanosz, gave advice for 1 sample(s).
Margaret Skinner, gave advice for 7 sample(s).
Mark Starrett, gave advice for 2 sample(s).
Michael Sundue, gave advice for 1 sample(s).
Sid Bosworth, gave advice for 9 sample(s).

The following is the Sample Submission Breakdown for the laboratory.

For there are **0** sample(s) pending, sample(s) preliminary, **159** sample(s) completed, **241** sample(s) archived.

The following Personnel provided checked-in samples for the laboratory from 01-Jan-2013 through 31-Dec-2013.

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 122 sample(s).
GabriellaMaia, processed 158 sample(s).
Lisa Chouinard, processed 119 sample(s).
Sarah Kingsley-Richards, processed 1 sample(s).

The following Personnel provided Client responses by writing up samples for the laboratory from 01-Jan-2013 through 31-Dec-2013.

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 6 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

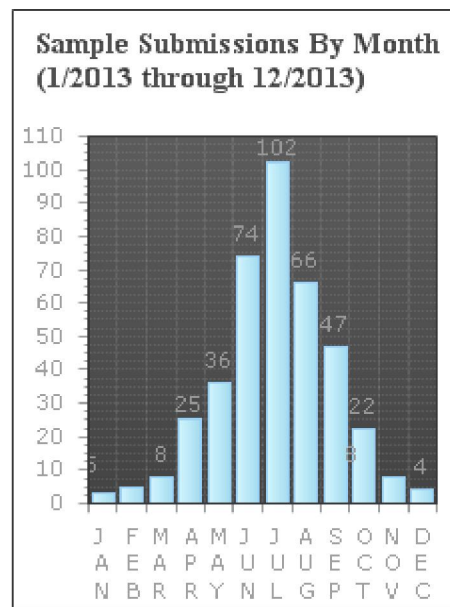
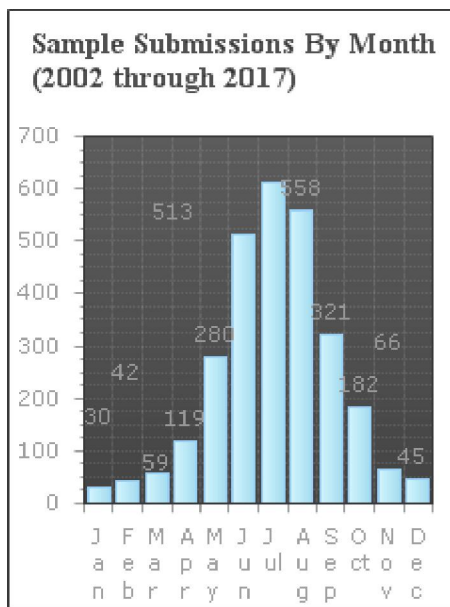
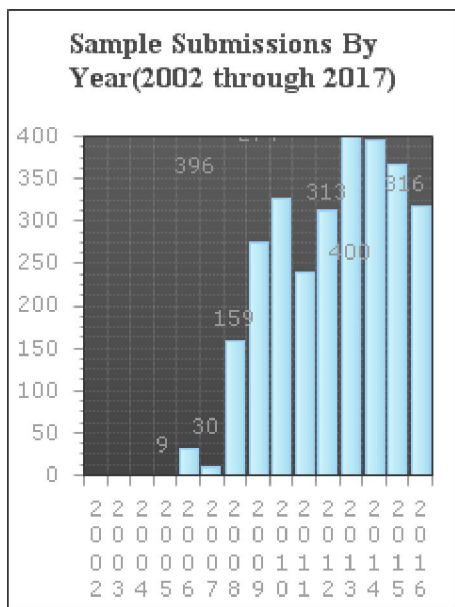


Table 2. Number of Sample Submissions by Client Type from 01-Jan-2013 through 31-Dec-2013 .

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	120	42.86
Homeowner/Home Gardener	41	14.64
Researcher/Specialist	34	12.14
Left Blank	26	9.29
Landscaper	14	5.00
Individual	9	3.21
Arborist	8	2.86
Agent/Educator	7	2.50
Nursery	7	2.50
Greenhouse/Hydroponic	6	2.14
Forester	3	1.07
Garden center	2	0.71
Company/Firm	1	0.36
Florist	1	0.36
Park/School/Church grounds Keeper	1	0.36
Total	280	100%

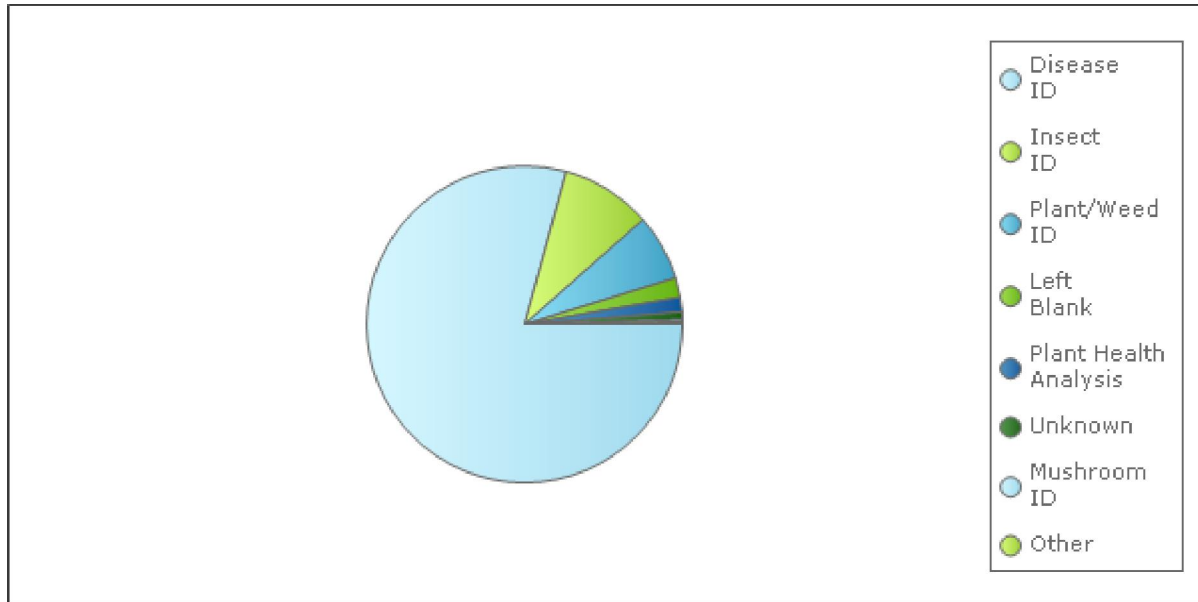
Table 3. Samples originated from the following states and counties from 01-Jan-2013 through 31-Dec-2013.

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	400
-99	STATE TOTAL	1
-99	Unknown	1
IL	STATE TOTAL	2
IL	Kankakee	2
NY	STATE TOTAL	1
NY	Washington	1
VT	Lamoille	19
VT	STATE TOTAL	396
VT	Orange	8
VT	Bennington	10
VT	Rutland	28
VT	Addison	40
VT	Orleans	10
VT	Franklin	14
VT	Windham	23
VT	Grand Isle	6
VT	Windsor	20
VT	Caledonia	11
VT	Unknown	3
VT	Chittenden	169
VT	Washington	35

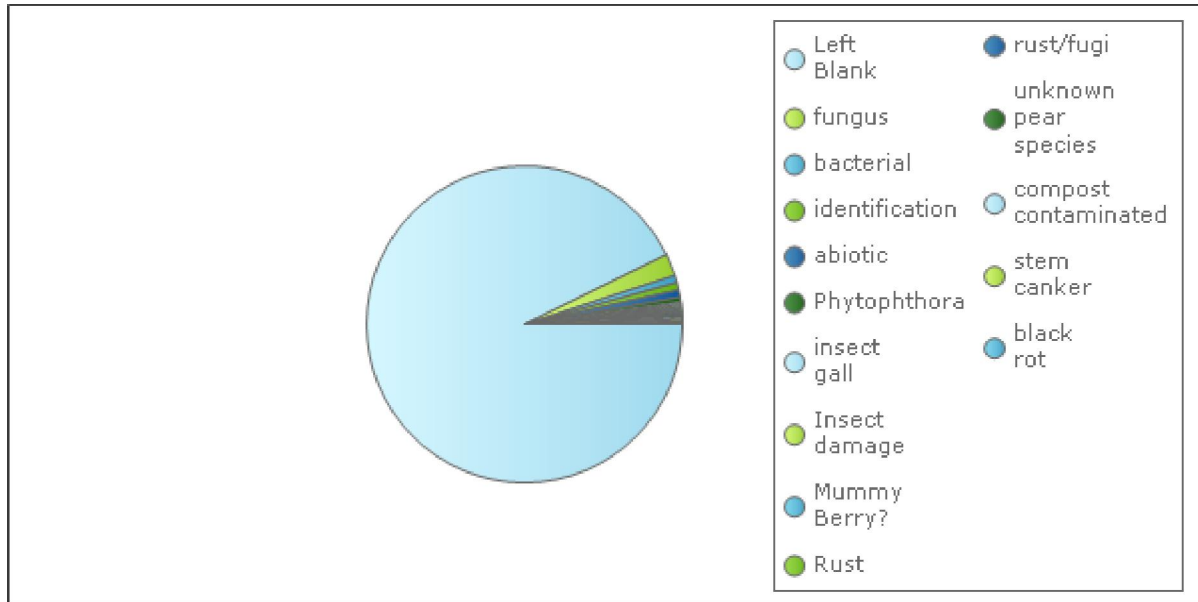
Table 4. Number of Sample Submissions by Diagnosis Needed from 01-Jan-2013 through 31-Dec-2013.

