Plant Diagnostic Clinic
2025 Annual report

University of Vermont Extension
College of Agriculture and Life Sciences

Plant Diagnostic Clinic

Ann Hazelrigg, Ph.D. - PDC Director, Extension Professor
Giovanna Sassi, Ph.D. – Plant Disease Diagnostician

The University of Vermont Plant Diagnostic Clinic 2025 Annual Report

Executive Summary

In 2025, the University of Vermont Plant Diagnostic Clinic (UVM-PDC) strengthened regional plant disease detection and response capacity through implementation of new diagnostic protocols, successful National Plant Diagnostic Network (NPDN) accreditation audit, and targeted investment in molecular diagnostic infrastructure. The clinic processed 582 samples, the second-highest annual volume since 2017, serving growers, researchers, Extension specialists, and other stakeholders across Vermont and the northeastern United States. Diagnostic activity focused primarily on fungal and bacterial diseases, seed health testing, and survey-driven diagnostics in hemp, strawberry, and small grains, supporting both pathogen detection and verification of disease absence. Collectively, these activities advanced early detection, surveillance, and applied decision-making in support of agricultural productivity, seed system integrity, and plant biosecurity.

Results and Operations Narrative

Diagnostic Capacity and Accreditation

The UVM-PDC enhanced regional disease detection and response capacity in 2025 through the implementation of several new diagnostic protocols, including bacterial pathogen testing in dry beans, squash and hemp seed pathogen testing, and electron microscopy and microbiome-based analyses of degradation in hemp fiber. In parallel, the clinic successfully completed a comprehensive audit of its quality management system (QMS), including quality procedures, work instructions, and standardized forms, and achieved laboratory accreditation through the National Plant Diagnostic Network (NPDN), becoming the 11th laboratory nationwide to attain this designation.

In support of expanded diagnostic capacity, the UVM-PDC secured more than $82,000 in new laboratory equipment through the USDA APHIS ARPA program. This investment provides essential infrastructure for molecular diagnostic testing, strengthening the clinic's ability to detect, confirm, and respond to plant health threats of regional and national significance. Building on newly implemented protocols, NPDN accreditation, and molecular infrastructure, the clinic is positioned to address Vermont's plant diseases, core NPDN priorities, including early detection of high-consequence and regulated pests, surge diagnostic capacity during outbreak events, and workforce training and protocol standardization.

Sample Volume and Temporal Trends

The UVM-PDC processed 582 submitted samples between 01/01/2025 and 12/31/2025, representing the second-highest annual sample volume recorded since documentation began in 2017 through the Plant Diagnostic Information System (PDIS) and the National Data Repository (NDR) (Figure 1; Table 1). Submissions peaked in May 2025, with 157 samples (26.9%) processed during that month. The 48-sample decrease relative to 2024 (630 samples) is likely attributable to the absence of insect identification samples from the Cooperative Agricultural Pest Survey (CAPS), which was not conducted in summer 2025 due to loss of program funding.

Stakeholder Engagement

The clinic served a diverse stakeholder base across Vermont and the northeastern United States. Researchers and Extension specialists comprised the largest client group (48.8%; 284 samples), followed by growers and farmers (34.9%; 203 samples). Additional submissions were received from arborists (7.7%; 45 samples), homeowners/home gardeners (3.6%; 21 samples), nurseries (1.0%; 6 samples), and greenhouse/hydroponic operations (0.9%; 5 samples). Smaller numbers of submissions were received from municipalities, individuals, and agents/educators (0.3%; 2 samples each), with a single submission (0.2%) from a landscaper. Client type was left blank for 1.9% (11 samples) (Figure 2; Table 2). Although representing the smallest proportion of submissions, homeowner samples constitute an under-served audience with strong potential for targeted outreach, diagnostic education, and relationship-building through future Extension engagement and plant health programming.

Geographic Distribution

Most submissions (90.6%; 527 samples) originated from 13 of Vermont's 14 counties, with Essex County unrepresented, highlighting an opportunity for targeted outreach. Grand Isle County accounted for the largest share (43.8%; 255 samples), followed by Chittenden County (18.0%; 105 samples) (Table 3). Out-of-state submissions represented 9.4% (55 samples) and originated from Maine (1.4%; 8 samples), New Hampshire (3.6%; 21 samples), and New York (4.5%; 26 samples) (Figure 3; Table 3).

Diagnostic Requests and Categories

Plant disease identification dominated clinic activity (89.9%; 523 samples), with 7.2% (42 samples) requiring multiple diagnostic services (biotic/abiotic assessment, microscopy, EcoPlate assays). Diagnosis-needed: blank entries comprised 2.2% (14 samples) and largely reflected photo-based submissions (6 samples) or incomplete forms. Plant/weed identification accounted for 0.3% (2 samples), while mushroom and insect identification each represented 0.2% (1 sample) (Figure 4; Table 4). Submissions were predominantly associated with fungal and bacterial diseases (Figure 5; Table 5). Samples with suspected fungal pathogens comprised 40.2% (234 samples), and field disease surveys involving multiple suspected fungal and/or bacterial pathogens comprised 33.7% (196 samples). Seed pathogen testing accounted for 16.3% (95 samples), and microbial degradation of hemp fiber represented 7.2% (42 samples). All other categories—insects, virus/viroid, weeds, bacteria, oomycetes, senescence/genetic/developmental issues, and abiotic stress/phytotoxicity—each represented ≤0.7% of submissions.

Extension and Commercial Classification

Extension non-commercial samples comprised 49.1% (286 samples) and included collaborative research and Extension activities such as seedborne pathogen surveys in organic grains, strawberry whole-plant and fruit disease surveys, dry bean diagnostics, and fiber hemp and hemp seed health assessments (Figure 6; Table 6). Extension commercial submissions accounted for 23.9% (139 samples) and included diagnostics from commercial producers directly supported through Extension programming, on-farm trials, consultations, and regional disease monitoring. Non-Extension commercial submissions represented 22.3% (130 samples), while non-Extension, non-commercial homeowner submissions represented 4.6% (27 samples).

Sample Material and Host Categories

Nearly all submissions were physical samples (99.0%; 576 samples), with 1.0% (6 samples) submitted as digital-only photographs (Figure 7; Table 7). Submissions spanned a broad range of host categories (Figure 8; Table 8), led by field crops (22.3%; 130 samples) and small fruit (22.0%; 128 samples), followed by small grains (17.5%; 102 samples). Additional categories included annual crops (8.2%), vegetables (7.4%), woody ornamentals (evergreen 6.9%, deciduous 4.6%), fruit trees (5.5%), perennials (4.1%), and Christmas trees (1.0%). Most samples consisted of fruit/seed tissues (32.0%), entire plants (27.2%), and leaves/needles (21.3%), with smaller proportions of branches/twigs, stems, roots, and bulbs (Figure 9; Table 9).

Diagnostic Methods and High-Volume Hosts

Diagnostic determinations relied primarily on visual observation (31.2%), microscopy (31.1%), and incubation (29.4%), with targeted use of culturing, biochemical assays, tissue analysis, and electron microscopy (Figure 10; Table 10). This distribution reflects an integrated, QMS-documented diagnostic framework consistent with NPDN standards.
High-volume diagnostic activity was concentrated in hemp, strawberry, and small grains (Table 11). Hemp testing involved repeated seed-rot and seedling-disease panels (often 75 samples per target) with confirmed detections of *Alternaria spp., Cladosporium spp., Penicillium spp., Fusarium spp., Rhizoctonia spp.,* and unidentified fungi and bacteria, alongside meaningful "not detected" outcomes. Strawberry diagnostics focused on root and crown disease complexes such as Phytophthora fragariae (red stele) and black root rot complexes, as well as insect damage. Wheat and barley diagnostics emphasized surveillance for *Bipolaris/Pyrenophora* complexes, Fusarium seed and head blight, smuts (*Ustilago spp*.), glume blotch (*Stagonospora nodorum*), and ergot (*Claviceps spp.),* with "not detected" results documenting disease absence.

Extension Mission

The UVM-PDC remains committed to the Extension mission of the land-grant university system by delivering science-based plant disease, seed pathogen, and invasive plant diagnostic services that support agricultural productivity, environmental stewardship, and community well-being. In alignment with UVM Extension's Our Common Ground principles, the clinic promotes access, collaboration, integrity, and public service through unbiased diagnostics, strong partnerships, and early detection of plant health threats. The clinic serves Vermont stakeholders and welcomes submissions from out-of-state clients, recognizing shared responsibility for protecting plant systems beyond state boundaries.

