

PLANT DIAGNOSTIC CLINIC 2017



Following report contains a summary of the samples submitted to the Plant Diagnostic Clinic from 01-Jan-2017 through 12/31/2017. A total of 380 sample(s) have been processed during this time period.

The following diagnosticians were involved in processing samples for the laboratory from 01-Jan-2017 through 31-Dec-2017.

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.

Lisa Chouinard, processed 1 sample(s).
Ann Hazelrigg, processed 338 sample(s).
Margaret Skinner, processed 2 sample(s).
Gabriella Maia, processed 298 sample(s).

The following Advisory Consultants provided advice for the laboratory from 01-Jan-2017 through 31-Dec-2017.

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).
Agdia ListServe, gave advice for 4 sample(s).
Alan Eaton (UNH), gave advice for 1 sample(s).
Dana - helpline, gave advice for 1 sample(s).
David Barrington, gave advice for 5 sample(s).
Josef Gorres, gave advice for 2 sample(s).
Leonard Perry, gave advice for 1 sample(s).
Margaret Skinner, gave advice for 6 sample(s).
Mark Starrett, gave advice for 5 sample(s).
Meg T. McGrath, gave advice for 2 sample(s).
Sarah Kingsley-Richards, gave advice for 1 sample(s).
Sid Bosworth, gave advice for 4 sample(s).
Sid Bosworth, Mark Starrett, gave advice for 1 sample(s).
Terry Bradshaw, gave advice for 6 sample(s).
Trish Hanson, gave advice for 5 sample(s).
University of Maine, gave advice for 1 sample(s).
Vern Grunbiger, gave advice for 2 sample(s).

The following is the Sample Submission Breakdown for the laboratory.

For there are 4 sample(s) pending, sample(s) preliminary, 376 sample(s) completed, 0 sample(s) archived.

The following Personnel provided checked-in samples for the laboratory from 01-Jan-2017 through 31-Dec-2017.

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 68 sample(s).
Gabriella Maia, processed 276 sample(s).
Lisa Chouinard, processed 36 sample(s).

The following Personnel provided Client responses by writing up samples for the laboratory from 01-Jan-2017 through 31-Dec-2017.

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.

Gabriella Maia, gave advice for 1 sample(s).
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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
2017	6	5	12	20	68	60	53	63	53	25	9	6	380
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

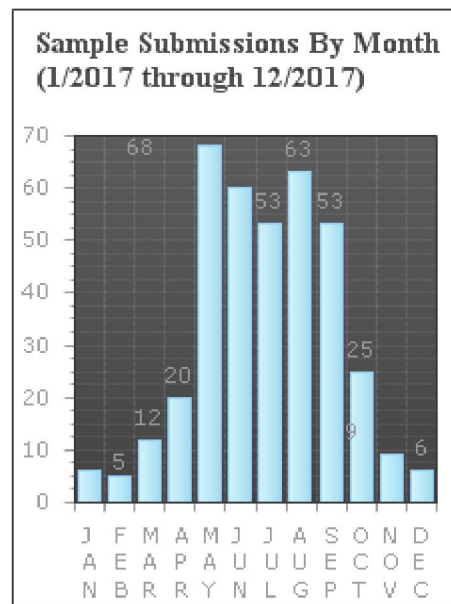
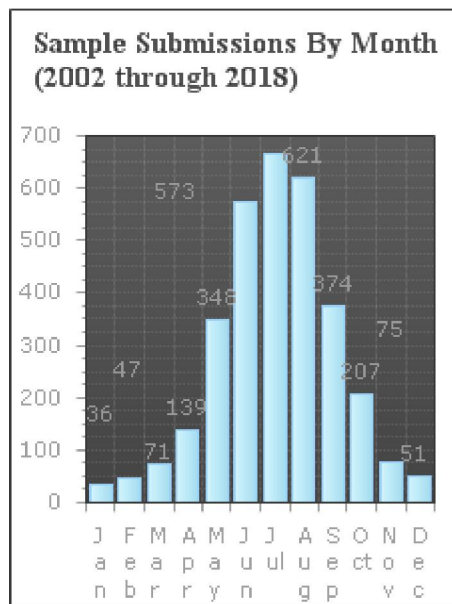
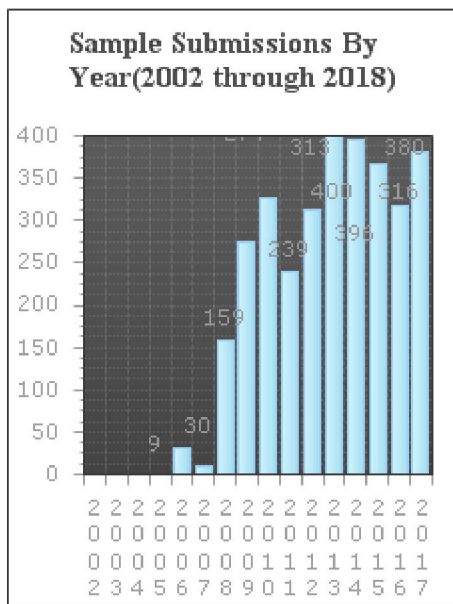


Table 2. Number of Sample Submissions by Client Type from 01-Jan-2017 through 31-Dec-2017 .

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.

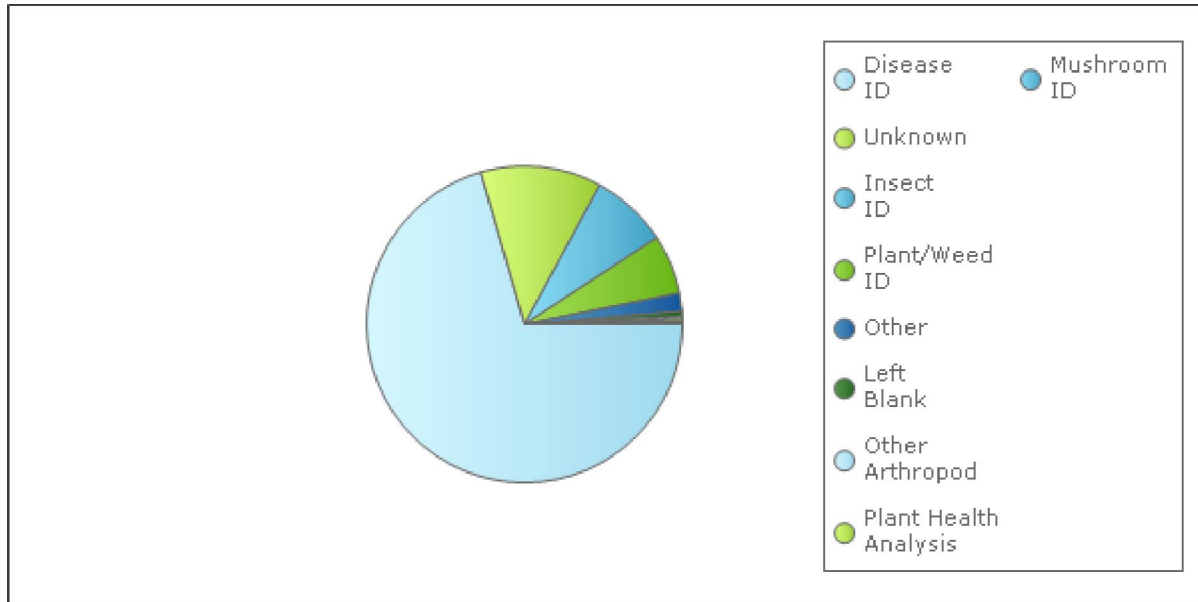
Client Type	Count	%
Grower/Farmer	131	42.67
Homeowner/Home Gardener	70	22.80
Arborist	39	12.70
Researcher/Specialist	21	6.84
Left Blank	14	4.56
Agent/Educator	9	2.93
Landscaper	6	1.95
Forester	4	1.30
Individual	3	0.98
Nursery	3	0.98
Crop Consultant	3	0.98
Company/Firm	2	0.65
Garden center	1	0.33
Greenhouse/Hydroponic	1	0.33
Total	307	100%

Table 3. Samples originated from the following states and counties from 01-Jan-2017 through 31-Dec-2017.