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	317	79.25
Insect ID	37	9.25
Plant/Weed ID	27	6.75
Left Blank	8	2.00
Plant Health Analysis	6	1.50
Unknown	3	0.75
Mushroom ID	1	0.25
Other	1	0.25
Total	400	100%

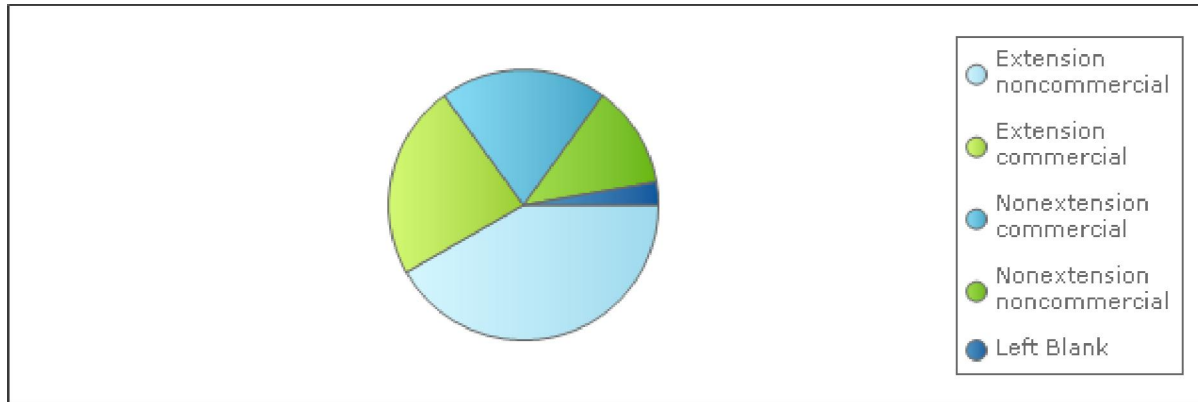
Table 5. Number of Sample Submissions by Suspected Problem from 01-Jan-2013 through 31-Dec-2013 .
This section reports suspected problem for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Suspected Problem	Number of Samples	%
Left Blank	371	92.75
fungus	9	2.25
bacterial	3	0.75
identification	3	0.75
abiotic	3	0.75
Phytophthora	2	0.50
insect gall	1	0.25
Insect damage	1	0.25
Mummy Berry?	1	0.25
Rust	1	0.25
rust/fuji	1	0.25
unknown pear species	1	0.25
compost contaminated	1	0.25
stem canker	1	0.25
black rot	1	0.25
Total	400	100%

Table 6. Number of Sample Submissions by Sample Source from 01-Jan-2013 through 31-Dec-2013.

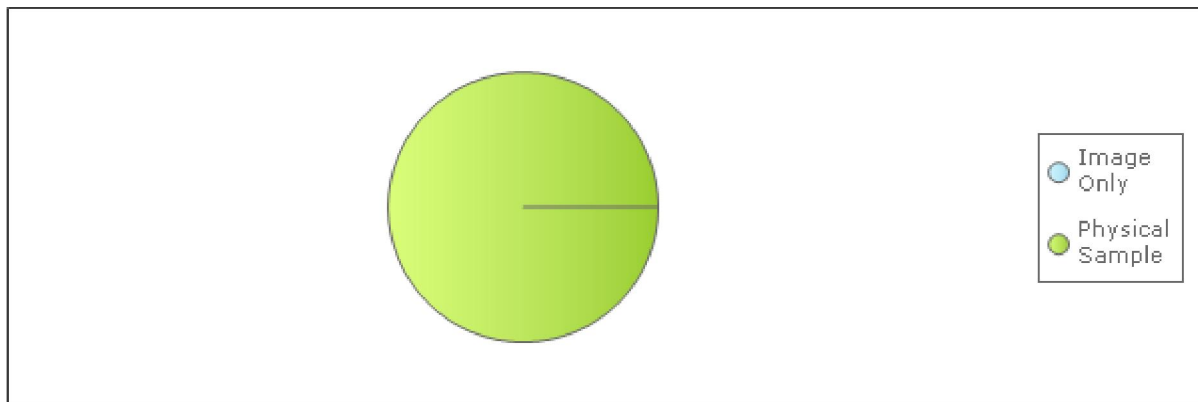
This section reports sample source for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Sample Source	Number of Samples	%
Extension noncommercial	167	41.75
Extension commercial	93	23.25
Nonextension commercial	80	20.00
Nonextension noncommercial	49	12.25
Left Blank	11	2.75
Total	400	100%

Table 7. Number of Sample Submissions by Type of Sample from 01-Jan-2013 through 31-Dec-2013.

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	0	0
Physical Sample	400	100.00
Total	400	100%

Table 8. Number of Sample Submissions by Sample Category from 01-Jan-2013 through 31-Dec-2013.

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	126	31.50
Small Fruit	46	11.50
Woody ornamental -Deciduous	42	10.50
Woody ornamental - Evergreen	33	8.25
Annual	32	8.00
InsectID	31	7.75
Perennial	26	6.50
Fruit	25	6.25
Left Blank	10	2.50
Turf	8	2.00
Other\$unknown plant id	4	1.00
Field crops	3	0.75
Other\$weed id	2	0.50
Other\$weed	2	0.50
Other\$fungus	2	0.50
Other\$unknown weed	1	0.25
Palm	1	0.25
Other\$	1	0.25
Forested area	1	0.25
Other\$Herb	1	0.25
Small Grains - wheat,oats,barley	1	0.25
Mushroom/mold	1	0.25
Other\$plant id	1	0.25
Total	400	100%

Table 9. Number of Sample Submissions by Sample Material Submitted from 01-Jan-2013 through 31-Dec-2013.

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	36
Leaves/needles	85
Roots	9
Bulbs	5
Fruit/seed	15
Tubers	3
Adult Insect	3
Branches/twigs	25
Stems	37
Cutting	10
Soil	8
Other	1

Table 10. Number of Sample Submissions and Diagnosis/ID by Host/Habitat from 01-Jan-2013 through 31-Dec-2013.

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
Alfalfa (Medicago sativa) (Host,Diagnosis/ID) (1,1)				
Phytophthora Crown: Root and/or Stem Rot (Phytophthora sp./spp.)	0	0	1	0
Allium; Onions; leeks; garlic (Allium sp./spp.) (Host,Diagnosis/ID) (2,3)				
Bulb Mite (Rhizoglyphus sp./spp.)	1	0	0	0
Fusarium Basal Rot (Fusarium sp./spp.)	1	0	0	0
Leek Moth (Acrolepiopsis assectella)	1	0	0	0
American Plum (Prunus americana) (Host,Diagnosis/ID) (1,1)				
Brown Rot ; Blossom Blight; Fruit Rot (Monilinia sp./spp.)	1	0	0	0
Anglojap Yew (Taxus x media) (Host,Diagnosis/ID) (1,1)				
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
apple () (Host,Diagnosis/ID) (1,1)				
Frogeye Leaf Spot; Black Rot (Botryosphaeria obtusa)	1	0	0	0
Arborvitae (Thuja sp./spp.) (Host,Diagnosis/ID) (3,7)				
Arborvitae Leafminer (Argyresthia thuiella)	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
Root Damage (Abiotic disorder)	0	0	0	0
Sooty Mold (Unidentified Fungus)	1	0	0	0
Tip Blight (Kabatina sp./spp.)	1	0	0	0
Asparagus (Asparagus officinalis) (Host,Diagnosis/ID) (1,1)				
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	0	0
Asparagus (ornamental) (Asparagus sp./spp.) (Host,Diagnosis/ID) (2,5)				
Asparagus Beetle (Crioceris asparagi)	0	1	0	0
Black Mold (Alternaria sp./spp.)	1	0	0	0
Cercospora Blight (Cercospora asparagi)	1	0	0	0
Spotted Asparagus Beetle (Crioceris duodecimpunctata)	0	1	0	0
Stemphylium Leaf Spot (Stemphylium sp./spp.)	1	0	0	0
Autumn Joy stonecrop (Sedum telephium 'autumn joy') (Host,Diagnosis/ID) (1,1)				
Septoria Leaf Spot (Septoria sp./spp.)	1	0	0	0
Autumn-winter Squash (Cucurbita maxima) (Host,Diagnosis/ID) (1,1)				
Cucumber Scab; Gummosis (Cladosporium cucumerinum)	1	0	0	0
Azalea; Rhododendron (Rhododendron sp./spp.) (Host,Diagnosis/ID) (3,3)				
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
negative for Sudden Oak Death ()	1	0	0	0