Following report contains a summary of the samples submitted to the Plant Diagnostic Clinic from 01-01-2025 through 12-31-2025. A total of 582 sample(s) has been processed during this time.

The following is the Sample Submission Breakdown for the Plant Diagnostic Clinic laboratory.
For there are 0 sample(s) pending, 0 sample(s) preliminary, 582 sample(s) completed, 0 sample(s) archived.

Table 1. PERSONNEL CHECKED-IN SAMPLES & CLIENT RESPONSES. **The following Personnel provided checked-in samples to PDIS and NDR for the laboratory from Jan 1, 2025, through Dec 31, 2025.***This section reports sample check-ins performed only by diagnostician at laboratory. This section does not report the submitter check-ins. Hence, this section may not represent the total number of samples processed during this time period.*

Name	Checked-in Sample(s)
Giovanna Sassi	246
Olivia Rist	346

FIGURE 1. A, Sample submissions by Year; B, Sample submissions by Month across years 2017-2025; C, Sample submissions by Month for 2025.

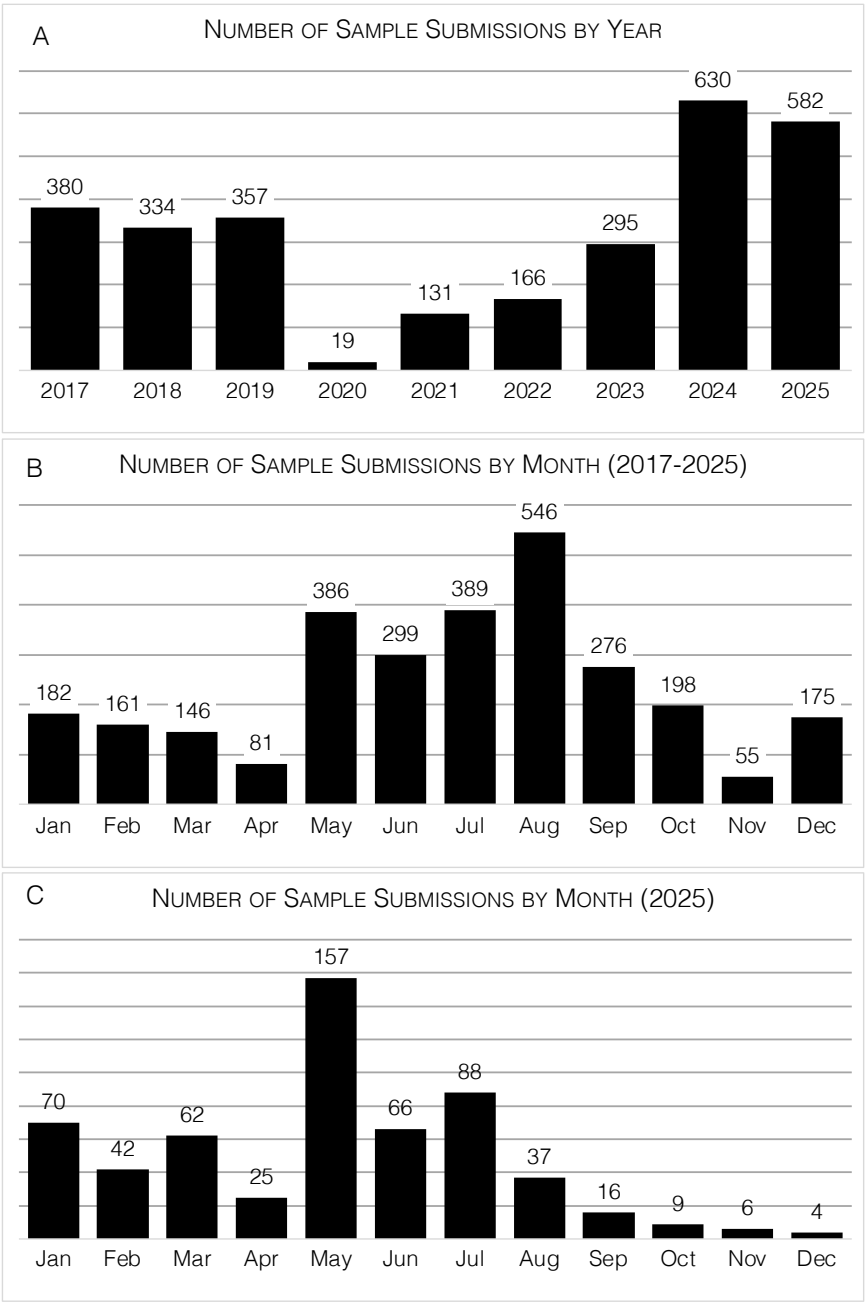

FIGURE 2. Percent of sample submissions by client type in 2025.

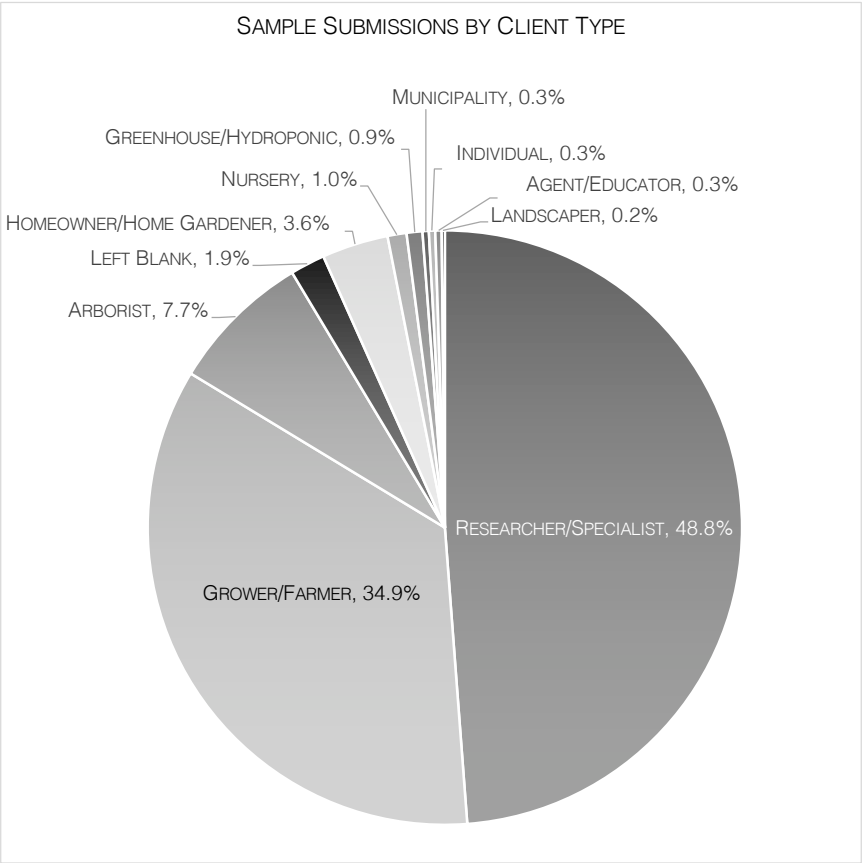

TABLE 2. Number of Sample Submissions by Client Type from Jan 1, 2025, through Dec 31, 2025.*This section reports the number of clients for each client type for the samples submitted during this time period. Each sample may involve one or more clients. Hence, this section does not represent the total number of samples processed during this time period.*

Client Type	Count	%
Researcher/Specialist	284	48.8%
Grower/Farmer	203	34.9%
Arborist	45	7.7%
Left Blank	11	1.9%
Homeowner/Home Gardener	21	3.6%
Nursery	6	1.0%
Greenhouse/Hydroponic	5	0.9%
Municipality	2	0.3%
Individual	2	0.3%
Agent/Educator	2	0.3%
Landscaper	1	0.2%
Total	582	100

FIGURE 3. Percent of sample submissions by state of sample origin in 2025.