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	380
CO	STATE TOTAL	1
CO	Boulder	1
VT	Lamoille	9
VT	STATE TOTAL	379
VT	Orange	12
VT	Bennington	6
VT	Rutland	13
VT	Addison	33
VT	Orleans	8
VT	Grand Isle	7
VT	Windsor	15
VT	Franklin	21
VT	Windham	27
VT	Chittenden	190
VT	Washington	29
VT	Caledonia	8
VT	Unknown	1

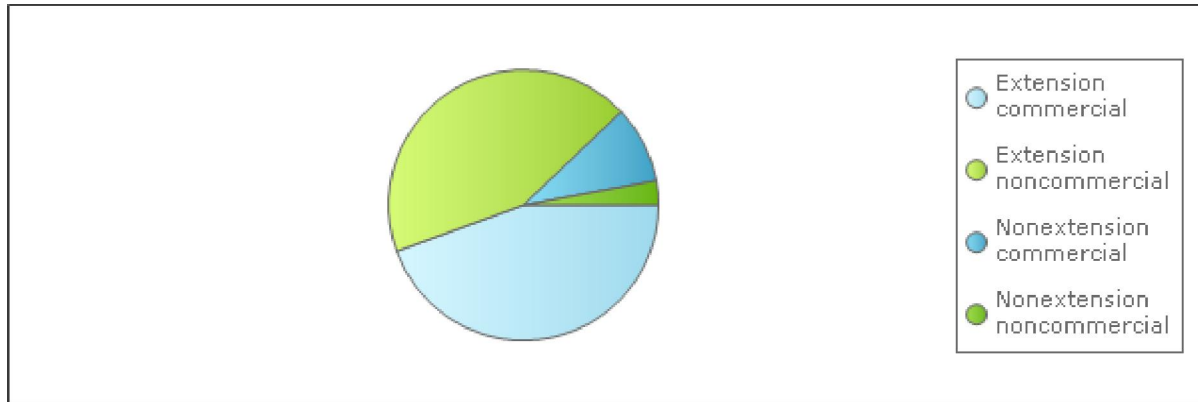
Table 4. Number of Sample Submissions by Diagnosis Needed from 01-Jan-2017 through 31-Dec-2017.
This section reports diagnosis needed for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Diagnosis Needed	Number of Samples	%
Disease ID	268	70.53
Unknown	47	12.37
Insect ID	30	7.89
Plant/Weed ID	23	6.05
Other	7	1.84
Left Blank	2	0.53
Other Arthropod	1	0.26
Plant Health Analysis	1	0.26
Mushroom ID	1	0.26
Total	380	100%

Table 6. Number of Sample Submissions by Sample Source from 01-Jan-2017 through 31-Dec-2017.

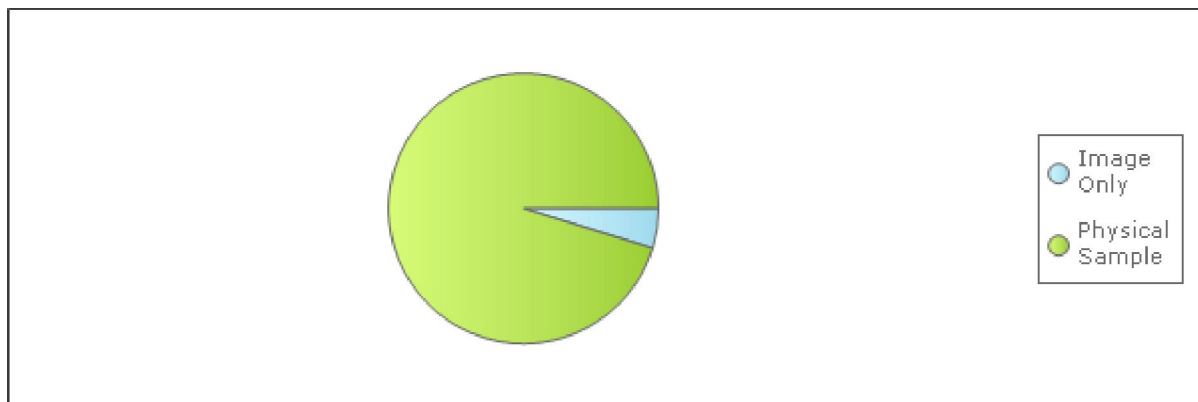
This section reports sample source for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.



Sample Source	Number of Samples	%
Extension commercial	169	44.47
Extension noncommercial	165	43.42
Nonextension commercial	35	9.21
Nonextension noncommercial	11	2.89
Total	380	100%

Table 7. Number of Sample Submissions by Type of Sample from 01-Jan-2017 through 31-Dec-2017.

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	18	4.74
Physical Sample	362	95.26
Total	380	100%

Table 8. Number of Sample Submissions by Sample Category from 01-Jan-2017 through 31-Dec-2017.

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	34.21
Woody ornamental -Deciduous	51	13.42
Fruit	46	12.11
Woody ornamental - Evergreen	30	7.89
Small Fruit	29	7.63
Perennial	27	7.11
InsectID	17	4.47
Annual	15	3.95
Other\$Unknown plant	12	3.16
Other\$Plant ID	6	1.58
Field crops	3	0.79
Small Grains - wheat,oats,barley	2	0.53
Forage	2	0.53
Turf	2	0.53
Other\$dead plant or weed	1	0.26
Other\$Plant ID - suspect invasive	1	0.26
Other\$shed/outdoors	1	0.26
Other\$weed/root i.d.	1	0.26
Other\$resin, exudate	1	0.26
Multiple hosts	1	0.26
Food/Furnishings-insectID	1	0.26
Other\$sprouts	1	0.26
Total	380	100%

Table 9. Number of Sample Submissions by Sample Material Submitted from 01-Jan-2017 through 31-Dec-2017.

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	242
Entire plant	61
Fruit/seed	38
Branches/twigs	82
Adult Insect	16
Bulbs	10
Roots	26
Tubers	4
Email	13
Stems	62
Telephone	2
Photos	15
Insect Damage	6
Soil	9
Other	7
Turf plug	1
Flowers	14

Table 10. Number of Sample Submissions and Diagnosis/ID by Host/Habitat from 01-Jan-2017 through 31-Dec-2017.