Root Problems (Abiotic disorder)	0	0	1	0
Balsam Fir (<i>Abies balsamea</i>) (<i>Host,Diagnosis/ID</i>) (3,4)				
Fusarium Root; Crown Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Phytophthora Crown: Root and/or Stem Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Rhizosphaera Needle Cast (<i>Rhizosphaera pini</i>)	1	0	0	0
Swiss Needle Cast (<i>Phaeocryptopus gaeumanni</i>)	1	0	0	0
Bar Harbor creeping juniper (<i>Juniperus horizontalis bar harbor</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Basil () (<i>Host,Diagnosis/ID</i>) (1,1)				
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Beach Plum (<i>Prunus maritima</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Insect damage on leaves ()	1	0	0	0
Japanese Beetle (<i>Popillia japonica</i>)	0	0	1	0
Beans; Peas; dolichos (<i>Dolichos</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Drought Stress Damage (Abiotic disorder)	0	0	1	0
Birch (<i>Betula</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,3)				
Anthracnose (<i>Discula betulina</i>)	1	0	0	0
Frog-eye Leaf Spot; Black Rot (<i>Botryosphaeria obtusa</i>)	1	0	0	0
Marssonina Leaf Spot (<i>Marssonina betulae</i>)	1	0	0	0
Black Chokeberry (<i>Aronia melanocarpa</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Fire Blight (<i>Erwinia amylovora</i>)	1	0	0	0
Black Raspberry (<i>Rubus occidentalis</i>) (<i>Host,Diagnosis/ID</i>) (1,4)				
<i>Cosmia trapezina</i> ()	1	0	0	0
Ribes Anthracnose (<i>Drepanopeziza (Pseudopeziza) ribis</i>)	1	0	0	0
Septoria Leaf and Cane Spot (<i>Mycosphaerella (ana. Septoria) rubi</i>)	1	0	0	0
Spur Blight (<i>Phoma</i> sp./spp.)	1	0	0	0
Blackberry (<i>Rubus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Spotted Wing Drosophila (<i>Drosophila suzukii</i>)	1	0	0	0
Blue Spruce (<i>Picea pungens</i>) (<i>Host,Diagnosis/ID</i>) (6,10)				
Brown Felt Blight (<i>Herpotrichia juniperi</i>)	1	0	0	0
Cinara Giant Conifer Aphids (<i>Cinara</i> sp./spp.)	1	0	0	0
Conifer Spider Mite (<i>Oligonychus coniferarum</i>)	1	0	0	0
Rhizosphaera Needle Cast (<i>Rhizosphaera kalkhoffii</i>)	1	0	0	0
Rhizosphaera Needle Cast (<i>Rhizosphaera</i> sp./spp.)	1	0	0	0
Sirococcus Shoot/Tip Blight; Blight (<i>Sirococcus strobilinus</i>)	1	0	0	0
Spruce Bud Scale (<i>Physokermes piceae</i>)	1	0	0	0
Spruce Needle Drop (<i>Setomelanomma holmii</i>)	1	0	0	0
Stigmata Needle Blight (<i>Stigmata lautii</i>)	2	0	0	0
Blueberry (<i>Vaccinium</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (11,18)				
Blueberry Leaf Spot (<i>Diaporthe (Phomopsis) vaccinii</i>)	1	0	0	0
Botrytis Fruit Rot (<i>Botrytis</i> sp./spp.)	1	0	0	0

Canker: Dieback; Leaf Blight (<i>Fusicoccum</i> sp./spp.)	1	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>Calyptospora</i>) <i>goeppertianum</i>)	3	0	0	0
Iron Deficiency (Abiotic disorder)	0	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Nutritional Analysis (Abiotic disorder)	0	0	0	0
Phomopsis Canker and Twig Blight (<i>Diaporthe</i> (<i>Phomopsis</i>) <i>vaccinii</i>)	2	0	1	0
Root issues (unidentified agent) ()	0	0	1	0
Septoria Leaf Spot (<i>Septoria</i> sp./spp.)	1	0	0	0
Spotted Wing Drosophila (<i>Drosophila</i> <i>suzukii</i>)	1	0	0	0
Unspecified Pathology (<i>Alternaria</i> sp./spp.)	1	0	0	0
Unspecified Pathology (<i>Cladosporium</i> sp./spp.)	1	0	0	0
Broccoli (<i>Brassica oleracea</i> var. <i>botrytis</i>) (<i>Host,Diagnosis/ID</i>) (3,3)				
Alternaria Leaf Blight (<i>Alternaria</i> sp./spp.)	1	0	0	0
Crucifer Fusarium Yellow (Fusarium oxysporum f.sp. conglutinans)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	0	0
Brussels-sprouts (<i>Brassica oleracea</i> var. <i>gemmifera</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Black Spot (<i>Alternaria brassicae</i>)	1	0	0	0
Cabbage (<i>Brassica oleracea</i> var. <i>capitata</i>) (<i>Host,Diagnosis/ID</i>) (2,4)				
Alternaria Leaf Blight (<i>Alternaria</i> sp./spp.)	1	0	0	0
Bacterial Leaf Spot (<i>Xanthomonas campestris campestris</i>)	1	0	0	0
Cladosporium Leaf Spot (<i>Cladosporium</i> sp./spp.)	1	0	0	0
Head Rot (<i>Thanatephorus</i> (<i>Rhizoctonia</i>) <i>cucumeris</i> (<i>solani</i>))	1	0	0	0
Canaan Fir (<i>Abies balsamea phanerolepsis</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Phytophthora Crown: Root and/or Stem Rot (<i>Phytophthora</i> sp./spp.)	1	0	0	0
Cantaloupe; Cantaloupe (<i>Cucumis melo cantalupensis</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Fusarium Fruit Rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Carrot (<i>Daucus carota sativus</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Insufficient Sample (Identification Analysis)	0	0	0	0
Celeriac (<i>Apium graveolens</i> var. <i>rapaceum</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Early Blight (<i>Cercospora apii</i>)	1	0	0	0
Fusarium Yellow of Celery (<i>Fusarium oxysporum</i> f.sp. <i>apii</i>)	1	0	0	0
Cherry (<i>Prunus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (4,4)				
Black Knot (<i>Apiosporina</i> (<i>Dibotryon</i>) <i>morbosa</i> (<i>morbosum</i>))	1	0	0	0
Brown Rot; Blossom and Twig Blight (<i>Monilinia fructicola</i>)	1	0	0	0
Cercospora Leaf Spot (<i>Cercospora</i> sp./spp.)	1	0	0	0
Leaf Spot; Shothole (<i>Blumeriella</i> (<i>Coccomyces</i>) sp./spp.)	1	0	0	0
Cherry Plum (<i>Prunus cerasifera</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Cercospora Leaf Spot (<i>Cercospora</i> sp./spp.)	1	0	0	0
Insect Damage (Unidentified Insect)	1	0	0	0