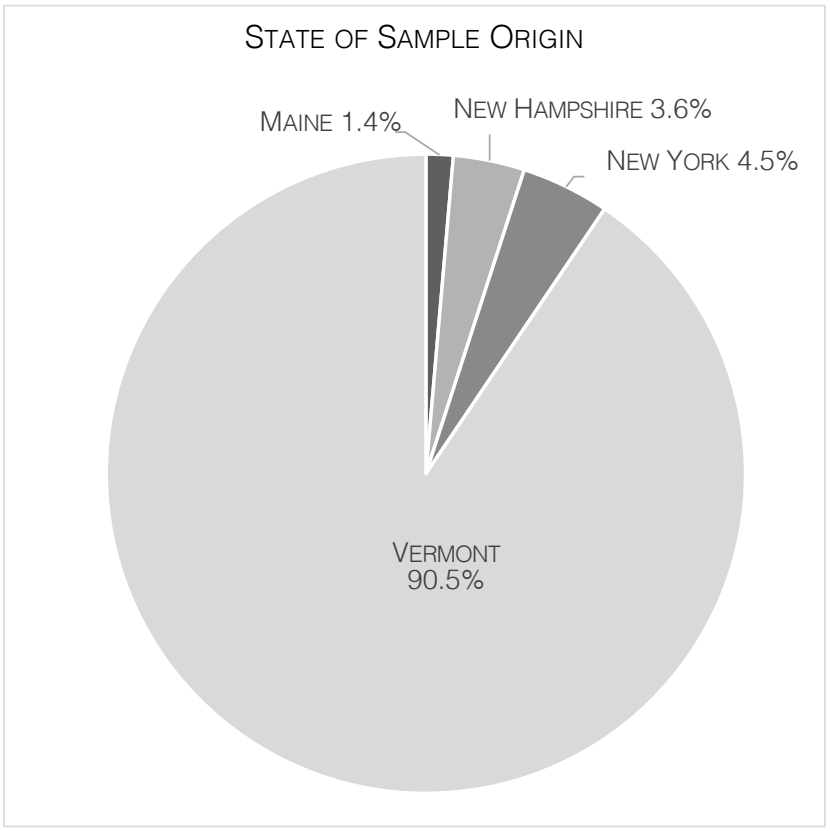

TABLE 3. Samples originated from the following states and counties from Jan 1, 2025, through Dec 31, 2025.*This section reports the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.*

State	County	Number of Samples	%
ME	Piscataquis	8	1.4%
ME	STATE TOTAL	8	1.4%
NH	Sullivan	21	3.6%
NH	STATE TOTAL	21	3.6%
NY	Essex	1	0.2%
NY	Putnam	1	0.2%
NY	Ulster	24	4.1%
NY	STATE TOTAL	26	4.5%
VT	Addison	39	6.7%
VT	Bennington	2	0.3%
VT	Caledonia	19	3.3%
VT	Chittenden	105	18.0%
VT	Franklin	40	6.9%
VT	Grand Isle	255	43.8%
VT	Lamoille	11	1.9%
VT	Orange	6	1.0%
VT	Orleans	15	2.6%
VT	Rutland	1	0.2%
VT	Washington	26	4.5%
VT	Windham	4	0.7%
VT	Windsor	4	0.7%
VT	STATE TOTAL	527	90.5%
GRAND TOTAL		582	100%

FIGURE 4. Percent of sample submissions by type of diagnosis needed in 2025.

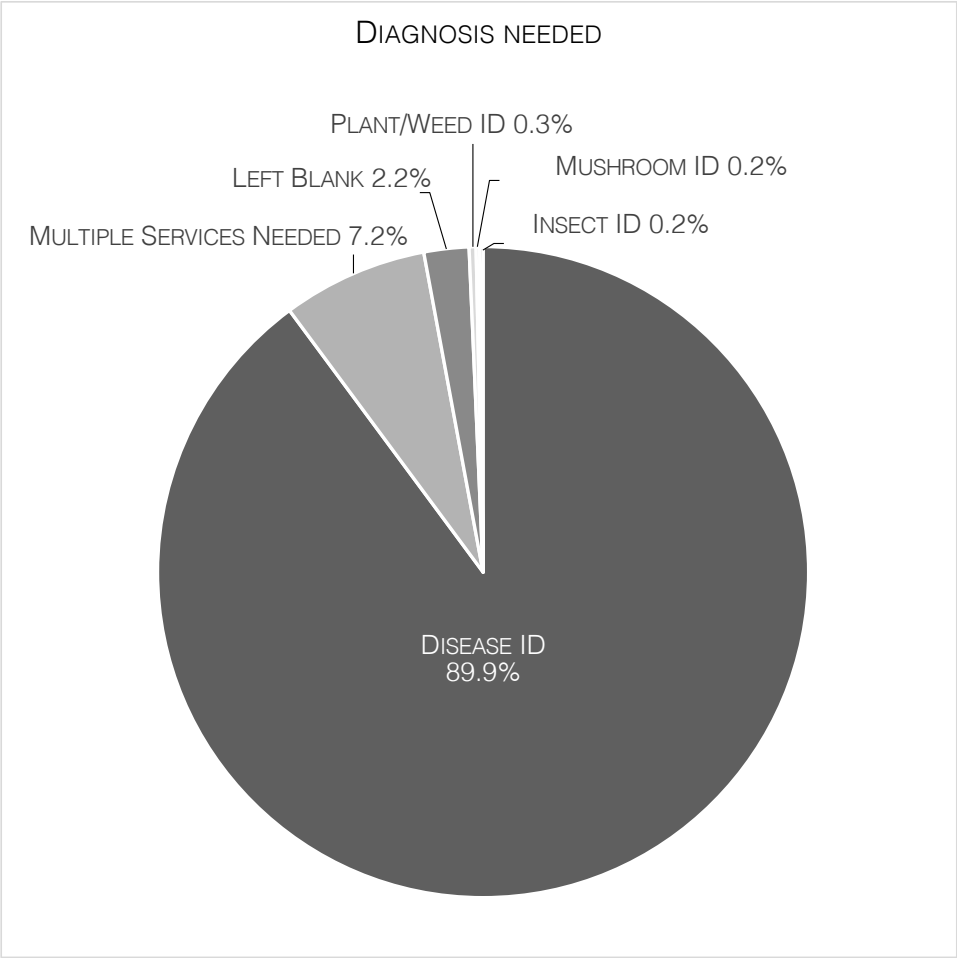

TABLE 4. Number of Sample Submissions by Diagnosis Needed from Jan 1, 2025, through Dec 31, 2025.*This section reports diagnosis needed for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.*

Diagnosis Needed	Number of Samples	%
Disease ID	523	89.9%
Multiple Services Needed	42	7.2%
Left Blank	13	2.2%
Plant/Weed ID	2	0.3%
Mushroom ID	1	0.2%
Insect ID	1	0.2%
Total	582	100.0%

FIGURE 5. Percent of sample submissions by suspected problems in 2025.