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	Undetermined
Alfalfa (<i>Medicago sativa</i>) (Host,Diagnosis/ID) (1,4)				
Alfalfa common leaf spot (<i>Pseudopeziza medicaginis</i>)	0	0	1	0
Alternaria leaf spot (<i>Alternaria</i> sp./spp.)	1	0	0	0
Anthracoese stem blight (<i>Colletotrichum</i> sp./spp.)	1	0	0	0
Stemphylium leaf spot (<i>Stemphylium</i> sp./spp.)	1	0	0	0
Allium; Onions; leeks; garlic (<i>Allium</i> sp./spp.) (Host,Diagnosis/ID) (2,4)				
Fusarium basal rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Grey mold; Stalk rot; Neck rot (<i>Botrytis allii</i>)	1	0	0	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
American (linden) basswood (<i>Tilia americana</i>) (Host,Diagnosis/ID) (1,3)				
Linden /basswood spindle gall mite (<i>Eriophyes abnormis</i>)	0	0	1	0
Sooty mold (Unidentified Fungus)	1	0	0	0
Unspecified pathology (<i>Cercospora</i> sp./spp.)	1	0	0	0
American Elm (<i>Ulmus americana</i>) (Host,Diagnosis/ID) (1,1)				
Dutch elm disease (<i>Ophiostoma</i> sp./spp.)	1	0	0	0
Arborvitae (<i>Thuja</i> sp./spp.) (Host,Diagnosis/ID) (5,14)				
Argyresthiid moths (Family Argyresthiidae)	0	0	1	0
Fletcher scale (<i>Parthenolecanium fletcheri</i>)	0	0	1	0
Pestalotiopsis needle blight; Tip blight (<i>Pestalotiopsis</i> sp./spp.)	4	0	0	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis</i> sp./spp.)	2	0	0	0
Spider mites (Family Tetranychidae)	1	0	1	0
Tip blight (<i>Kabatina</i> sp./spp.)	3	0	0	0
Unspecified pathology (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Ash (<i>Fraxinus</i> sp./spp.) (Host,Diagnosis/ID) (1,4)				
Aureobasidium canker (<i>Aureobasidium</i> sp./spp.)	1	0	0	0
Discula anthracnose (<i>Discula</i> sp./spp.)	1	0	0	0
Leaf spot (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Leaf spot (<i>Marssonina</i> sp./spp.)	1	0	0	0
Austrian Pine (<i>Pinus nigra</i>) (Host,Diagnosis/ID) (1,2)				
Dothistroma needle blight (<i>Dothistroma</i> sp./spp.)	1	0	0	0
Tip blight (<i>Diplodia</i> sp./spp.)	1	0	0	0
Autumn Joy stonecrop (<i>Sedum telephium</i> 'autumn joy') (Host,Diagnosis/ID) (1,3)				
Crown rot (<i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Fusarium crown rot (<i>Fusarium</i> sp./spp.)	1	0	0	0
Powdery mildew (Unidentified Fungus)	1	0	0	0

Autumn-winter Squash (Cucurbita maxima) (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)	1	0	0	0
Azalea; Rhododendron (Rhododendron sp./spp.) (Host,Diagnosis/ID) (2,5)				
Anthraxnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Cercospora leaf spot (Cercospora sp./spp.)	1	0	0	0
Powdery mildew (Unidentified Fungus)	1	0	0	0
Sooty mold (Unidentified Fungus)	0	1	0	0
Unidentified insect (Unidentified Insect)	1	0	0	0
Barbados Aloe (Aloe vera) (Host,Diagnosis/ID) (1,2)				
Leaf spot (Unknown cause)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Bean (Phaseolus sp./spp.) (Host,Diagnosis/ID) (2,6)				
Fusarium root; Crown rot (Fusarium sp./spp.)	1	0	0	0
Green leafhopper (Empoasca sp./spp.)	1	0	0	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Poor root development (Abiotic disorder)	1	0	0	0
Scorch (Abiotic disorder)	0	0	1	0
Bee Balm (Monarda didyma) (Host,Diagnosis/ID) (1,3)				
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Birch (Betula sp./spp.) (Host,Diagnosis/ID) (1,3)				
Additional sample requested (Identification Analysis)	0	0	0	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Black Currant (Ribes nigrum) (Host,Diagnosis/ID) (1,1)				
White pine blister rust (Cronartium ribicola)	1	0	0	0
Black Raspberry (Rubus occidentalis) (Host,Diagnosis/ID) (2,3)				
Crown gall (Agrobacterium sp./spp.)	1	0	0	0
Insect damage (Unidentified Insect)	0	0	0	1
No pathogen found (Identification Analysis)	1	0	0	0
Blackberry (Rubus sp./spp.) (Host,Diagnosis/ID) (1,3)				
Animal damage (Abiotic disorder)	0	0	1	0
Crown gall (Agrobacterium sp./spp.)	1	0	0	0
Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Blue Spruce (Picea pungens) (Host,Diagnosis/ID) (2,7)				
Chemical injury (Abiotic disorder)	0	0	1	0

Needle blight; Leaf blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
No insect found (Identification Analysis)	1	0	0	0
Rhizosphaera needle cast (<i>Rhizosphaera</i> sp./spp.)	1	0	0	0
Stigmina needle blight (<i>Stigmina lautii</i>)	1	0	0	0
Sudden needle drop: spruce needle drop (<i>Setomelanomma holmii</i>)	1	0	0	0
Weir's cushion rust (<i>Chrysomyxa weirii</i>)	0	0	1	0
Blueberry (<i>Vaccinium</i> sp./spp.) (Host,Diagnosis/ID) (16,31)				
Azalea stem borer (<i>Oberea myops</i>)	1	0	0	0
Blueberry stemgall wasp (<i>Hemadas nubilipennis</i>)	1	0	0	0
Canker; Dieback; Leaf blight (<i>Fusicoccum</i> sp./spp.)	2	0	0	0
Crown gall (<i>Agrobacterium</i> sp./spp.)	0	0	1	0
Dieback; Canker; Twig blight (<i>Botryosphaeria</i> sp./spp.)	1	0	0	0
Environmental stress; Problem (Abiotic disorder)	0	0	2	0
Excessive water (Abiotic disorder)	0	0	1	0
Fir-blueberry rust; Witches' broom (<i>Pucciniastrum goeppertianum</i>)	1	0	1	0
Mummy berry (<i>Monilinia vaccinii-corymbosi</i>)	3	0	0	0
No insect found (Identification Analysis)	2	0	0	0
No pathogen found (Identification Analysis)	2	0	0	0
Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	2	0	0	0
Normal plant growth (Identification Analysis)	0	0	1	0
Phomopsis blight (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis</i> sp./spp.)	3	0	0	0
Poor growing conditions (Abiotic disorder)	0	0	1	0
Pucciniastrum rust (<i>Pucciniastrum</i> sp./spp.)	0	0	1	0
Redhumped caterpillar (<i>Schizura concinna</i>)	1	0	0	0
Spotted wing Drosophila (<i>Drosophila suzukii</i>)	2	0	1	0
Boxwood (<i>Buxus</i> sp./spp.) (Host,Diagnosis/ID) (2,2)				
Boxwood leafminer (<i>Monarthropalpus flavus</i> (buxi))	2	0	0	0
Broccoli (<i>Brassica oleracea</i> var. <i>botrytis</i>) (Host,Diagnosis/ID) (1,3)				
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Burningbush (<i>Euonymus alatus</i>) (Host,Diagnosis/ID) (1,1)				
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Carrot (<i>Daucus carota sativus</i>) (Host,Diagnosis/ID) (2,2)				
Alternaria leaf blight and spot (<i>Alternaria dauci</i>)	1	0	0	0
Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Cedar (<i>Cedrus</i> sp./spp.) (Host,Diagnosis/ID) (1,2)				
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Tip blight (<i>Kabatina</i> sp./spp.)	1	0	0	0
Celeriac (<i>Apium graveolens</i> var. <i>rapaceum</i>) (Host,Diagnosis/ID) (1,2)				