Chestnut (<i>Castanea sp./spp.</i>) (Host,Diagnosis/ID) (1,2)				
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Powdery Mildew (<i>Erysiphe (Uncinula) flexuosa</i>)	1	0	0	0
Chestnut Oak (<i>Quercus prinus</i>) (Host,Diagnosis/ID) (1,2)				
Cecidomyiid (<i>Polystepha sp./spp.</i>)	1	0	0	0
Oak Apple Galls (Family Cynipidae)	1	0	0	0
Cockscomb; Celosia (<i>Celosia sp./spp.</i>) (Host,Diagnosis/ID) (1,1)				
Rhizoctonia Stem and Root Rot (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Cole Crops (<i>Brassica sp./spp.</i>) (Host,Diagnosis/ID) (2,2)				
Rhizoctonia Root; Crown Rot (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Swede Midge (<i>Contarinia nasturtii</i>)	1	0	0	0
Common Juniper (<i>Juniperus communis</i>) (Host,Diagnosis/ID) (1,1)				
Physiological Leaf Drop (Abiotic disorder)	0	0	1	0
Common Lilac (<i>Syringa vulgaris</i>) (Host,Diagnosis/ID) (2,3)				
Lilac Leaf Miner (<i>Gracillaria syringella</i>)	1	0	0	0
Powdery Mildew (<i>Microsphaera sp./spp.</i>)	1	0	0	0
Root Problems (Abiotic disorder)	0	0	1	0
Common Persimmon (<i>Diospyros virginiana</i>) (Host,Diagnosis/ID) (1,1)				
Powderpost Beetle (Family Anobiidae)	0	0	1	0
Common Wheat (<i>Triticum aestivum</i>) (Host,Diagnosis/ID) (1,4)				
Anthraxnose; Colletotrichum Leaf Spot (<i>Colletotrichum sp./spp.</i>)	1	0	0	0
Ascochyta Leaf Spot (<i>Ascochyta sp./spp.</i>)	1	0	0	0
European Corn Borer (<i>Ostrinia nubilalis</i>)	1	0	0	0
Leaf Rust; rust (<i>Puccinia sp./spp.</i>)	1	0	0	0
Contorted filbert (<i>Corylus avellana 'contorta'</i>) (Host,Diagnosis/ID) (1,1)				
European Red Mite (<i>Panonychus ulmi</i>)	1	0	0	0
Cotoneaster (<i>Cotoneaster sp./spp.</i>) (Host,Diagnosis/ID) (1,1)				
Root Problems ()	0	0	1	0
Crabapple (<i>Malus sp./spp.</i>) (Host,Diagnosis/ID) (2,5)				
Bitter Rot (<i>Colletotrichum sp./spp.</i>)	1	0	0	0
Cedar-apple Rust (<i>Gymnosporangium juniperi-virginianae</i>)	1	0	0	0
Cedar-Hawthorn Rust (<i>Gymnosporangium globosum</i>)	1	0	0	0
Frogeye Leaf Spot; Black Rot (<i>Botryosphaeria obtusa</i>)	2	0	0	0
Cucumber (<i>Cucumis sativus</i>) (Host,Diagnosis/ID) (5,7)				
Anthraxnose (<i>Colletotrichum orbiculare</i>)	1	0	0	0
Cucurbit Bacterial Wilt (<i>Erwinia tracheiphila</i>)	0	0	1	0
Fusarium Crown Rot (<i>Fusarium sp./spp.</i>)	1	0	0	0
Gummy Stem Blight (<i>Didymella sp./spp.</i>)	1	0	0	0
Normal leaf coloration ()	1	0	0	0
Potassium Deficiency (Abiotic disorder)	0	0	0	0
Scorch (Abiotic disorder)	1	0	0	0
curcurbita spp. () (Host,Diagnosis/ID) (1,2)				

	0	0	1	0
Water Damage (Abiotic disorder)	0	0	0	0
Currant (Ribes sp./spp.) (Host,Diagnosis/ID) (1,1)				
Currant Leaf Spot (Mycosphaerella ribis)	1	0	0	0
Currant; Gooseberry (Ribes sp./spp.) (Host,Diagnosis/ID) (1,1)				
Botrytis Fruit Rot (Botrytis sp./spp.)	0	0	1	0
Dahlia (Dahlia sp./spp.) (Host,Diagnosis/ID) (1,1)				
Fusarium Basal Rot (Fusarium sp./spp.)	0	0	1	0
Domestic Apple (Malus domestica) (Host,Diagnosis/ID) (7,9)				
Apple Pith Moth (Blastodacna atra)	2	0	0	0
Cedar-apple Rust (Gymnosporangium juniperi-virginianae)	2	0	0	0
Dieback; Canker (Nectria sp./spp.)	1	0	0	0
Dieback; Canker; Twig Blight (Botryosphaeria sp./spp.)	1	0	0	0
Frogeye Leaf Spot; Black Rot (Botryosphaeria obtusa)	1	0	0	0
Refer'd to Private Testing Lab (Identification Analysis)	0	0	0	0
Sooty Mold (Capnodium sp./spp.)	1	0	0	0
Dracaena (Dracaena sp./spp.) (Host,Diagnosis/ID) (1,1)				
Fluoride Toxicity (Abiotic disorder)	0	0	1	0
Eastern White pine (Pinus strobus) (Host,Diagnosis/ID) (1,1)				
Dothistroma Needle Blight (Mycosphaerella (Dothistroma) pini)	1	0	0	0
Eggplant (Solanum melogena) (Host,Diagnosis/ID) (1,1)				
Abnormal Plant Growth (Abiotic disorder)	1	0	0	0
Euonymus (Euonymus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Euonymus Scale (Unaspis euonymi)	1	0	0	0
Flame Nettle (painted leaves) (Coleus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Food; Food products (Food; food products) (Host,Diagnosis/ID) (1,1)				
Drugstore Beetle (Stegobium paniceum)	1	0	0	0
Fox Grape (Vitis labrusca) (Host,Diagnosis/ID) (1,1)				
Grape Flea Beetle (Altica chalybea)	1	0	0	0
Fraser Fir (Abies fraseri) (Host,Diagnosis/ID) (3,3)				
Armillaria Root Rot (Armillaria (Armillariella) sp./spp.)	1	0	0	0
Phytophthora Root and Crown Rot (Phytophthora cinnamomi)	1	0	0	0
Rhizosphaera Needle Cast (Rhizosphaera pini)	1	0	0	0
Fungus Id request (general) (Host,Diagnosis/ID) (1,1)				
Slime Mold (Class Myxomycetes; Myxomycota)	1	0	0	0
Garden Beet (Beta vulgaris) (Host,Diagnosis/ID) (3,6)				
Cercospora Beet Leaf Spot (Cercospora beticola)	1	0	0	0
Crown Rot (Rhizoctonia sp./spp.)	1	0	0	0
Fusarium Root Rot (Fusarium sp./spp.)	1	0	0	0
Potato Common Scab (Streptomyces scabies)	1	0	0	0
Rhizoctonia Crown and Stem Rot (Rhizoctonia sp./spp.)	1	0	0	0

	1	0	0	0
Garlic (<i>Allium sativum</i>) (<i>Host,Diagnosis/ID</i>) (11,17)				
Anthracnose Basal Rot; Crown Rot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Blue Mold Rot (<i>Penicillium</i> sp./spp.)	1	0	0	0
Botrytis Bulb and Root Rot (<i>Botrytis</i> sp./spp.)	2	0	0	0
Bulb Mite (<i>Rhizoglyphus</i> sp./spp.)	3	0	0	0
Fusarium Basal Rot (<i>Fusarium oxysporum</i> f.sp. cepae)	2	0	0	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
Garlic Mosaic (Undetermined Virus Complex)	0	0	1	0
Mold mite (<i>Tyrophagus</i> sp./spp.)	1	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Stem and Bulb Nematode (<i>Ditylenchus dipsaci</i>)	0	0	1	0
White Rot (<i>Stromatinia (Sclerotium) cepivora (cepivorum)</i>)	2	0	0	0
Geranium ('cultivated') (<i>Pelargonium</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Oedema; Edema (Abiotic disorder)	1	0	0	0
Gladiolus (<i>Gladiolus</i> hybrids) (<i>Host,Diagnosis/ID</i>) (1,1)				
Gladiolus Thrips (<i>Thrips simplex</i>)	1	0	0	0
Gooseberry (<i>Ribes</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Septoria Leaf Spot (<i>Septoria</i> sp./spp.)	1	0	0	0
Gourd (<i>Cucurbita</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
Leaf Spot (Abiotic disorder)	1	0	0	0
normal leaf coloration ()	1	0	0	0
Grain Sorghum (<i>Sorghum vulgare</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Northern Corn Leaf Spot (<i>Cochliobolus (Bipolaris) carbonum (zeicola)</i>)	1	0	0	0
Grape (<i>Vitis</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (6,10)				
Alternaria Leaf Spot (<i>Alternaria</i> sp./spp.)	1	0	0	0
Black Rot (<i>Guignardia (Phyllosticta) bidwellii (ampelicida)</i>)	1	0	0	0
Botrytis Fruit Rot (<i>Botrytis</i> sp./spp.)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	0	0
Grape Anthracnose; Birds-eye Rot (<i>Elsinoe (Sphaceloma) ampelina (ampelinum)</i>)	2	0	0	0
Grape False Black Rot (<i>Guignardia baccae</i>)	0	0	1	0
Leaf /Stem/Twig Blight; Rot; Gray Mold (<i>Botryotinia (Botrytis) fuckeliana (cinerea)</i>)	1	0	0	0
Phomopsis Cane; Leaf Spot; Excoriosis (<i>Phomopsis viticola</i>)	1	0	0	0
Phomopsis Fruit Rot (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Hemlock (<i>Tsuga</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
Excessive Water (Abiotic disorder)	0	0	1	0
Root Problems (Abiotic disorder)	0	0	1	0
Heuchera (<i>Heuchera</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
<i>Nasonovia heucherae</i> ()	1	0	0	0