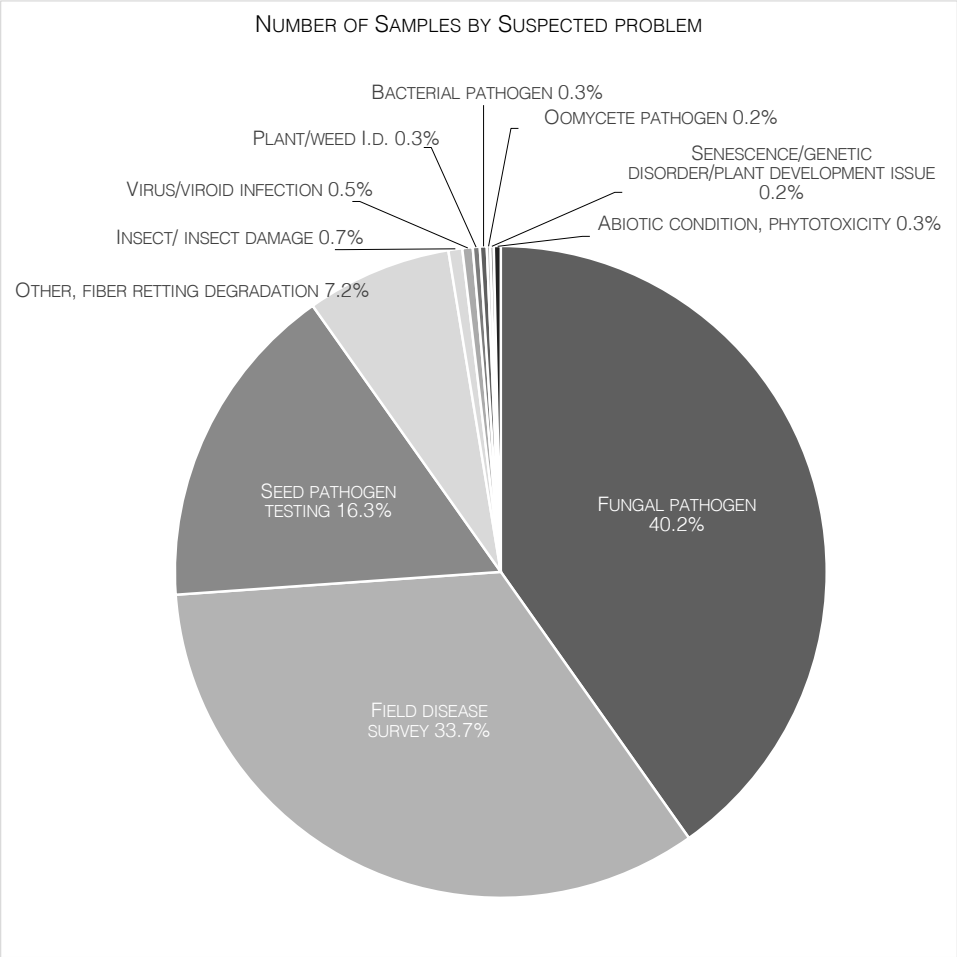

TABLE 5. Number of Sample Submissions by Suspected Problem from Jan 1, 2025, through Dec 31, 2025.*This section reports suspected problem for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.*

Suspected Problem	Number of Samples	%
Fungal pathogen	234	40.2%
Field disease survey	196	33.7%
Seed pathogen testing	95	16.3%
Other, fiber retting degradation	42	7.2%
Insect/ insect damage	4	0.7%
Virus/viroid infection	3	0.5%
Plant/weed I.d.	2	0.3%
Bacterial pathogen	2	0.3%
Oomycete pathogen	1	0.2%
Senescence/genetic disorder/plant development issue	1	0.2%
Abiotic condition, phytotoxicity	2	0.3%
Total	582	100.0%

FIGURE 6. Percent of sample submissions by sample source submitted in 2025.

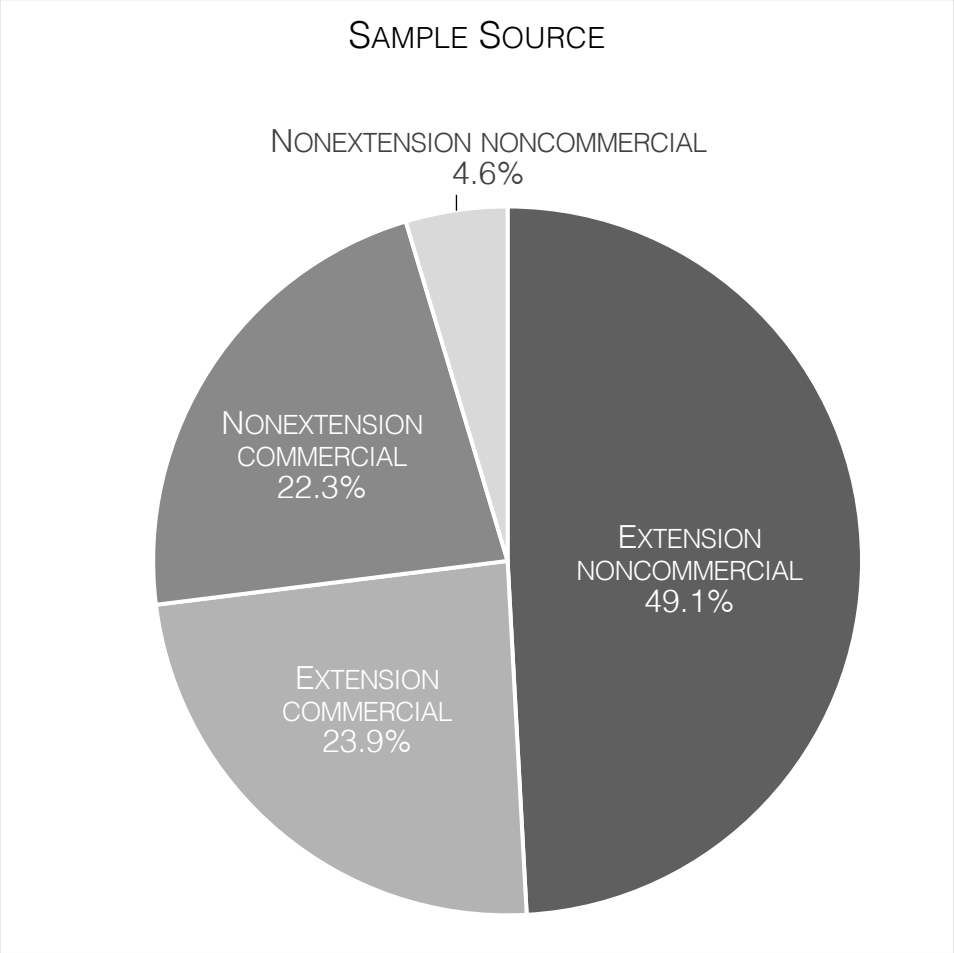

TABLE 6. Number of Sample Submissions by Sample Source from Jan 1, 2025, through Dec 31, 2025.*This section reports sample source for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.*

Sample Source	Number of Samples	%
Extension noncommercial	286	49.1%
Extension commercial	139	23.8%
Nonextension commercial	130	22.3%
Nonextension noncommercial	27	4.6%
Total	583	100.0%

FIGURE 7. Percent of sample submissions by sample type in 2025.

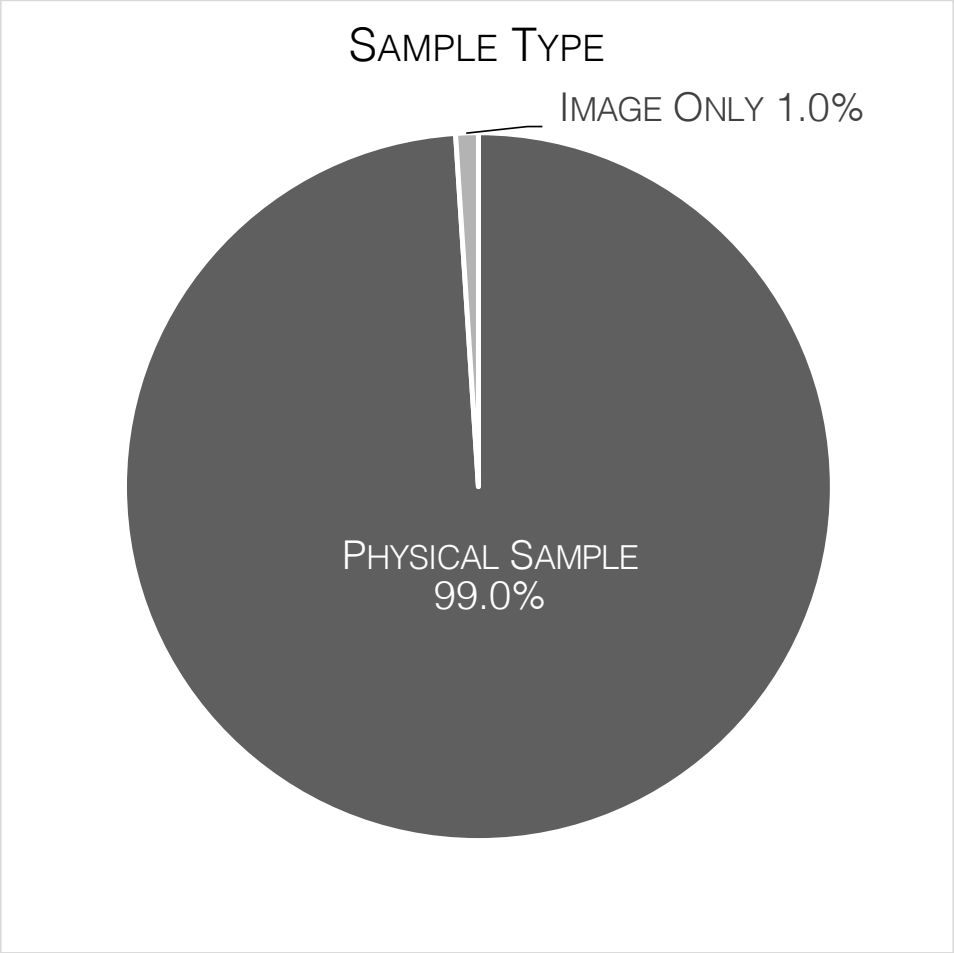

TABLE 7. Number of Sample Submissions by Type of Sample from Jan 1, 2025, through Dec 31, 2025.*This section reports sample type for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period.*

Sample Type	Number of Samples	%
Physical Sample	576	99.0%
Image Only	6	1.0%
Total	582	100.0%

FIGURE 8. Percent of sample submissions by sample category for 2025.