Bacterial leaf spot (Unidentified Bacteria)	1	0	0	0
Nutrient imbalance (Abiotic disorder)	0	0	1	0
Cherry Tomato (<i>Lycopersicon cerasiforme</i>) (Host,Diagnosis/ID) (1,1)				
Oedema; Edema (Abiotic disorder)	1	0	0	0
Chinese Chestnut (<i>Castanea mollissima</i>) (Host,Diagnosis/ID) (1,2)				
No insect found (Identification Analysis)	1	0	0	0
Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Cockscomb; Celosia (<i>Celosia sp./spp.</i>) (Host,Diagnosis/ID) (1,3)				
No pathogen found (Identification Analysis)	1	0	0	0
Rhizoctonia soilborne diseases (Rhizoctonia sp./spp.)	1	0	0	0
Springtails (Family Onychiuridae)	1	0	0	0
Common Borage; talewort (<i>Borago officinalis</i>) (Host,Diagnosis/ID) (1,1)				
Fusarium wilt; Fusarium wilt complex (Fusarium sp./spp.)	1	0	0	0
Common Lilac (<i>Syringa vulgaris</i>) (Host,Diagnosis/ID) (1,3)				
Herbicide injury; Exposure (Abiotic disorder)	0	0	1	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Common Wheat (<i>Triticum aestivum</i>) (Host,Diagnosis/ID) (3,7)				
Fusarium blight (Fusarium sp./spp.)	1	0	0	0
Mold (Ulocladium sp./spp.)	1	0	0	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Seed rot (Alternaria sp./spp.)	1	0	0	0
Spot blotch (Cochliobolus sp./spp.)	1	0	0	0
Wheat powdery mildew (Blumeria graminis f.sp. tritici)	1	0	0	0
Compost Pile (habitat) (Host,Diagnosis/ID) (1,1)				
Liverworts (Family Marchantaceae)	1	0	0	0
Conifers: Softwoods (Coniferous evergreens) (Host,Diagnosis/ID) (1,1)				
Crown rot; Root rot; Stem rot (Phytophthora sp./spp.)	1	0	0	0
Corn (<i>Zea mays</i>) (Host,Diagnosis/ID) (3,8)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	2	0	0	0
Cereal/ grass disease (Bipolaris sp./spp.)	1	0	0	0
Common corn rust (Puccinia sorghi)	0	0	1	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Helminthosporium diseases (Cochliobolus sp./spp.)	1	0	0	0
Insect damage (Unidentified Insect)	1	0	0	0
Northern corn leaf blight; Leaf spot (Exserohilum turcicum)	1	0	0	0
Crabapple (<i>Malus sp./spp.</i>) (Host,Diagnosis/ID) (9,17)				
Apple scab (Venturia inaequalis)	7	0	0	0
Drought stress damage (Abiotic disorder)	0	0	1	0
Frog-eye leaf spot; Black rot (Botryosphaeria obtusa)	1	0	0	0

Insect damage (Unidentified Insect)	2	0	0	0
Lichens (Lichenes)	1	0	0	0
Mite damage (Unidentified Mite)	1	0	0	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Sooty mold (Unidentified Fungus)	1	0	0	0
Stink bug egg mass (Unidentified bug) ()	0	0	1	0
Crocus (Crocus sp./spp.) (Host,Diagnosis/ID) (1,2)				
Fusarium dry rot; Bulb rot (Fusarium sp./spp.)	1	0	0	0
Rhizoctonia soilborne diseases (Rhizoctonia sp./spp.)	1	0	0	0
Cucumber (Cucumis sativus) (Host,Diagnosis/ID) (10,23)				
Alternaria leaf spot (Alternaria sp./spp.)	1	0	0	0
Cladosporium leaf spot (Cladosporium sp./spp.)	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	2	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Leaf spot (Unknown cause)	1	0	0	0
Mechanical damage (Abiotic disorder)	0	0	1	0
No insect found (Identification Analysis)	4	0	0	0
No pathogen found (Identification Analysis)	6	0	0	0
Nutrient imbalance (Abiotic disorder)	0	0	1	0
Powdery mildew (Unidentified Fungus)	1	0	0	0
Thrips (Order Thysanoptera)	2	0	0	0
White mold (Sclerotinia sp./spp.)	1	0	0	0
White mold (Stem rot) (Sclerotinia sclerotiorum)	1	0	0	0
Cucurbits (Family cucurbitaceae) (Host,Diagnosis/ID) (1,2)				
Coreid squash bug (Anasa sp./spp.)	1	0	0	0
White mold (Sclerotinia sp./spp.)	1	0	0	0
Culver's Root (Veronicastrum virginicum) (Host,Diagnosis/ID) (1,1)				
Rust (Unidentified Fungus)	1	0	0	0
Currant (Ribes sp./spp.) (Host,Diagnosis/ID) (1,1)				
Imported currantworm (Nematus ribesii)	0	0	1	0
Dogwood (Cornus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Dogwood sawfly (Macremphytus tarsatus)	0	0	1	0
Domestic Apple (Malus domestica) (Host,Diagnosis/ID) (25,51)				
Additional sample requested (Identification Analysis)	1	0	0	0
Apple black rot (Diplodia seriata)	1	0	0	0
Apple scab (Venturia inaequalis)	13	0	0	0
Apple-and-thorn skeletonizer (Choreutis pariana)	0	0	2	0
Canker (Unidentified Agent)	0	1	0	0
Cedar-apple rust (Gymnosporangium juniperi-virginianae)	1	0	1	0
Codling moth (Cydia pomonella)	0	0	3	0
Crown gall (Agrobacterium sp./spp.)	1	0	0	0

	0	0	1	0
Frogeye leaf spot; Black rot (<i>Botryosphaeria obtusa</i>)	7	0	0	0
Insect damage (Unidentified Insect)	2	0	0	0
Insufficient rootball (Abiotic disorder)	0	0	1	0
Lichens (Lichenes)	1	0	0	0
Mechanical damage (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	3	0	0	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis</i> sp./spp.)	1	0	0	0
Plant identification (Identification Analysis)	0	0	0	2
Poor root development (Abiotic disorder)	1	0	0	0
Sooty blotch flyspeck complex (Various Fungi)	3	0	0	0
Stem canker (Unidentified Canker)	0	0	0	1
Tentiform leafminers (Family Gracillariidae)	0	0	1	0
Trunk girdling (Abiotic disorder)	1	0	0	0
Wood boring insect damage (Unidentified Wood Boring Insect)	1	0	0	0
Dry Field peas (<i>Pisum sativum</i>) (Host,Diagnosis/ID) (1,1)				
Ascochyta blight (<i>Ascochyta</i> sp./spp.)	1	0	0	0
Eastern Hemlock (<i>Tsuga canadensis</i>) (Host,Diagnosis/ID) (1,2)				
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	1	0	0	0
Eastern White pine (<i>Pinus strobus</i>) (Host,Diagnosis/ID) (1,2)				
Dothistroma needle blight (<i>Dothistroma</i> sp./spp.)	1	0	0	0
Winter injury (Abiotic disorder)	0	0	1	0
Eggplant (<i>Solanum melogena</i>) (Host,Diagnosis/ID) (4,10)				
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Flea beetle damage ()	0	0	1	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	3	0	0	0
Nutrient imbalance (Abiotic disorder)	0	0	1	0
Sooty mold (Unidentified Fungus)	1	0	0	0
Unknown abiotic disorder (Abiotic disorder)	1	0	0	0
Western flower thrips (<i>Frankliniella occidentalis</i>)	0	0	1	0
Elderberry (<i>Sambucus</i> sp./spp.) (Host,Diagnosis/ID) (1,3)				
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Septoria leaf blight (<i>Septoria</i> sp./spp.)	1	0	0	0
Spider mites (Family Tetranychidae)	1	0	0	0
Elm (<i>Ulmus</i> sp./spp.) (Host,Diagnosis/ID) (1,3)				
Anthracnose; Black spot (<i>Stegophora ulmea</i>)	1	0	0	0
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Eriophyid mites (Family Eriophyidae)	1	0	0	0
Evergreen () (Host,Diagnosis/ID) (1,3)				
Dothistroma needle blight (<i>Dothistroma</i> sp./spp.)	1	0	0	0