Holly (Ilex sp./spp.) (Host,Diagnosis/ID) (1,4)				
No insects/pathogens present ()	0	2	0	0
Wax (Unidentified Agent) ()	0	0	2	0
Home and garden (habitat) (Host,Diagnosis/ID) (12,12)				
Baldfaced Hornet (Dolichovespula maculata)	1	0	0	0
Bed Bug (Cimex lectularius)	1	0	0	0
Black Carpenter Ant (Camponotus pennsylvanicus)	1	0	0	0
Confused Flour Beetle (Tribolium confusum)	1	0	0	0
Dark Mealworm (Tenebrio obscurus)	1	0	0	0
European Chafer (EC) (Rhizotrogus majalis)	1	0	0	0
Larder Beetle (Dermestes lardarius)	2	0	0	0
Oriental Beetle (Anomala (Exomala) orientalis)	1	0	0	0
Photinus Firefly Beetles (Photinus sp./spp.)	1	0	0	0
Western Conifer Seed Bug (Leptoglossus occidentalis)	1	0	0	0
Yellow Mealworm (Tenebrio molitor)	1	0	0	0
Honeysuckle (Lonicera sp./spp.) (Host,Diagnosis/ID) (1,4)				
Black Elderberry (Sambucus nigra)	2	0	0	0
Cornus sericea ()	1	0	0	0
Panicled Dogwood (Cornus racemosa)	1	0	0	0
Hops (Humulus lupulus) (Host,Diagnosis/ID) (4,4)				
Hop Downy Mildew (Pseudoperonospora humuli)	2	0	0	0
Phytotoxicity (Abiotic disorder)	0	0	1	0
Unknown Abiotic Disorder (Abiotic disorder)	0	0	0	0
Hosta (Hosta sp./spp.) (Host,Diagnosis/ID) (2,2)				
Anthraxnose; Colletotrichum Leaf Spot (Colletotrichum sp./spp.)	1	0	0	0
Southern Blight (Sclerotium rolfsii)	1	0	0	0
Human clothing (Human clothing) (Host,Diagnosis/ID) (1,1)				
Carpet Beetles (Family Dermestidae)	1	0	0	0
Hydrangea (Hydrangea sp./spp.) (Host,Diagnosis/ID) (1,1)				
Anthraxnose; Colletotrichum Leaf Spot (Colletotrichum sp./spp.)	1	0	0	0
Impatiens (Impatiens sp./spp.) (Host,Diagnosis/ID) (3,3)				
Root Rot (Unidentified Agent)	0	0	2	0
slime mold ()	1	0	0	0
Insect Id request (general) (Host,Diagnosis/ID) (5,5)				
Cornfield Ant (Lasius alienus)	1	0	0	0
no specified insect detected ()	1	0	0	0
Spotted Wing Drosophila (Drosophila suzukii)	1	0	0	0
Weevil (Otiorynchus sp./spp.)	1	0	0	0
White Grub; A (June Beetle) (Phyllophaga crinita)	1	0	0	0
Japanese Tree lilac (Syringa reticulata) (Host,Diagnosis/ID) (1,1)				
Leaf Spot (Pseudocercospora sp./spp.)	1	0	0	0
Kale (Brassica oleracea acephala) (Host,Diagnosis/ID) (6,6)				

	0	0	0	1
Black Rot (<i>Xanthomonas campestris</i>)	1	0	0	0
Black Spot (<i>Alternaria brassicae</i>)	1	0	0	0
Crucifer Bacterial Black Rot (<i>Xanthomonas campestris</i>)	1	0	0	0
Downy Mildew (<i>Peronospora</i> sp./spp.)	0	0	1	0
Insect Damage (Unidentified Insect)	0	0	1	0
kitchen counter () (<i>Host,Diagnosis/ID</i>) (1,1)				
Drugstore Beetle (<i>Stegobium paniceum</i>)	0	0	1	0
Larch (Larix sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
Phomopsis Tip Blight; Needle Blight (<i>Phomopsis juniperovora</i>)	1	0	0	0
Root Problems (Abiotic disorder)	0	0	1	0
Leek (Allium porrum) (<i>Host,Diagnosis/ID</i>) (1,1)				
Botrytis Blight (<i>Botrytis</i> sp./spp.)	1	0	0	0
Lemon Balm (Melissa officinalis) (<i>Host,Diagnosis/ID</i>) (1,1)				
Unknown Abiotic Disorder (Abiotic disorder)	0	0	0	0
Lilac (Syringa sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,2)				
Scorch (Abiotic disorder)	1	0	0	0
something lower on plant ()	0	0	1	0
Limber Pine (Pinus flexilis) (<i>Host,Diagnosis/ID</i>) (1,1)				
Insect Damage (Unidentified Insect)	1	0	0	0
Lumber (habitat) (<i>Host,Diagnosis/ID</i>) (2,2)				
Bostrichid Beetles (Family Bostrichidae)	1	0	0	0
Tanbark Borer (<i>Phymatodes testaceus</i>)	1	0	0	0
Maple (Acer sp./spp.) (<i>Host,Diagnosis/ID</i>) (3,6)				
Black Knot (<i>Apiosporina (Dibotryon) morbosa (morbosum)</i>)	1	0	0	0
Insect Damage (Unidentified Insect)	1	0	0	0
Iron Deficiency (Abiotic disorder)	1	0	0	0
Maple Anthracnose (<i>Gloeosporium apocryptum</i>)	1	0	0	0
Maple Canker (<i>Stegonsporium</i> sp./spp.)	1	0	0	0
Phomopsis Blight (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Marigold (Tagetes sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Slime Mold (Class Myxomycetes; Myxomycota)	1	0	0	0
May Hawthorne (Crataegus aestivalis) (<i>Host,Diagnosis/ID</i>) (1,1)				
Cedar-Hawthorn Rust (<i>Gymnosporangium globosum</i>)	1	0	0	0
Meadow Fescue (Festuca elatior) (<i>Host,Diagnosis/ID</i>) (1,3)				
Brown Patch (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Leafspot Crown and Root Rot; (<i>Bipolaris sorokiniana</i>)	1	0	0	0
Leptosphaerulina Leaf Spot; Blight (<i>Leptosphaerulina trifolii (briosoaana)</i>)	1	0	0	0
Melon (Cucumis melo) (<i>Host,Diagnosis/ID</i>) (1,1)				
Nutrient Imbalance (Abiotic disorder)	0	0	1	0
Million Bells (Calibrachoa sp./spp.) (<i>Host,Diagnosis/ID</i>) (1,1)				
Oedema; Edema (Abiotic disorder)	1	0	0	0

Unknown Abiotic Disorder (Abiotic disorder)	0	0	0	0
miscanthus () (<i>Host,Diagnosis/ID</i>) (1,1)				
Anthracnose (<i>Colletotrichum graminicola</i>)	1	0	0	0
Mixed Bedding Plants () (<i>Host,Diagnosis/ID</i>) (1,2)				
Cold Wet Soils (Abiotic disorder)	0	0	0	0
Low pH; Nutrient Imbalance (Abiotic disorder)	0	0	0	0
Mountain Laurel (<i>Kalmia latifolia</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Root Problems (Abiotic disorder)	0	0	1	0
Nasturtium (<i>Tropaeolum sp./spp. hybrids</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Abnormal Plant Growth (Abiotic disorder)	1	0	0	0
North star cherry () (<i>Host,Diagnosis/ID</i>) (1,1)				
Plum Curculio (<i>Conotrachelus nenuphar</i>)	1	0	0	0
Norway Spruce (<i>Picea abies</i>) (<i>Host,Diagnosis/ID</i>) (3,5)				
Cinara Giant Conifer Aphids (<i>Cinara sp./spp.</i>)	1	0	0	0
Needle cast (Unidentified Agent)	0	0	0	1
Rhizosphaera Needle Cast (<i>Rhizosphaera pini</i>)	1	0	0	0
Spruce Needle Drop (<i>Setomelanomma holmii</i>)	1	0	0	0
Spruce Spider Mite (<i>Oligonychus ununguis</i>)	0	0	1	0
Onion (<i>Allium cepa</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Leek Moth (<i>Acrolepiopsis assectella</i>)	1	0	0	0
Slime Mold (Class <i>Myxomycetes</i> ; <i>Myxomycota</i>)	1	0	0	0
Orchardgrass (<i>Dactylis glomerata</i>) (<i>Host,Diagnosis/ID</i>) (1,3)				
Anthracnose Leaf Blight (<i>Glomerella (Colletotrichum) graminicola</i>)	1	0	0	0
Brown Patch (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Leptosphaerulina Leaf Spot; Blight (<i>Leptosphaerulina trifolii (briosoaana)</i>)	1	0	0	0
Osteospermum (<i>Osteospermum sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Rhizoctonia Damping Off (<i>Rhizoctonia sp./spp.</i>)	1	0	0	0
Pansy (<i>Viola wittrockiana</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Iron Toxicity (Abiotic disorder)	1	0	0	0
Paper Birch (<i>Betula papyrifera</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Insect Damage (Unidentified Insect)	1	0	0	0
Parsley (<i>Petroselinium crispum</i>) (<i>Host,Diagnosis/ID</i>) (2,2)				
Abnormal Plant Growth (Abiotic disorder)	0	0	1	0
Septoria Leaf Spot (<i>Septoria petroselini</i>)	1	0	0	0
Peach (<i>Prunus persica</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Leaf Spot (Unknown cause)	0	0	0	1
Pear (ornamental) (<i>Pyrus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (3,8)				
Cedar-apple Rust (<i>Gymnosporangium juniperi-virginianae</i>)	2	0	0	0
Pear Bud Drop (Unknown Agent)	0	0	0	1
Scorch (Abiotic disorder)	1	0	0	0
Skeletonizing insect ()	2	0	0	0