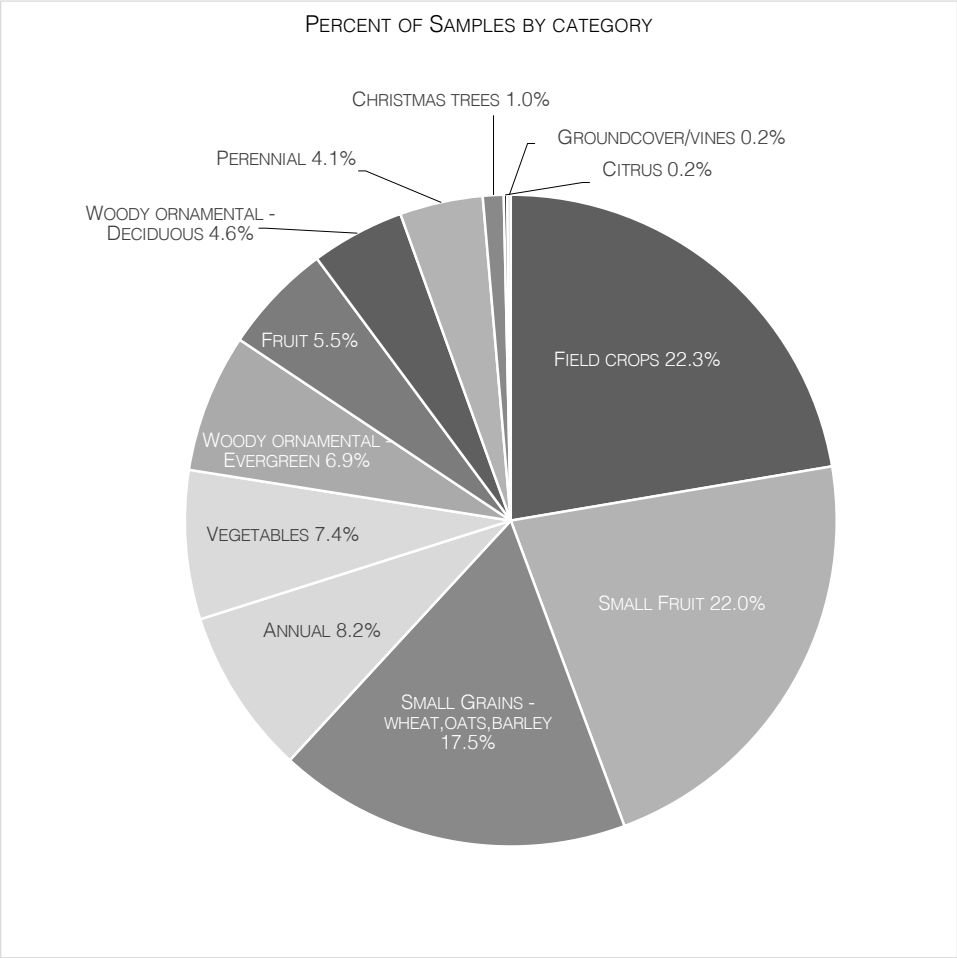

TABLE 8. Number of Sample Submissions by Sample Category from Jan 1, 2025, through Dec 31, 2025.*Notes: This section reports sample category for samples from all statuses. Hence, this section represents the total number of samples processed during this time period.*

Sample Category	Count	%
Field crops	130	22.3%
Small Fruit	128	22.0%
Small Grains - wheat,oats,barley	102	17.5%
Annual	48	8.2%
Vegetables	43	7.4%
Woody ornamental - Evergreen	40	6.9%
Fruit	32	5.5%
Woody ornamental - Deciduous	27	4.6%
Perennial	24	4.1%
Christmas trees	6	1.0%
Citrus	1	0.2%
Groundcover/vines	1	0.2%
Total	582	100.0%

FIGURE 9. Percent of sample submissions by sample material for 2025.

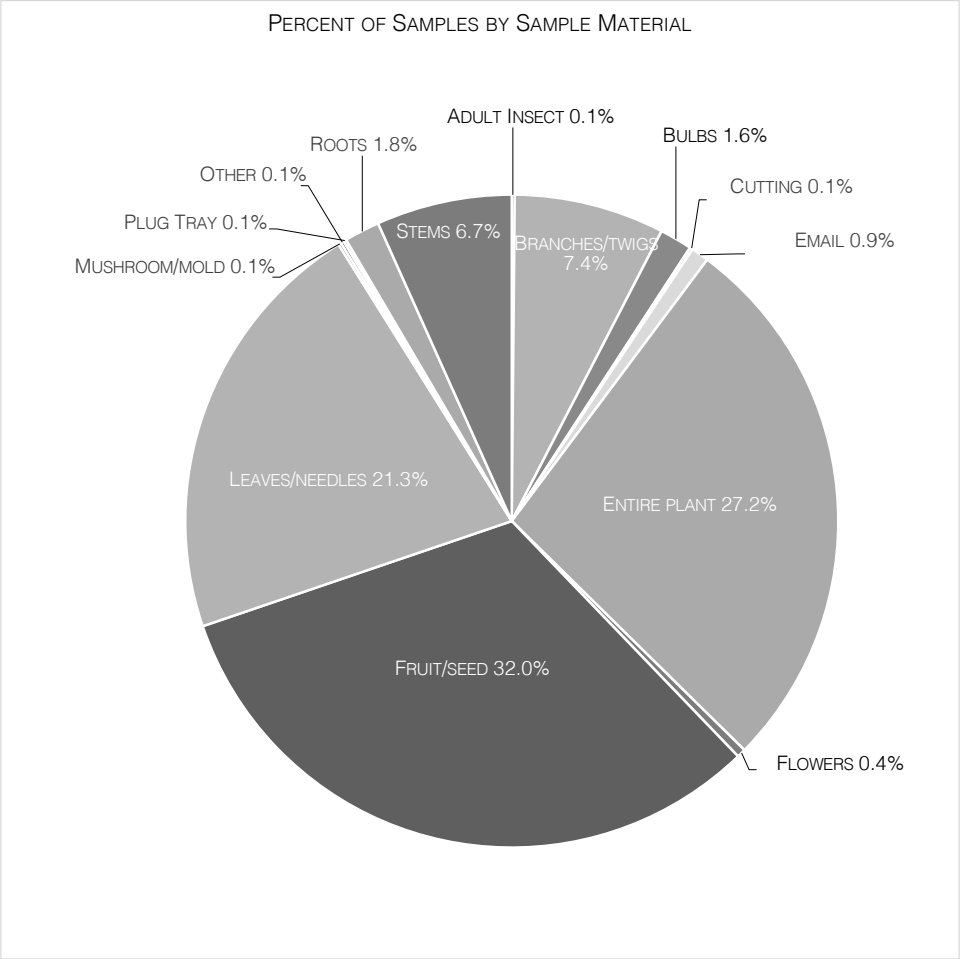

Table 9. Number of Sample Submissions by Sample Material Submitted from Jan 1, 2025, through Dec 31, 2025.*Notes: This section reports sample material submitted for the samples from all statuses. Each sample may have one or more sample materials submitted. Hence, this section does not represent the total number of samples processed.*

Sample Material Submitted	Number of Samples	%
Adult Insect	1	0.1%
Branches/twigs	51	7.4%
Bulbs	11	1.6%
Cutting	1	0.1%
Email	6	0.9%
Entire plant	186	27.2%
Flowers	3	0.4%
Fruit/seed	219	32.0%
Leaves/needles	146	21.3%
Mushroom/mold	1	0.1%
Other	1	0.1%
Plug Tray	1	0.1%
Roots	12	1.8%
Stems	46	6.7%
	685	100.0%

FIGURE 10. Percent of sample submissions diagnosed by lab method for 2025.