	0	0	1	0
Insect damage (Unidentified Insect)	1	0	0	0
Fiddle-leaf Fig (Ficus lyrata) (Host,Diagnosis/ID) (1,1)				
Natural senescence (Abiotic disorder)	0	0	1	0
Field () (Host,Diagnosis/ID) (1,1)				
Wild parsnip (Pastinaca sativa)	1	0	0	0
Fir (Abies sp./spp.) (Host,Diagnosis/ID) (2,8)				
Bagworm moths (Family Psychidae)	0	0	1	0
Balsam woolly adelgid (Adelges piceae)	0	0	1	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Needle blight (Phyllosticta sp./spp.)	1	0	0	0
Needle blight; Leaf blight (Botryosphaeria sp./spp.)	1	0	0	0
Needle cast (Unidentified Agent)	1	0	0	0
Nutritional pathology (Abiotic disorder)	0	0	1	0
Undetermined injury (Identification Analysis)	0	0	0	1
Firewood (habitat) (Host,Diagnosis/ID) (1,3)				
Blue mold rot (Penicillium sp./spp.)	1	0	0	0
Storage mold (Aspergillus sp./spp.)	1	0	0	0
Unspecified pathology (Botrytis sp./spp.)	1	0	0	0
Fragrant Solomon's seal (Polygonatum odoratum variegatum) (Host,Diagnosis/ID) (1,1)				
Snail injury (Unidentified Snail)	0	0	1	0
Garden Beet (Beta vulgaris) (Host,Diagnosis/ID) (3,5)				
Beet leafminer; Spinach Im (Pegomya hyoscyami)	1	0	1	0
Fusarium root; Crown rot (Fusarium sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Rhizoctonia root; Crown rot (Rhizoctonia sp./spp.)	1	0	0	0
Garlic () (Host,Diagnosis/ID) (1,4)				
Blue mold rot (Penicillium sp./spp.)	1	0	0	0
Botrytis bulb and root rot (Botrytis sp./spp.)	1	0	0	0
Fusarium dry rot; Bulb rot (Fusarium sp./spp.)	1	0	0	0
Skin blotch (Alternaria embellisia)	1	0	0	0
Garlic (Allium sativum) (Host,Diagnosis/ID) (12,27)				
Blue mold rot (Penicillium sp./spp.)	2	0	0	0
Botrytis bulb and root rot (Botrytis sp./spp.)	2	0	0	0
Bulb mite (Rhizoglyphus sp./spp.)	2	0	1	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.)	2	0	0	0
Garlic mosaic (Undetermined Virus Complex)	0	0	1	0
Leaf /stem/twig blight; Rot; Gray mold (Botrytis cinerea)	1	0	0	0
Leek moth (Acrolepiopsis assectella)	3	1	0	0

No insect found (Identification Analysis)	3	0	0	0
No pathogen found (Identification Analysis)	3	0	0	0
Skin blotch (<i>Alternaria embellisia</i>)	1	0	0	0
Storage mold (<i>Aspergillus sp./spp.</i>)	1	0	0	0
Unknown abiotic disorder (Abiotic disorder)	0	0	1	0
Gerber Daisy; african daisy (<i>Gerbera sp./spp.</i>) (Host,Diagnosis/ID) (1,1)				
Common thrips (Family Thripidae)	1	0	0	0
Gooseberry (<i>Ribes sp./spp.</i>) (Host,Diagnosis/ID) (1,2)				
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Ribes anthracnose (<i>Drepanopeziza ribis</i>)	0	0	1	0
Grape (<i>Vitis sp./spp.</i>) (Host,Diagnosis/ID) (3,7)				
Downy mildew (Unidentified Fungus)	1	0	0	0
Gallmaking midges (Family Cecidomyiidae)	1	0	0	0
Grape anthracnose; Birds-eye rot (<i>Elsinoe ampelina</i>)	1	0	0	0
Leaf spot (<i>Guignardia sp./spp.</i>)	1	0	0	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Phomopsis dieback; Tip blight; Canker (<i>Phomopsis sp./spp.</i>)	1	0	0	0
Grass (Unidentified grass) (Host,Diagnosis/ID) (1,2)				
Cereal/ grass disease (<i>Bipolaris sp./spp.</i>)	1	0	0	0
Helminthosporium leaf spot (<i>Drechslera sp./spp.</i>)	1	0	0	0
Harry Lauder Walking Stick () (Host,Diagnosis/ID) (1,1)				
Eastern filbert blight (<i>Anisogramma anomala</i>)	1	0	0	0
Hemlock (<i>Tsuga sp./spp.</i>) (Host,Diagnosis/ID) (2,3)				
Mite damage (Unidentified Mite)	0	0	1	0
No pathogen found (Identification Analysis)	1	0	0	0
Spider mites (Family Tetranychidae)	0	0	1	0
Hemp (<i>Cannabis sativa</i>) (Host,Diagnosis/ID) (7,14)				
Abnormal plant growth (Abiotic disorder)	0	0	1	0
Aphids; Plant lice (Family Aphididae)	0	0	0	1
Blue mold rot (<i>Penicillium sp./spp.</i>)	3	0	0	0
Cladosporium bud blight (<i>Cladosporium sp./spp.</i>)	1	0	0	0
Cold wet soils (Abiotic disorder)	0	0	1	0
Foliar blight (<i>Fusarium sp./spp.</i>)	1	0	0	0
Fusarium stem; Root rot (<i>Fusarium sp./spp.</i>)	1	0	0	0
Insect damage (Unidentified Insect)	2	0	0	0
Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Nutrient imbalance (Abiotic disorder)	0	0	1	0
Wood boring insect damage (Unidentified Wood Boring Insect)	1	0	0	0
Highbush Blueberry (<i>Vaccinium corymbosum</i>) (Host,Diagnosis/ID) (1,2)				
Canker; Dieback; Leaf blight (<i>Fusicoccum sp./spp.</i>)	1	0	0	0

Phomopsis dieback; Tip blight; Canker (Phomopsis sp./spp.)	1	0	0	0
Home and garden (habitat) (Host,Diagnosis/ID) (13,15)				
Additional sample requested (Identification Analysis)	1	0	0	1
Boxelder bug (Boisea (Leptocoris) trivittata)	1	0	0	0
Ground beetle (Harpalus sp./spp.)	1	0	0	0
Insufficient sample (Identification Analysis)	1	0	0	0
Jumping worm (Amyntas agrestis)	0	0	1	0
Larder beetle (Dermestes lardarius)	1	0	0	0
March flies (Family Bibionidae)	1	0	0	0
Oriental bittersweet (Celastrus orbiculatus)	4	0	0	0
River birch (Betula nigra)	1	0	0	0
Wild chervil (Anthriscus sylvestris)	1	0	0	0
Honeysuckle (Lonicera sp./spp.) (Host,Diagnosis/ID) (1,2)				
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Hops (Humulus lupulus) (Host,Diagnosis/ID) (4,10)				
Alternaria leaf spot (Alternaria sp./spp.)	1	0	0	0
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Hop downy mildew (Pseudoperonospora humuli)	1	0	0	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	3	0	0	0
Twospotted spider mite (Tetranychus urticae)	0	0	1	0
Hornbeam (Carpinus sp./spp.) (Host,Diagnosis/ID) (1,2)				
No pathogen found (Identification Analysis)	1	0	0	0
Squirrel damage (Abiotic disorder)	0	0	1	0
Horsechestnut (Aesculus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Leaf spot (Guignardia sp./spp.)	0	0	1	0
Household; Domestic dwellings (habitat) (Host,Diagnosis/ID) (1,1)				
Brown marmorated stink bug (Halyomorpha halys)	1	0	0	0
Hydrangea (Hydrangea sp./spp.) (Host,Diagnosis/ID) (2,5)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Leaf spot (Pestalotiopsis sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Root problem (Unknown Cause)	0	0	1	0
Undetermined injury (Identification Analysis)	0	1	0	0
Insect Id request (general) (Host,Diagnosis/ID) (6,8)				
Additional sample requested (Identification Analysis)	1	0	0	1
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Bed bug (Cimex lectularius)	1	0	0	0
Black vine weevil (Otiorhynchus sulcatus)	1	0	0	0