	0	0	0	1
Winter Injury (Abiotic disorder)	0	0	1	0
Pear (<i>Pyrus communis</i>) (<i>Host,Diagnosis/ID</i>) (2,3)				
Bitter Rot (Glomerella (Colletotrichum) cingulata (gloeosporioides))	1	0	0	0
Fire Blight (Erwinia amylovora)	0	0	1	0
Pear Scab (Venturia (Fusicladium) pirina (pyrorum))	1	0	0	0
Peegee Hydrangea (<i>Hydrangea paniculata grandiflora</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
basal canker ()	0	0	1	0
Peony (<i>Paeonia sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (4,7)				
Alternaria Leaf Spot (Alternaria sp./spp.)	1	0	0	0
Blight (Botrytis paeoniae)	1	0	0	0
Cladosporium Leaf Spot (Cladosporium sp./spp.)	1	0	0	0
Climbing Cutworms (Family Noctuidae)	1	0	1	0
Leaf Blotch; Leaf Spot (Cladosporium sp./spp.)	1	0	0	0
Leaf Spot (Abiotic disorder)	0	0	0	0
Physocarpus (<i>Physocarpus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Powdery Mildew (Podosphaera sp./spp.)	1	0	0	0
Pine (<i>Pinus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,2)				
Brown Spot ; Needle Blight (Mycosphaerella dearnessii)	1	0	0	0
Phomopsis Blight (Phomopsis sp./spp.)	1	0	0	0
Pinks (<i>Dianthus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Insect Damage (Unidentified Insect)	0	0	1	0
Planetree (sycamore) (<i>Platanus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Plum (<i>Prunus sp./spp.</i>) (<i>Host,Diagnosis/ID</i>) (3,5)				
Cercospora Leaf Spot (Cercospora sp./spp.)	1	0	0	0
Coryneum Blight (Shot Hole) (Wilsonomyces (Stigmina) carpophilus (carpophila))	1	0	0	0
Insect Damage (Unidentified Insect)	2	0	0	0
Mycosphaerella Leaf Spot (Mycosphaerella (ana Passalora) cerasella (ana circumscissa))	1	0	0	0
Poinsettia (<i>Euphorbia pulcherrima</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Leaf Spot (Abiotic disorder)	0	0	1	0
potato () (<i>Host,Diagnosis/ID</i>) (1,1)				
Late Blight (Phytophthora infestans)	1	0	0	0
Potato (seed) (<i>Solanum tuberosum</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Potato Black Leg (Erwinia (Pectobacterium) carotovora atroseptica)	1	0	0	0
Potato (<i>Solanum tuberosum</i>) (<i>Host,Diagnosis/ID</i>) (11,21)				
Abnormal Plant Growth (Abiotic disorder)	0	0	0	0
Alternaria Leaf Blight (Alternaria sp./spp.)	1	0	0	0
Alternaria Leaf Spot (Alternaria sp./spp.)	1	0	0	0
Cladosporium Leaf Spot (Cladosporium sp./spp.)	1	0	0	0

Early Blight; Leaf Spot (<i>Alternaria solani</i>)	4	0	0	0
Epitrix Flea Beetle (<i>Epitrix</i> sp./spp.)	1	0	0	0
Excessive Water (Abiotic disorder)	0	0	0	0
Genetic Disorders (Abiotic disorder)	0	0	1	0
Late Blight (<i>Phytophthora infestans</i>)	1	0	0	0
Phoma Leaf Spot (<i>Phoma</i> sp./spp.)	1	0	0	0
Potato Canker and Black Scurf (<i>Thanatephorus</i> (<i>Rhizoctonia</i>) <i>cucumeris</i> (<i>solani</i>))	1	0	0	0
Potato Flea Beetle (<i>Epitrix cucumeris</i>)	1	0	0	0
Potato Leafhopper (<i>Empoasca fabae</i>)	3	0	0	0
<i>Rhizoctonia</i> Root; Crown Rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Slug Damage (Unidentified Slug)	1	0	0	0
White Grub; A (June Beetle) (<i>Phyllophaga crinita</i>)	0	0	1	0
Pumpkin (<i>Cucurbita</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (2,2)				
Microdochium Blight (<i>Monographella</i> (ana <i>Plectosporium</i>) <i>cucumerina</i> (ana <i>tabacinum</i>))	1	0	0	0
Unknown Abiotic Disorder (Abiotic disorder)	1	0	0	0
pyrus () (<i>Host,Diagnosis/ID</i>) (1,2)				
Pear Scab (<i>Venturia</i> (<i>Fusicladium</i>) <i>pirina</i> (<i>pyrorum</i>))	1	0	0	0
Sooty Blotch (Fruit) (<i>Gloeodes pomigena</i>)	1	0	0	0
Pyrus spp. () (<i>Host,Diagnosis/ID</i>) (1,1)				
Pear Leaf Blister Mite (<i>Phytoptus pyri</i>)	1	0	0	0
Radish (<i>Raphanus sativus</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Black Root (<i>Aphanomyces raphani</i>)	1	0	0	0
Rape; Canola (<i>Brassica napus</i> var. <i>napus</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Downy Mildew (<i>Peronospora</i> sp./spp.)	1	0	0	0
Raspberry (<i>Rubus</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (9,22)				
Cane Blight; Canker (<i>Leptosphaeria</i> (<i>Coniothyrium</i>) <i>coniothyrium</i> (<i>fuckelli</i>))	4	0	0	0
Canker; Stem Blight; Dieback (<i>Botryosphaeria dothidea</i>)	3	0	0	0
Environmental Stress; Problem (Abiotic disorder)	0	0	1	0
Japanese Beetle (<i>Popillia japonica</i>)	0	0	1	0
Phomopsis Dieback; Tip Blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
<i>Phytophthora</i> Crown: Root and/or Stem Rot (<i>Phytophthora</i> sp./spp.)	0	0	2	0
Root issues (unidentified agent) ()	0	0	1	0
Septoria Leaf and Cane Spot (<i>Mycosphaerella</i> (ana. <i>Septoria</i>) <i>rubi</i>)	1	0	0	0
Septoria Leaf Spot (<i>Septoria</i> sp./spp.)	1	0	0	0
Spur Blight (<i>Didymella</i> (<i>Phoma</i>) <i>applanata</i> (<i>rubicola</i>))	2	0	0	0
Spur Blight (<i>Phoma</i> sp./spp.)	1	0	0	0
Spur; Cane Blight (<i>Didymella</i> (ana. <i>Phoma</i>) <i>applanata</i> (<i>argillacea</i>))	1	0	0	0
Unspecified Pathology (<i>Cladosporium</i> sp./spp.)	1	0	0	0
Verticillium Wilt (<i>Verticillium</i> sp./spp.)	1	0	0	0
Wind Damage (Abiotic disorder)	0	0	1	0