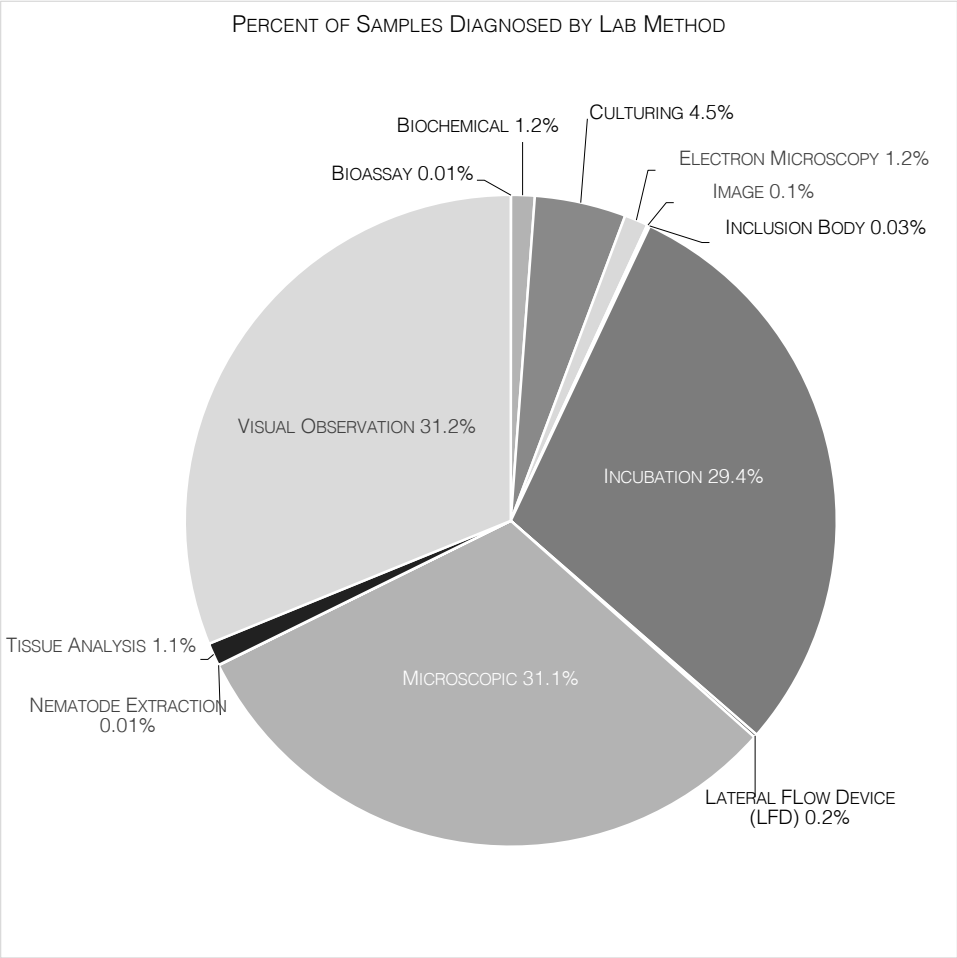

Table 10. Frequency of lab method used for diagnostic determination.

Lab Method	Lab Method Abbreviation	Count	%
Bioassay	BAS	1	0.0%
Biochemical	BCH	84	1.2%
Culturing	CLT	326	4.5%
Electron Microscopy	ELM	84	1.2%
Image	IMG	8	0.1%
Inclusion Body	INC	2	0.0%
Incubation	INU	2114	29.4%
Lateral FLow Device (LFD)	LFD	12	0.2%
Microscopic	MIC	2240	31.1%
Nematode Extraction	NME	1	0.0%
Tissue Analysis	TAN	82	1.1%
Visual Observation	VIS	2242	31.2%
Total Methods		7196	100.0%

Table 11. Number of Sample Submissions and Diagnosis/ID by Host/Habitat from Jan 1, 2025, through Dec 31, 2025.