	1	0	0	0
Darkwinged fungus gnats (Family Sciaridae sp./spp.)	1	0	0	0
March flies (Family Bibionidae)	1	0	0	0
Japanese Tree lilac (Syringa reticulata) (Host,Diagnosis/ID) (3,8)				
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Insect damage (Unidentified Insect)	1	0	0	0
No insect found (Identification Analysis)	0	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Spider mites (Family Tetranychidae)	1	0	0	1
Juniper (Juniperus sp./spp.) (Host,Diagnosis/ID) (1,3)				
Pestalotia dieback (Pestalotia 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
Kale (Brassica oleracea acephala) (Host,Diagnosis/ID) (1,2)				
Alternaria leaf spot (Alternaria sp./spp.)	1	0	0	0
Crucifer bacterial black rot (Xanthomonas campestris)	1	0	0	0
Korean Fir (Abies koreana) (Host,Diagnosis/ID) (1,1)				
Elongate hemlock scale (Fiorinia externa)	1	0	0	0
Lavender (Lavandula sp./spp.) (Host,Diagnosis/ID) (1,1)				
Root rot (Various Fungi)	1	0	0	0
Lesser Periwinkle (Vinca minor) (Host,Diagnosis/ID) (1,2)				
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	1	0	0	0
Lettuce (Lactuca sativa) (Host,Diagnosis/ID) (8,14)				
Botrytis blight; Leaf spot (Botrytis elliptica)	1	0	0	0
Crown rot (Botrytis sp./spp.)	1	0	0	0
Downy mildew (Lettuce) (Bremia lactucae)	2	0	0	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Freeze; Frost; Cold damage (Abiotic disorder)	1	0	0	0
Fusarium root rot (Fusarium sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Powdery mildew (Golovinomyces cichoracearum)	1	0	0	0
Rhizoctonia damping off (Rhizoctonia sp./spp.)	1	0	0	0
Rhizoctonia root; Crown rot (Rhizoctonia sp./spp.)	1	0	0	0
Tipburn (Abiotic disorder)	0	0	1	0
Unknown bacterial disease (Unknown Bacterial Disease)	1	0	0	0
Magnolia (Magnolia sp./spp.) (Host,Diagnosis/ID) (1,1)				
Magnolia scale (Neolecanium cornuparvum)	0	0	1	0
Maple (Acer sp./spp.) (Host,Diagnosis/ID) (7,18)				

Aphids; Plant lice (Family Aphididae)	1	0	0	0
Discula anthracnose (Discula sp./spp.)	2	0	0	0
Insect damage (Unidentified Insect)	2	0	0	0
Maple anthracnose (Aureobasidium apocryptum)	1	0	2	0
Maple leaf spot (Phyllosticta minima)	1	0	0	0
Maple trumpet skeletonizer (Epinotia aceriella)	0	0	1	0
Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Phyllosticta leaf spot (Phyllosticta sp./spp.)	1	0	1	0
Potato leafhopper (Empoasca fabae)	0	0	1	0
Unidentified insect egg (Unidentified Insect Egg)	1	0	0	0
Venturia leaf blotch; Leaf spot (Venturia acerina)	1	0	0	0
Verticillium wilt (Verticillium sp./spp.)	0	0	2	0
Million Bells (Calibrachoa sp./spp.) (Host,Diagnosis/ID) (1,2)				
Fertilizer injury (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	1	0	0	0
Mixture; Spruce; fir (Picea; abies sp./spp.) (Host,Diagnosis/ID) (1,3)				
Black pineleaf scale (Nuculaspis californica)	1	0	0	0
Rhizosphaera needle cast (Rhizosphaera sp./spp.)	1	0	0	0
Sooty mold (Cladosporium sp./spp.)	1	0	0	0
Mugo Pine; swiss mountain pine (Pinus mugo) (Host,Diagnosis/ID) (2,3)				
Diaspidid scale (Lepidosaphes sp./spp.)	1	0	0	0
Dothistroma needle blight (Dothistroma sp./spp.)	2	0	0	0
Ninebark (Physocarpus opulifolius) (Host,Diagnosis/ID) (1,1)				
Powdery mildew (Unidentified Fungus)	1	0	0	0
Oak (ornamental) (Quercus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Powdery mildew (Unidentified Fungus)	1	0	0	0
Oak (Quercus 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
Scorch (Abiotic disorder)	0	0	1	0
Onion (Allium cepa) (Host,Diagnosis/ID) (4,11)				
Bulb mite (Rhizoglyphus sp./spp.)	0	0	1	0
Bulbs and rhizomes disease (Sclerotium sp./spp.)	1	0	0	0
Fusarium root; Crown rot (Fusarium sp./spp.)	2	0	0	0
Leek moth (Acrolepiopsis assectella)	0	0	0	1
No pathogen found (Identification Analysis)	1	0	0	0
Onion downy mildew (Peronospora destructor)	1	0	0	0
Onion thrips (Thrips tabaci)	0	0	1	0
Thrips damage (Unidentified Thrips)	3	0	0	0
Orchardgrass (Dactylis glomerata) (Host,Diagnosis/ID) (1,3)				
Helminthosporium leaf spot (Drechslera sp./spp.)	1	0	0	0

Leaf spot (Stagonospora sp./spp.)	1	0	0	0
Powdery mildew (Erysiphe sp./spp.)	1	0	0	0
Ornamentals; Forest trees; all (general) (Host,Diagnosis/ID) (1,1)				
Heterobasidion sp. ()	1	0	0	0
Paper Birch (Betula papyrifera) (Host,Diagnosis/ID) (1,2)				
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	1	0	0	0
Peach (Prunus persica) (Host,Diagnosis/ID) (2,3)				
Brown rot; Blossom blight; Fruit rot (Monilinia sp./spp.)	1	0	0	0
Peach gummosis (Botryosphaeria sp./spp.)	1	0	0	0
Peach leaf curl (Taphrina deformans)	1	0	0	0
Pear (ornamental) (Pyrus sp./spp.) (Host,Diagnosis/ID) (4,6)				
Entomosporium leaf spot (Entomosporium sp./spp.)	1	0	0	0
Pear leaf blister mite (Phytoptus pyri)	1	0	0	0
Pear scab (Venturia pyrina)	3	0	0	0
Stem canker (Unidentified Canker)	0	0	0	1
Pear (Pyrus communis) (Host,Diagnosis/ID) (3,3)				
Pear scab (Venturia pyrina)	2	0	0	0
Pearleaf blister mite (Eriophyes pyri)	1	0	0	0
Peony (Paeonia sp./spp.) (Host,Diagnosis/ID) (2,2)				
Botrytis blight (Botrytis sp./spp.)	2	0	0	0
Pepper (Capsicum sp./spp.) (Host,Diagnosis/ID) (3,5)				
Fusarium basal rot (Fusarium sp./spp.)	1	0	0	0
Fusarium crown and stalk rot (Fusarium sp./spp.)	1	0	0	0
Leaf spot (Abiotic disorder)	0	0	0	1
No insect found (Identification Analysis)	0	0	0	0
No pathogen found (Identification Analysis)	0	0	0	0
Phlox (Phlox sp./spp.) (Host,Diagnosis/ID) (3,5)				
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
Powdery mildew (Unidentified Fungus)	1	0	0	0
Spider mites (Family Tetranychidae)	1	0	0	0
Pine (Pinus sp./spp.) (Host,Diagnosis/ID) (1,2)				
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Plant Id request (general) (Host,Diagnosis/ID) (1,2)				
Common Medlar ()	1	0	0	0
Cornelian cherry (Cornus mas)	1	0	0	0
Plum (Prunus sp./spp.) (Host,Diagnosis/ID) (3,5)				
Brown rot (Monilia sp./spp.)	1	0	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0