Red Maple (Acer rubrum) (Host,Diagnosis/ID) (1,1)				
Verticillium Wilt (Verticillium sp./spp.)	0	0	1	0
Red Northern currant (Ribes rubrum) (Host,Diagnosis/ID) (2,3)				
Currant Leaf Spot (Mycosphaerella ribis)	1	0	0	0
Root Rot (Unidentified Agent)	0	0	0	1
Sawfly (Nematus (Pontania) sp./spp.)	0	0	1	0
Redbud (Cercis sp./spp.) (Host,Diagnosis/ID) (1,1)				
Lecanium Scales (Lecanium sp./spp.)	1	0	0	0
Rhododendron (Rhododendron sp./spp.) (Host,Diagnosis/ID) (3,7)				
Canker; Stem Blight; Dieback (Botryosphaeria dothidea)	1	0	0	0
Leaf Spot (Unidentified Fungus)	2	0	0	0
Phomopsis Dieback; Tip Blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Thielaviopsis Stem Rot (Thielaviopsis sp./spp.)	1	0	0	0
Transplant Shock; Stress (Abiotic disorder)	0	0	1	0
Winter Injury (Abiotic disorder)	0	0	0	0
Rhubarb (Rheum rhabarbarum) (Host,Diagnosis/ID) (3,4)				
Cerambycid Beetle (Prionus sp./spp.)	1	0	0	0
Crown and Root Rot (Phytophthora sp./spp.)	0	0	1	0
Pythium Root and/or Crown Rot (Pythium sp./spp.)	0	0	1	0
Rhubarb Curculio (Lixus concavus)	1	0	0	0
rose () (Host,Diagnosis/ID) (1,2)				
Japanese Beetle (Popillia japonica)	1	0	0	0
Spot Anthracnose (Sphaceloma sp./spp.)	1	0	0	0
Rose (Rosa sp./spp.) (Host,Diagnosis/ID) (1,1)				
Black Spot (Rose) (Diplocarpon (Marssonina) rosae)	1	0	0	0
Rosemary (Rosmarinus officinalis) (Host,Diagnosis/ID) (1,1)				
Moth Flies (Family Psychodidae)	1	0	0	0
Salvia (sage) (Salvia sp./spp.) (Host,Diagnosis/ID) (1,1)				
Unknown Abiotic Disorder (Abiotic disorder)	0	0	0	0
Scotch Pine (Pinus sylvestris) (Host,Diagnosis/ID) (1,4)				
Diplodia Blight (Sphaeropsis sapinea)	1	0	0	0
Dothistroma Needle Blight (Mycosphaerella (Dothistroma) pini)	1	0	0	0
Pine Wilt Nematode (Pinewood) (Bursaphelenchus xylophilus)	1	0	0	0
Sooty Mold (Unidentified Fungus)	1	0	0	0
Serviceberry (Amelanchier sp./spp.) (Host,Diagnosis/ID) (2,4)				
Excessive Water (Abiotic disorder)	0	0	1	0
Leaf Spot (Abiotic disorder)	1	0	0	0
Root Problems (Abiotic disorder)	0	0	1	0
yellow leaves (Abiotic) ()	1	0	0	0
Serviceberry ; shadbush (Amelanchier canadensis) (Host,Diagnosis/ID) (1,1)				
Cedar-apple Rust (Gymnosporangium juniperi-virginianae)	1	0	0	0

Siberian Iris (Iris siberica) (Host,Diagnosis/ID) (1,1)				
Iris Borer (Macronoctua onusta)	0	0	1	0
Snap Bean; green bean (Phaseolus vulgaris) (Host,Diagnosis/ID) (1,1)				
Crown Rot (Rhizoctonia sp./spp.)	1	0	0	0
Soil (habitat) (Host,Diagnosis/ID) (4,4)				
Additional Sample Requested (Identification Analysis)	0	0	0	0
Darkwinged Fungus Gnat (Bradysia sp./spp.)	1	0	0	0
Horsehair and Gordian Worms (Phylum Nematomorpha)	1	0	0	0
Oriental Beetle (Anomala (Exomala) orientalis)	1	0	0	0
Sour Cherry (Prunus cerasus) (Host,Diagnosis/ID) (1,1)				
Leaf Blight and Spot; Shothole (Blumeriella (Coccomyces) jaapii (hiemalis))	1	0	0	0
Soybean (Glycine max) (Host,Diagnosis/ID) (1,1)				
Boron Deficiency (Abiotic disorder)	1	0	0	0
Spider Plant (Chlorophytum sp./spp.) (Host,Diagnosis/ID) (1,1)				
Fluoride Toxicity (Abiotic disorder)	0	0	1	0
Spinach (Spinacia oleracea) (Host,Diagnosis/ID) (8,15)				
Black Leg; Pythium Stem Rot (Pythium sp./spp.)	1	0	0	0
Bulb Mite (Rhizoglyphus sp./spp.)	0	0	1	0
Cladosporium Leaf Spot (Cladosporium sp./spp.)	1	0	0	0
Downy Mildew (Peronospora sp./spp.)	1	0	0	0
Fusarium Root; Crown Rot (Fusarium sp./spp.)	1	0	0	0
Fusarium Stem; Root Rot (Fusarium sp./spp.)	1	0	0	0
Green Peach Aphid (Myzus persicae)	2	0	0	0
High Soluble Salt (Abiotic disorder)	1	0	0	0
Physiological Responses (Abiotic disorder)	1	0	0	0
Root Rot (Aphanomyces cochlioides)	1	0	0	0
Root Rot (Thielaviopsis sp./spp.)	1	0	0	0
Southern Stem: Crown: Root: Seedl Blight (Athelia (Sclerotium) rolfsii)	1	0	0	0
Thrips (Thrips sp./spp.)	1	0	0	0
Verticillium Wilt (Verticillium sp./spp.)	1	0	0	0
Spruce (Picea sp./spp.) (Host,Diagnosis/ID) (1,3)				
Rhizosphaera Needle Cast (Rhizosphaera sp./spp.)	1	0	0	0
Spruce Needle Drop (Setomelanomma holmii)	1	0	0	0
Stigmina Needle Blight (Stigmina lautii)	1	0	0	0
Squash (Cucurbita sp./spp.) (Host,Diagnosis/ID) (3,3)				
Cucurbits (Gourd Family) (Family Cucurbitaceae)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Phytophthora Fruit Rot (Phytophthora capsici)	1	0	0	0
Strawberry (Fragaria sp./spp.) (Host,Diagnosis/ID) (9,18)				
Black Root Rot (Various Fungi)	2	0	0	0
Cladosporium Fruit Mold (Cladosporium sp./spp.)	1	0	0	0

cupping and reddening of leaves (abiotic)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	1	0	0	0
Fusarium Fruit Rot (Fusarium sp./spp.)	1	0	0	0
Leaf Spot (Abiotic disorder)	0	0	0	0
Leaf Spot (Cercospora fragariae)	1	0	0	0
Leaf Spot; Blight (Mycosphaerella (ana Ramularia) fragariae (brunnea))	3	0	0	0
Powdery Mildew (Podosphaera sp./spp.)	1	0	0	0
Red Stele Disease (Phytophthora fragariae)	1	0	1	0
Rhizoctonia Root Rot (Rhizoctonia sp./spp.)	1	0	0	0
Rhizoctonia Root; Crown Rot (Rhizoctonia sp./spp.)	1	0	0	0
Slime Mold (Class Myxomycetes; Myxomycota)	1	0	0	0
Twospotted Spider Mite (Tetranychus urticae)	1	0	0	0
Sugar Beet (Beta vulgaris vulgaris var. altissima) (Host,Diagnosis/ID) (1,3)				
Fusarium Basal Rot (Fusarium sp./spp.)	1	0	0	0
Rhizoctonia Root Rot (Rhizoctonia sp./spp.)	1	0	0	0
Sugarbeet Wireworm (Limonius californicus)	0	0	1	0
Sugar Maple (Acer saccharum) (Host,Diagnosis/ID) (2,2)				
Maple Anthracnose (Gloeosporium apocryptum)	1	0	0	0
Nutrient Imbalance (Abiotic disorder)	0	0	0	0
Sumac (Rhus sp./spp.) (Host,Diagnosis/ID) (1,4)				
Anthracnose Stem Blight (Colletotrichum sp./spp.)	1	0	0	0
Anthracnose; Colletotrichum Leaf Spot (Colletotrichum sp./spp.)	1	0	0	0
Fusarium Leaf Spot (Fusarium sp./spp.)	1	0	0	0
Stem Rot: Canker and Blight (Alternaria sp./spp.)	1	0	0	0
Sweet (mazzard) cherry (Prunus avium) (Host,Diagnosis/ID) (1,2)				
Brown Rot; Blossom and Twig Blight (Monilinia fructicola)	1	0	0	0
Shothole Leaf Spot (Mastigosporella (tel. Dicapella) nyssae (georgiana))	1	0	0	0
Sweet Basil (Ocimum basilicum) (Host,Diagnosis/ID) (5,5)				
Downy Mildew (Peronospora sp./spp.)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	0	0
improper leaf sample submission ()	0	1	0	0
Leaf Spot (Abiotic disorder)	0	0	0	0
Twospotted Spider Mite (Tetranychus urticae)	1	0	0	0
Sweet Corn (Zea mays) (Host,Diagnosis/ID) (1,2)				
Anthracnose (Colletotrichum graminicola)	1	0	0	0
Herbicide Injury; Exposure (Abiotic disorder)	0	0	0	0
Swiss Chard (Beta vulgaris var. cicla) (Host,Diagnosis/ID) (1,1)				
Insect Damage (Unidentified Insect)	0	0	1	0
Tall Fescue (Festuca arundinacea) (Host,Diagnosis/ID) (1,3)				
Anthracnose (Colletotrichum graminicola)	1	0	0	0
Brown Patch (Rhizoctonia sp./spp.)	1	0	0	0