Host Name	Pest Name	Confirmed	Not Detected	Suspected	Total
Allium; Onions; leeks; garlic (Allium sp./spp.)	Brown patch (Rhizoctonia sp./spp.)	1	0	0	1
Allium; Onions; leeks; garlic (Allium sp./spp.)	Secondary fungus (Unidentified Fungus)	0	0	1	1
Allium; Onions; leeks; garlic (Allium sp./spp.)	Crown and stem rot (Fusarium sp./spp.)	1	0	0	1
Amaranth (Chenopodium sp./spp.)	Crown and stem rot (Fusarium sp./spp.)	1	0	0	1
American Beech (Fagus grandifolia)	Beech Leaf Disease (Litylenchus crenatae)	0	0	1	1
American Chestnut (Castanea dentata)	Chestnut blight (Cryphonectria parasitica)	0	0	1	1
American Chestnut (Castanea dentata)	Canker (Cryptodiaporthe sp./spp.)	0	0	1	1
American Hornbeam (Carpinus caroliniana)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Arborvitae (Thuja sp./spp.)	Pestalotiopsis needle blight; Tip blight (Pestalotiopsis sp./spp.)	0	0	1	1
Arborvitae (Thuja sp./spp.)	Winter injury (Abiotic disorder)	0	0	1	1
Ash (Fraxinus sp./spp.)	Discula anthracnose (Discula sp./spp.)	1	0	0	1
Ash (Fraxinus sp./spp.)	Needle blight; Leaf blight (Botryosphaeria sp./spp.)	0	0	1	1
Balloon Flower (Platycodon sp./spp.)	Sclerotinia stem/ crown or root rot (Sclerotinia trifoliorum)	0	0	1	1
Balsam Fir (Abies balsamea)	Spruce needle cast (Stigmina sp./spp.)	1	0	0	1
Balsam Fir (Abies balsamea)	Crown rot; Root rot; Stem rot (Phytophthora sp./spp.)	1	0	0	1
Balsam Fir (Abies balsamea)	Needle cast (Lirula sp./spp.)	1	0	0	1
Balsam Fir (Abies balsamea)	Root rot (Phytophthora sp./spp.)	1	0	0	1
Balsam Fir (Abies balsamea)	Balsam twig aphid (Mindarus pinicola (abietinus))	0	0	1	1
Balsam Fir (Abies balsamea)	Rhizosphaera needle cast (Rhizosphaera sp./spp.)	4	0	0	4
Balsam Fir (Abies balsamea)	Root problems (Abiotic disorder)	0	0	1	1
Balsam Fir (Abies balsamea)	Annosus root rot (Heterobasidion sp./spp.)	0	0	1	1
Balsam Fir (Abies balsamea)	Armillaria root rot (Armillaria sp./spp.)	1	0	0	1
Balsam Fir (Abies balsamea)	Dothistroma needle blight (Dothistroma sp./spp.)	1	0	0	1
Barley (Hordeum sp./spp.)	Cereal/ grass disease (Bipolaris sp./spp.)	15	9	0	24
Barley (Hordeum sp./spp.)	Pink snow mold; Fusarium patch (Microdochium nivale)	6	18	0	24
Barley (Hordeum sp./spp.)	Glume blotch (Stagonospora nodorum)	5	19	0	24
Barley (Hordeum sp./spp.)	Secondary fungus (Unidentified Fungus)	24	0	0	24
Barley (Hordeum sp./spp.)	Fusarium seed rot (Decay) (Fusarium sp./spp.)	21	3	0	24
Barley (Hordeum sp./spp.)	Helminthosporium diseases (Pyrenophora sp./spp.)	20	4	0	24
Barley (Hordeum sp./spp.)	Barley loose smut (Ustilago nuda f.sp. hordei)	24	0	0	24
Beech (Fagus sp./spp.)	Decline; Dieback (Abiotic disorder)	0	0	1	1
Blue Spruce (Picea pungens)	Rhizosphaera needle cast (Rhizosphaera kalkhoffii)	1	0	0	1
Blue Spruce (Picea pungens)	Rhizosphaera needle cast (Rhizosphaera sp./spp.)	1	0	0	1
Blue Spruce (Picea pungens)	Winter injury (Abiotic disorder)	1	0	0	1
Blue Spruce (Picea pungens)	Dothistroma needle blight (Dothistroma sp./spp.)	1	0	0	1
Blue Spruce (Picea pungens)	Stigmina needle blight (Stigmina lautii)	1	0	0	1
Blue Spruce (Picea pungens)	Spruce bud scale (Physokermes sp./spp.)	0	0	1	1
Blue Spruce (Picea pungens)	Eastern spruce gall adelgid (Adelges abietis)	0	0	1	1
Blueberry (Vaccinium sp./spp.)	Stem canker (Colletotrichum sp./spp.)	0	0	1	1
Blueberry (Vaccinium sp./spp.)	Canker; Stem blight; Dieback (Botryosphaeria dothidea)	4	0	0	4
Blueberry (Vaccinium sp./spp.)	Anthracnose (Colletotrichum sp./spp.)	2	0	0	2
Boxwood (Buxus sp./spp.)	Boxwood psyllid (Psylla buxi)	1	0	2	3
Boxwood (Buxus sp./spp.)	Undetermined injury (Unidentified agent)	0	0	1	1
Boxwood (Buxus sp./spp.)	Volutella leaf blight; Dieback (Volutella sp./spp.)	2	0	0	2
Boxwood (Buxus sp./spp.)	Boxwood mite (Eurytetranychus buxi)	0	0	1	1
Boxwood (Buxus sp./spp.)	Boxwood leafminer (Monarthropalpus flavus)	1	0	0	1
Broccoli (Brassica oleracea var. botrytis)	Rhizoctonia damping off (Rhizoctonia sp./spp.)	0	0	1	1
Bur Oak (Quercus macrocarpa)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Bur Oak (Quercus macrocarpa)	Bur oak blight (Tubakia iowensis)	1	0	0	1
Bur Oak (Quercus macrocarpa)	Discula anthracnose (Discula sp./spp.)	1	0	0	1
Cedar (Cedrus sp./spp.)	Insect damage (Class Insecta)	1	0	0	1
Cedar (Cedrus sp./spp.)	Leaf spot (Pestalotiopsis sp./spp.)	1	0	0	1
Cherry (Prunus sp./spp.)	Unknown (Unidentified Agent)	0	0	1	1
Cherry (Prunus sp./spp.)	Unknown abiotic disorder (Abiotic disorder)	0	0	1	1
Common Juniper (Juniperus communis)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Crabapple (Malus sp./spp.)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Crabapple (Malus sp./spp.)	Cedar-apple rust (Gymnosporangium juniperi-virginianae)	0	0	1	1
Crabapple (Malus sp./spp.)	Scab (Venturia sp./spp.)	1	0	0	1
Crabapple (Malus sp./spp.)	Dieback; Canker; Twig blight (Botryosphaeria sp./spp.)	0	0	1	1
Crabapple (Malus sp./spp.)	Cedar-quince rust (Gymnosporangium clavipes)	0	0	1	1
Cucumber (Cucumis sativus)	Downy mildew (Pseudoperonospora sp./spp.)	0	0	1	1
Cucumber (Cucumis sativus)	Fusarium stem rot; Fusarium stalk rot (Fusarium sp./spp.)	1	0	0	1
Cucumber (Cucumis sativus)	Leaf blight; Leaf spot (Botrytis sp./spp.)	1	0	0	1
Cucumber (Cucumis sativus)	Twospotted spider mite (Tetranychus urticae)	0	0	1	1
Cucumber (Cucumis sativus)	Bacterial leaf spot (Pseudomonas sp./spp.)	0	0	1	1
Cucumber (Cucumis sativus)	Bacterial blight (Erwinia sp./spp.)	0	0	1	1
Cucumber (Cucumis sativus)	Scab (Cladosporium sp./spp.)	1	0	0	1
Cucumber (Cucumis sativus)	Bacterial leaf blight (Pseudomonas sp./spp.)	0	1	0	1
Cucumber (Cucumis sativus)	Alternaria leaf spot (Alternaria sp./spp.)	1	0	0	1
Cucumber (Cucumis sativus)	Verticillium wilt (Verticillium sp./spp.)	1	0	0	1
Cucumber (Cucumis sativus)	Alternaria leaf blight (Alternaria sp./spp.)	1	0	0	1
Cucumber (Cucumis sativus)	Gummy stem blight (Didymella sp./spp.)	1	0	0	1