	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Poor pollination (Abiotic disorder)	0	0	1	0
Potato (<i>Solanum tuberosum</i>) (Host,Diagnosis/ID) (7,14)				
Cold wet soils (Abiotic disorder)	0	0	1	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Enlarged lenticels ()	1	0	0	0
Insect damage (Unidentified Insect)	0	0	1	0
Late blight (<i>Phytophthora infestans</i>)	1	0	0	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	3	0	0	0
Potato black leg (<i>Erwinia carotovora atroseptica</i>)	0	0	2	0
Potato leafhopper (<i>Empoasca fabae</i>)	1	0	1	0
Treehoppers (Family Membracidae)	0	0	1	0
Potting Soil; growing media (General (nursery)) (Host,Diagnosis/ID) (1,1)				
Jumping worm (<i>Amyntas agrestis</i>)	1	0	0	0
Privet (<i>Ligustrum sp./spp.</i>) (Host,Diagnosis/ID) (1,1)				
Cercospora leaf spot (<i>Cercospora sp./spp.</i>)	1	0	0	0
Pumpkin (<i>Cucurbita sp./spp.</i>) (Host,Diagnosis/ID) (2,2)				
Squash vine borer (<i>Melittia cucurbitae</i>)	1	0	1	0
Radish (<i>Raphanus sativus</i>) (Host,Diagnosis/ID) (1,3)				
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
Raspberry (<i>Rubus sp./spp.</i>) (Host,Diagnosis/ID) (4,9)				
Anthracnose (<i>Elsinoe sp./spp.</i>)	1	0	0	0
Dieback; Canker; Twig blight (<i>Botryosphaeria sp./spp.</i>)	1	0	0	0
Flea beetle (Unidentified insect)	0	0	1	0
Leaf spot (<i>Sphaerulina rubi</i>)	0	0	1	0
Leafhopper (<i>Erythroneura comes</i>)	1	0	0	0
Mite damage (Unidentified Mite)	0	0	1	0
Spotted wing Drosophila (<i>Drosophila suzukii</i>)	0	0	2	0
Springtails (Order Collembola)	1	0	0	0
Red Maple (<i>Acer rubrum</i>) (Host,Diagnosis/ID) (1,1)				
No pathogen found (Identification Analysis)	1	0	0	0
Red Northern currant (<i>Ribes rubrum</i>) (Host,Diagnosis/ID) (1,1)				
Currant aphid (<i>Cryptomyzus ribis</i>)	1	0	0	0
Red Osier dogwood (<i>Cornus sericea</i>) (Host,Diagnosis/ID) (1,2)				
Dieback; Canker; Twig blight (<i>Botryosphaeria sp./spp.</i>)	1	0	0	0
Dogwood sawfly (<i>Macremphytus tarsatus</i>)	0	0	1	0
River Birch (<i>Betula nigra</i>) (Host,Diagnosis/ID) (1,3)				

Insect damage (Unidentified Insect)	1	0	0	0
Insect frass; Pupal casing; Webbing (Unidentified Arthropod)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Rose (Rosa sp./spp.) (Host,Diagnosis/ID) (1,1)				
Thrips (Order Thysanoptera)	1	0	0	0
Rudbeckia (Rudbeckia sp./spp.) (Host,Diagnosis/ID) (1,3)				
Leaf spot (Unknown cause)	0	0	0	1
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Serviceberry (Amelanchier sp./spp.) (Host,Diagnosis/ID) (2,6)				
Common shadbush; Saskatoon (Amelanchier alnifolia)	1	0	0	0
Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	1	0	0	0
Drought stress damage (Abiotic disorder)	0	0	1	0
Lichens (Lichenes)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Woolly apple aphid (Eriosoma lanigerum)	1	0	0	0
Shooting Stars (Liatris sp./spp.) (Host,Diagnosis/ID) (1,1)				
White mold (Sclerotinia sp./spp.)	1	0	0	0
Soil (habitat) (Host,Diagnosis/ID) (1,1)				
Additional sample requested (Identification Analysis)	0	0	0	1
Soybean (Glycine max) (Host,Diagnosis/ID) (2,7)				
Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Aphids; Plant lice (Family Aphididae)	1	0	0	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Soybean anthracnose (Colletotrichum destructivum)	1	0	0	0
Soybean downy mildew (Peronospora manshurica)	2	0	0	0
Soybean frog-eye leaf spot (Cercospora sojina)	1	0	0	0
Spinach (Spinacia oleracea) (Host,Diagnosis/ID) (14,23)				
Beet leafminer; Spinach lm (Pegomya hyoscyami)	1	0	0	0
Cladosporium leaf spot (Cladosporium sp./spp.)	2	0	0	0
Damping off (Fusarium sp./spp.)	2	0	0	0
Damping off (Rhizopus sp./spp.)	1	0	0	0
Downy mildew (Peronospora sp./spp.)	2	0	0	0
Environmental stress; Problem (Abiotic disorder)	0	0	2	0
Fertilizer injury (Abiotic disorder)	0	0	1	0
No insect found (Identification Analysis)	2	0	0	0
No pathogen found (Identification Analysis)	2	0	0	0
Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Nutritional deficiency (Abiotic disorder)	1	0	1	0
Oedema; Edema (Abiotic disorder)	1	0	0	0
Rhizoctonia root; Crown rot (Rhizoctonia sp./spp.)	1	0	0	0

Root and or pot bound (Abiotic disorder)	1	0	0	0
Tipburn (Abiotic disorder)	1	0	0	0
White mold (Sclerotinia sp./spp.)	1	0	0	0
Spruce (Picea sp./spp.) (Host,Diagnosis/ID) (5,13)				
Chemical injury (Abiotic disorder)	0	0	1	0
Eastern spruce gall adelgid (Adelges abietis)	1	0	0	0
No insect found (Identification Analysis)	1	0	0	0
Pestalotiopsis needle blight; Tip blight (Pestalotiopsis sp./spp.)	1	0	0	0
Pine and spruce gall aphids (Family Adelgidae)	1	0	0	0
Spruce spider mite (Oligonychus ununguis)	1	0	0	0
Stigmina needle blight (Stigmina lautii)	1	0	0	0
Sudden needle drop: spruce needle drop (Setomelanomma holmii)	3	0	0	0
Unidentified caterpillar (Unidentified Caterpillar)	1	0	0	0
Winter injury (Abiotic disorder)	0	0	2	0
Squash (Cucurbita sp./spp.) (Host,Diagnosis/ID) (1,3)				
Coreid squash bug (Anasa sp./spp.)	1	0	0	0
Fertilizer injury (Abiotic disorder)	0	0	1	0
No pathogen found (Identification Analysis)	1	0	0	0
Strawberry (Fragaria sp./spp.) (Host,Diagnosis/ID) (2,4)				
Mycosphaerella leaf spot (Mycosphaerella sp./spp.)	1	0	0	0
No pathogen found (Identification Analysis)	0	0	0	0
Spider mites (Family Tetranychidae)	1	0	0	0
Strawberry angular leaf spot (Xanthomonas fragariae)	0	0	1	0
Sugar Maple (Acer saccharum) (Host,Diagnosis/ID) (3,10)				
Anthraxnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	0
Aphids; Plant lice (Family Aphididae)	2	0	0	0
Maple anthracnose (Aureobasidium apocryptum)	1	0	0	0
Maple tar spot (Rhytisma acerinum)	0	0	1	0
Maple trumpet skeletonizer (Epinotia aceriella)	0	0	1	0
Phyllosticta leaf spot (Phyllosticta sp./spp.)	2	0	0	0
Septoria leaf spot (Septoria sp./spp.)	1	0	0	0
Unidentified insect egg (Unidentified Insect Egg)	1	0	0	0
Sumac (Rhus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Sumac sawfly (Arge coccinea)	0	0	1	0
Sweet Basil (Ocimum basilicum) (Host,Diagnosis/ID) (1,2)				
Basil Fusarium wilt (Fusarium oxysporum f.sp. basilici)	1	0	0	0
Rhizoctonia root; Crown rot (Rhizoctonia sp./spp.)	1	0	0	0
Sweet Bay; bay laurel (Laurus nobilis) (Host,Diagnosis/ID) (1,1)				
Sooty mold (Unidentified Fungus)	0	0	1	0
Timothy (Phleum pratense) (Host,Diagnosis/ID) (1,2)				
Insect damage (Unidentified Insect)	1	0	0	0
Leaf rust; Rust (Puccinia sp./spp.)	1	0	0	0