Leaf Spot (<i>Bipolaris</i> sp./spp.)	1	0	0	0
Tamarack (eastern larch) (<i>Larix laricina</i>) (Host,Diagnosis/ID) (1,1)				
Larch Casebearer (<i>Coleophora laricella</i>)	1	0	0	0
Tomato () (Host,Diagnosis/ID) (1,1)				
Chilling Injury (Abiotic disorder)	0	0	0	0
Tomato (<i>Lycopersicon esculentum</i>) (Host,Diagnosis/ID) (3,6)				
Air Pollution (Abiotic disorder)	0	0	1	0
Cladosporium Leaf Spot (<i>Cladosporium</i> sp./spp.)	2	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	0	0
High Temperature Damage (Abiotic disorder)	0	0	0	0
Root Rot (Unidentified Agent)	0	0	1	0
Tomato (<i>Lycopersicon</i> sp./spp.) (Host,Diagnosis/ID) (39,48)				
Alternaria Stem Canker (<i>Alternaria alternata</i>)	1	0	0	0
Anthracnose; Colletotrichum Leaf Spot (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Bacterial Canker (<i>Clavibacter michiganensis michiganensis</i>)	2	0	0	0
Bacterial Wilt; Canker; Rot (<i>Clavibacter michiganensis</i>)	1	0	0	0
Blossom End Rot (Abiotic disorder)	0	0	0	0
Cladosporium Leaf Spot (<i>Cladosporium</i> sp./spp.)	1	0	0	0
Cold Wet Soils (Abiotic disorder)	0	0	0	0
Early Blight; Leaf Spot (<i>Alternaria solani</i>)	6	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	0	0
Fusarium Root; Crown Rot (<i>Fusarium oxysporum</i> f.sp. <i>radicis-lycopersici</i>)	1	0	0	0
Herbicide Injury; Exposure (Abiotic disorder)	0	0	0	0
Internal Browning; Brown Spot (Abiotic disorder)	0	0	1	0
Late Blight (<i>Phytophthora infestans</i>)	6	0	0	0
Leaf /Stem/Twig Blight; Rot; Gray Mold (<i>Botryotinia</i> (<i>Botrytis</i>) <i>fuckeliana</i> (<i>cinerea</i>))	1	0	0	0
Leaf Mold (<i>Fulvia fulva</i>)	9	0	0	0
Magnesium Deficiency (Abiotic disorder)	1	0	0	0
Mechanical Damage (Abiotic disorder)	0	0	0	0
Mineral; Elemental Toxicity (Abiotic disorder)	1	0	0	0
Powdery Mildew (<i>Oidium</i> sp./spp.)	1	0	0	0
Septoria Leaf Spot (<i>Septoria lycopersici</i>)	5	0	0	0
Slime Mold (Class <i>Myxomycetes</i> ; <i>Myxomycota</i>)	1	0	0	0
Stem Rot (<i>Sclerotinia sclerotiorum</i>)	1	0	0	0
Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
unknown stem browning ()	1	0	0	0
White Mold (Stem Rot) (<i>Sclerotinia sclerotiorum</i>)	1	0	0	0
tree () (Host,Diagnosis/ID) (1,1)				
Ichneumons (Wasps) (Family <i>Ichneumonidae</i>)	1	0	0	0
Tulip Tree (<i>Liriodendron tulipifera</i>) (Host,Diagnosis/ID) (1,2)				
Verticillium Wilt (<i>Verticillium</i> sp./spp.)	0	0	2	0

Turfgrass (Turfgrass mixed species) (Host,Diagnosis/ID) (5,11)

Annual Ryegrass; Italian Ryegrass (<i>Lolium perenne multiflorum</i>)	1	0	0	0
Barnyardgrass (<i>Echinochloa sp.</i>)	1	0	0	0
Crabgrass (<i>Digitaria sp./spp.</i>)	2	0	0	0
Fine Fescue (<i>Festuca glauca</i>)	1	0	0	0
Japanese Beetle (<i>Popillia japonica</i>)	1	0	0	0
Leaf Spot (Unidentified Fungus)	0	0	0	1
Oriental Beetle (<i>Anomala (Exomala) orientalis</i>)	1	0	0	0
Perennial Ryegrass (<i>Lolium perenne</i>)	1	0	0	0
Yellow Nutsedge (<i>Cyperus esculentus</i>)	2	0	0	0

Unknown Weeds; unknown plants (Mixed species) (Host,Diagnosis/ID) (23,26)

Additional Sample Requested (Identification Analysis)	0	0	0	1
American Bittersweet (<i>Celastrus scandens</i>)	1	0	0	0
<i>Arabis drummondii</i> ()	1	0	0	0
better sample requested ()	0	0	0	1
<i>Boechera stricta</i> ()	1	0	0	0
Common Buckthorn (<i>Rhamnus cathartica</i>)	1	0	0	0
Filamentous Blue-Green Algae (<i>Lyngbya sp./spp.</i>)	1	0	0	0
Fleabane (<i>Erigeron sp./spp.</i>)	1	0	0	0
Horsetails (Family Equisetaceae)	1	0	0	0
<i>Houttuynia (Houttuynia cordata)</i>	1	0	0	0
<i>Indigofera sp.</i> ()	1	0	0	0
Jumpseed (Family Polygonaceae) ()	1	0	0	0
Lettuce (<i>Lactuca sp./spp.</i>)	0	0	1	0
Liverworts (Family Marchantaceae)	1	0	0	0
<i>Lonicera sp.</i> ()	1	0	0	0
Mushroom (Unidentified Fungus)	0	1	0	0
Powell Amaranth (<i>Amaranthus powellii</i>)	1	0	0	0
Red anjou pear ()	1	0	0	0
Red Mulberry (<i>Morus rubra</i>)	1	0	0	0
sample not adequate ()	0	0	0	1
Slender Oats (<i>Avena barbata</i>)	1	0	0	0
<i>Sorbaria sp.</i> ()	1	0	0	0
Spotted Knapweed (<i>Centaurea stoebe (biebersteinii) micranthos</i>)	1	0	0	0
Tower Mustard (<i>Arabis glabra</i>)	1	0	0	0
Unknown (General)	0	1	0	0
Wood Decay Fungus (Unidentified Fungus)	1	0	0	0

Unknown; No site specified (No site specified) (Host,Diagnosis/ID) (1,1)

Buprestid Beetle (<i>Buprestis sp./spp.</i>)	1	0	0	0
--	---	---	---	---

Vines (Family vitaceae) (Host,Diagnosis/ID) (1,2)

Grape Anthracnose; Birds-eye Rot (<i>Elsinoe (Sphaceloma) ampelina</i>)	1	0	0	0
---	---	---	---	---

(ampelinum))				
Thrips Damage (Unidentified Thrips)	1	0	0	0
White Fir (<i>Abies concolor</i>) (<i>Host,Diagnosis/ID</i>) (2,5)				
Diplodia Blight (<i>Sphaeropsis sapinea</i>)	1	0	0	0
Dothistroma Needle Blight (<i>Dothistroma</i> sp./spp.)	1	0	0	0
Pine Needle Scale (<i>Chionaspis pinifoliae</i>)	1	0	0	0
Sirococcus Shoot/Tip Blight; Blight (<i>Sirococcus strobilinus</i>)	1	0	0	0
Stigmata Needle Blight (<i>Stigmata lautii</i>)	1	0	0	0
Zinnia (<i>Zinnia</i> sp./spp. hybrids) (<i>Host,Diagnosis/ID</i>) (1,1)				
Tarnished Plant Bug (<i>Lygus lineolaris</i>)	0	0	1	0
Zucchini Squash (<i>Cucurbita pepo melopepo</i>) (<i>Host,Diagnosis/ID</i>) (1,1)				
Insect Damage (Unidentified Insect)	1	0	0	0