Bird droppings ()	1	0	0	0
Blossom end rot (Abiotic disorder)	1	0	0	0
Botrytis fruit rot (Botrytis sp./spp.)	1	0	0	0
Chemical injury (Abiotic disorder)	0	1	0	0
Chemical; Environmental injury (Abiotic disorder)	0	0	1	0
Cottonwood seed ()	1	0	0	0
Cultural/environmental problem (Abiotic disorder)	0	0	1	0
Early blight; Leaf spot (Alternaria solani)	1	0	0	0
Environmental stress; Problem (Abiotic disorder)	1	0	7	0
Heat and water stress (Abiotic disorder)	0	0	1	0
Insect damage (Unidentified Insect)	0	0	1	0
Late blight (Phytophthora infestans)	1	0	0	0
Leaf mold; Spot (Passalora fulva)	1	0	0	0
Leaf scorch (Abiotic disorder)	1	0	1	0
Leaf spot (Abiotic disorder)	0	0	1	0
Leafhoppers (Family Cicadellidae)	1	0	0	0
Mite damage (Unidentified Mite)	0	0	1	0
No insect found (Identification Analysis)	9	0	0	0
No pathogen found (Identification Analysis)	8	0	0	0
Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes; Unspecif.)	1	0	0	0
Oedema; Edema (Abiotic disorder)	3	0	0	0
Penicillium fruit rot (Penicillium sp./spp.)	1	0	0	0
Physiological leaf roll (Abiotic disorder)	0	0	1	0
Powdery mildew (Oidium sp./spp.)	7	0	0	0
Powdery mildew (Unidentified Fungus)	1	0	0	0
Septoria leaf blight (Septoria sp./spp.)	1	0	0	0
Tomato pith necrosis (Pseudomonas sp./spp.)	0	0	1	0
Verticillium wilt (Verticillium sp./spp.)	0	0	1	0
Tomato (Lycopersicon sp./spp.) (Host,Diagnosis/ID) (13,21)				
Bacterial canker (Clavibacter michiganensis michiganensis)	1	0	0	0
Bacterial wilt; Canker; Rot (Clavibacter michiganensis)	1	0	0	0
Environmental stress; Problem (Abiotic disorder)	0	0	1	0
Insect damage (Unidentified Insect)	0	0	1	0
Leaf scorch (Abiotic disorder)	1	0	1	0
Leaf spot (Abiotic disorder)	0	0	1	0
Leaf spot (Unknown cause)	0	1	0	0
Magnesium deficiency (Abiotic disorder)	0	0	2	0
No insect found (Identification Analysis)	1	0	0	0
No pathogen found (Identification Analysis)	2	0	0	0
Non-pathogenic; Saprophyte (Secondary Agents; Saprophytes;	1	0	0	0

Unspecif.)				
Oedema; Edema (Abiotic disorder)	1	0	0	0
Powdery mildew (Oidium sp./spp.)	2	0	0	0
Septoria leaf spot (Septoria lycopersici)	1	0	0	0
Turfgrass (Turfgrass mixed species) (Host,Diagnosis/ID) (1,1)				
Dead man's fingers (Xylaria polymorpha)	0	0	1	0
Unknown Weeds; unknown plants (Mixed species) (Host,Diagnosis/ID) (13,13)				
Additional sample requested (Identification Analysis)	0	0	0	1
Crabapple (Malus sp./spp.)	0	0	2	0
False solomon's seal (Smilacina racemosa)	1	0	0	0
Fleabane (Erigeron sp./spp.)	1	0	0	0
Perennial sowthistle (Sonchus arvensis)	1	0	0	0
Persicaria virginiana ()	1	0	0	0
Pinks (Family Caryophyllaceae)	1	0	0	0
Quackgrass (Elytrigia (Elymus) repens)	1	0	0	0
Star-of-bethlehem (Ornithogalum umbellatum)	2	0	0	0
Veratrum viride ()	1	0	0	0
Wild geranium (Geranium maculatum) ()	1	0	0	0
Unknown; No site specified (No site specified) (Host,Diagnosis/ID) (1,1)				
Formicid ant (Solenopsis sp./spp.)	1	0	0	0
Vegetables (Mixed species) (Host,Diagnosis/ID) (1,1)				
Springtails (Order Collembola)	1	0	0	0
Watercress (Nasturtium officinale) (Host,Diagnosis/ID) (1,2)				
Common thrips (Family Thripidae)	1	0	0	0
No pathogen found (Identification Analysis)	1	0	0	0
Weeping Willow (Salix sepulcralis) (Host,Diagnosis/ID) (1,2)				
Willow black canker (Colletotrichum salicis)	1	0	0	0
Willow leaf blight; Scab (Venturia saliciperda)	1	0	0	0
Wheat (Triticum sp./spp.) (Host,Diagnosis/ID) (1,2)				
Covered smut (Ustilago avenae)	1	0	0	0
Loose smut (Wheat; Rye) (Ustilago tritici)	1	0	0	0
White Ash (Fraxinus americana) (Host,Diagnosis/ID) (2,7)				
Alternaria leaf blight (Alternaria sp./spp.)	1	0	0	0
Discula anthracnose (Discula sp./spp.)	2	0	0	0
Leaf spot (Botryosphaeria sp./spp.)	1	0	0	0
Leaf spot (Marssonina sp./spp.)	2	0	0	0
Unspecified pathology (Alternaria sp./spp.)	1	0	0	0
White Clover (Trifolium repens) (Host,Diagnosis/ID) (1,1)				
Clover rust (Uromyces trifolii)	0	0	1	0
Willow (Salix sp./spp.) (Host,Diagnosis/ID) (3,7)				
Anthrachnose (Unidentified Fungus)	1	0	0	0

Gypsy moth egg mass ()	0	0	1	0
Insect damage (Unidentified Insect)	1	0	0	0
Mushroom (Unidentified Fungus)	0	0	0	1
Scale insects (Order Homoptera)	1	0	0	0
Willow leaf blight; Scab (Venturia saliciperda)	1	0	0	0
Wood boring insect damage (Unidentified Wood Boring Insect)	1	0	0	0
Yew (Taxus sp./spp.) (Host,Diagnosis/ID) (1,1)				
Tip blight (Kabatina sp./spp.)	1	0	0	0
Zinnia (Zinnia sp./spp. hybrids) (Host,Diagnosis/ID) (1,2)				
Common thrips (Family Thripidae)	1	0	0	0
White mold (Sclerotinia sp./spp.)	1	0	0	0