Host Name	Pest Name	Confirmed	Not Detected	Suspected	Total
Devil's Ivy (Epipremnum aureum)	Bacterial spot (Xanthomonas sp./spp.)	0	0	1	1
Dogwood (Cornus sp./spp.)	Diplocarpon leaf scorch (Diplocarpon sp./spp.)	0	0	1	1
Dogwood (Cornus sp./spp.)	Dogwood anthracnose (Discula destructiva)	1	0	0	1
Dry Bean (Phaseolus vulgaris)	Anthracnose (Colletotrichum sp./spp.)	1	0	0	1
Dry Bean (Phaseolus vulgaris)	Bean halo blight (Bacterial) (Pseudomonas syringae pv. phaseolicol	17	8	0	25
Dry Bean (Phaseolus vulgaris)	Bacterial blight (Pseudomonas savastanoi)	17	8	0	25
Dry Bean (Phaseolus vulgaris)	Bean fuscus blight (Xanthomonas phaseoli fuscans)	12	13	0	25
Dry Bean (Phaseolus vulgaris)	Alternaria leaf and pod spot (Alternaria alternata)	23	2	0	25
Dry Bean (Phaseolus vulgaris)	Ascochyta blight (Ascochyta sp./spp.)	6	18	1	25
Dry Bean (Phaseolus vulgaris)	Anthracnose (Colletotrichum acutatum)	15	10	0	25
Dry Bean (Phaseolus vulgaris)	Common bacterial blight (Xanthomonas campestris pv. phaseoli)	15	10	0	25
Dry Bean (Phaseolus vulgaris)	White mold (Sclerotinia sp./spp.)	17	8	0	25
Dry Bean (Phaseolus vulgaris)	Ashy stem blight (Macrophomina phaseolina)	15	10	0	25
Dry Bean (Phaseolus vulgaris)	Bean angular leaf spot (Pseudocercospora griseola)	2	23	0	25
Dry Bean (Phaseolus vulgaris)	Fusarium pod rot (Fusarium sp./spp.)	19	7	0	26
Dry Bean (Phaseolus vulgaris)	Pink rot (Trichothecium roseum)	6	19	0	25
Dry Bean (Phaseolus vulgaris)	Rhizoctonia pod rot (Rhizoctonia sp./spp.)	17	8	0	25
Eastern Black cherry (Prunus serotina)	Brown rot (Monilia sp./spp.)	0	0	1	1
Eastern White pine (Pinus strobus)	Cedar-quince rust (Gymnosporangium clavipes)	1	0	0	1
Eastern White pine (Pinus strobus)	Tricholoma mushroom (Tricholoma sp./spp.)	1	0	0	1
Eggplant (Solanum melongena)	Verticillium wilt (Verticillium sp./spp.)	1	0	0	1
Fir (Abies sp./spp.)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Fir (Abies sp./spp.)	Rhizosphaera needle cast (Rhizosphaera sp./spp.)	1	0	0	1
Garden Beet (Beta vulgaris)	Cercospora leaf spot (Cercospora sp./spp.)	1	0	0	1
Ginger (Zingiber sp./spp.)	Stem canker (Fusarium sp./spp.)	1	0	0	1
Grape (Vitis sp./spp.)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Gray Birch (Betula populifolia)	Leaf curl (Unidentified Agent)	1	0	0	1
Gray Birch (Betula populifolia)	Cylindrosporium leaf spot (Cylindrosporium sp./spp.)	0	0	1	1
Gray Birch (Betula populifolia)	Spider mite (Tetranychus sp./spp.)	0	0	1	1
Gray Birch (Betula populifolia)	Aphid (Euceraphis sp./spp.)	0	0	1	1
Green Gram (mung bean) (Vigna radiata)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Hemlock ( )	Hemlock scale (Hemiberlesia ithacae)	0	0	1	1
Hemlock (Tsuga sp./spp.)	Sooty mold (Unidentified Fungus)	0	0	1	1
Hemlock (Tsuga sp./spp.)	Insect damage (Class Insecta)	1	0	0	1
Hemp (Cannabis sativa)	Damping off (Rhizopus sp./spp.)	0	0	2	2
Hemp (Cannabis sativa)	Seed rot (Cladosporium sp./spp.)	36	39	0	75
Hemp (Cannabis sativa)	Leaf /stem/twig blight; Rot; Gray mold (Botrytis cinerea)	4	24	0	28
Hemp (Cannabis sativa)	Rhizoctonia soilborne diseases (Rhizoctonia sp./spp.)	15	32	0	47
Hemp (Cannabis sativa)	Seedling diseases (Rhizoctonia solani)	18	11	2	31
Hemp (Cannabis sativa)	Seed rot (Alternaria sp./spp.)	61	14	0	75
Hemp (Cannabis sativa)	Rhizopus rot (Rhizopus sp./spp.)	15	13	0	28
Hemp (Cannabis sativa)	Botrytis blight (Botrytis sp./spp.)	1	46	0	47
Hemp (Cannabis sativa)	Damping off (Fusarium sp./spp.)	2	0	0	2
Hemp (Cannabis sativa)	Secondary fungus (Unidentified Fungus)	69	6	0	75
Hemp (Cannabis sativa)	Unidentified fungus (Unidentified Fungus)	42	0	0	42
Hemp (Cannabis sativa)	Unknown (Unidentified Agent)	0	0	5	5
Hemp (Cannabis sativa)	Penicillium seed rot; Seedling rot (Penicillium sp./spp.)	19	56	0	75
Hemp (Cannabis sativa)	Abnormal root development (Unidentified Agent)	3	0	0	3
Hemp (Cannabis sativa)	Fusarium seed rot (Decay) (Fusarium sp./spp.)	17	58	0	75
Hemp (Cannabis sativa)	Phoma blight; Dieback; Rot (Phoma sp./spp.)	9	66	0	75
Hemp (Cannabis sativa)	Rhizopus blight (Rhizopus sp./spp.)	14	20	0	34
Hemp (Cannabis sativa)	Seed rot; Damping off; Seedling blight (Pythium sp./spp.)	0	0	2	2
Hemp (Cannabis sativa)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Hemp (Cannabis sativa)	Twospotted spider mite (Tetranychus urticae)	2	0	0	2
Hemp (Cannabis sativa)	Unidentified bacteria (Unidentified Bacteria)	42	0	0	42
Holly (Ilex sp./spp.)	Spot anthracnose (Elsinoe sp./spp.)	1	0	0	1
Horse Nettle (Solanum carolinense)	Unknown (Unidentified Agent)	0	1	0	1
Japanese Walnut (Juglans ailantifolia)	Butternut Curculio (Conotrachelus juglandis)	1	0	0	1
Juniper (Juniperus sp./spp.)	Cedar-quince rust (Gymnosporangium clavipes)	1	0	0	1
Kale (Brassica oleracea acephala)	Cabbage stem weevil (Ceutorhynchus pallidactylus)	0	0	1	1
Kale (Brassica oleracea acephala)	Cabbage webworm (Hellula rogatalis)	0	0	1	1
Kale (Brassica oleracea acephala)	Powdery mildew (Erysiphe sp./spp.)	1	0	0	1
Larch (Larix sp./spp.)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Larkspur (Delphinium spp)	Stem rot; Southern blight (Athelia rolfsii)	0	0	1	1
Lettuce (Lactuca sp./spp.)	Alternaria leaf spot (Alternaria sp./spp.)	1	0	0	1
Lettuce (Lactuca sp./spp.)	Syrphid flower fly (Syrphus sp./spp.)	0	0	1	1
Lettuce (Lactuca sp./spp.)	Rhizoctonia bottom rot (Rhizoctonia solani)	1	0	0	1
Lilac (Syringa sp./spp.)	Verticillium wilt (Verticillium sp./spp.)	0	1	0	1
Lilac (Syringa sp./spp.)	Unknown (Unidentified Agent)	1	0	0	1
Lobelia (Lobelia sp./spp.)	Tomato spotted wilt (TSWV) (Tospovirus Tomato Spotted Wilt Virus)	1	0	0	1
Magnolia (Magnolia sp./spp.)	Powdery mildew (Erysiphe sp./spp.)	1	0	0	1
Maple (Acer sp./spp.)	Leaf spot (Marssonina sp./spp.)	0	0	1	1
Maple (Acer sp./spp.)	Maple anthracnose (Aureobasidium apocryptum)	0	0	1	1
Meyer Lemon (Citrus meyeri)	Citrus powdery mildew (Oidium tingitaninum)	1	0	0	1
Meyer Lemon (Citrus meyeri)	Mycosphaerella leaf spot (Mycosphaerella sp./spp.)	1	0	0	1
Mountain Laurel (Kalmia latifolia)	Crown and root rot (Phytophthora sp./spp.)	0	0	1	1
Mountain Laurel (Kalmia latifolia)	Leaf spot (Pseudocercospora kalmiae)	1	0	0	1
Mugo Pine; swiss mountain pine (Pinus mugo)	Unknown (Unidentified Agent)	0	0	1	1

Host Name	Pest Name	Confirmed	Not Detected	Suspected	Total
North. White (american) cedar (Thuja occidentalis)	Insect damage (Class Insecta)	0	0	1	1
North. White (american) cedar (Thuja occidentalis)	Arborvitae needle blight (Phyllosticta thujae)	1	0	0	1
Norway Spruce (Picea abies)	Eastern spruce gall adelgid (Adelges abietis)	0	0	1	1
Norway Spruce (Picea abies)	Swiss needle cast (Phaeocryptopus gaeumanni)	0	0	1	1
Oats (Avena sativa)	Head blight (Fusarium graminearum)	1	0	0	1
Oats (Avena sativa)	Spot blotch (Bipolaris sorokiniana)	1	0	0	1
Pansies (Viola tricolor hortensis)	Root rot (Thielaviopsis sp./spp.)	1	0	0	1
Peach (Prunus persica)	Peach leaf curl (Taphrina deformans)	1	0	0	1
Pepper (Capsicum sp./spp.)	Buckeye fruit and root rot (Phytophthora capsici)	1	0	0	1
Pepper (Capsicum sp./spp.)	Oedema; Edema (Abiotic disorder)	1	0	0	1
Petunias (Petunia sp./spp. hybrids)	Tobacco mosaic (Tobacco Mosaic Virus (TMV))	0	1	0	1
Petunias (Petunia sp./spp. hybrids)	Tomato mosaic (Tomato Mosaic Tobamovirus (ToMV))	0	0	1	1
Pin Oak (Quercus palustris)	Oak spider mite (Oligonychus bicolor)	0	0	1	1
Pine (Pinus sp./spp.)	Lophodermium leaf spot; Needle cast (Lophodermium sp./spp.)	1	0	0	1
Pine (Pinus sp./spp.)	Cecidomyiid gall midge (Thecodiplosis sp./spp.)	0	0	1	1
Pine (Pinus sp./spp.)	Dothistroma needle blight (Dothistroma sp./spp.)	1	0	0	1
Pine (Pinus sp./spp.)	Rhizosphaera needle cast (Rhizosphaera sp./spp.)	1	0	0	1
Plum (Prunus sp./spp.)	Black knot (Apiosporina morbosa)	1	0	1	2
Poinsettia (Euphorbia pulcherrima)	Mechanical damage (Abiotic disorder)	3	0	0	3
Poinsettia (Euphorbia pulcherrima)	Corynespora leaf spot (Corynespora sp./spp.)	3	0	0	3
Potato (Solanum tuberosum)	Early blight; Leaf spot (Alternaria solani)	1	0	0	1
Radicchio (Cichorium sp./spp.)	Bacterial blight (Pseudomonas cichorii)	0	0	1	1
Radicchio (Cichorium sp./spp.)	Drop (Sclerotinia rot) (Sclerotinia sp./spp.)	0	0	1	1
Radicchio (Cichorium sp./spp.)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Red Northern currant (Ribes rubrum)	Currant aphid (Cryptomyzus ribis)	0	0	1	1
Red Northern currant (Ribes rubrum)	Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	0	0	1	1
Red Oaks (Quercus sp./spp. red)	Leaf spot (Tubakia sp./spp.)	0	0	1	1
Red Oaks (Quercus sp./spp. red)	Anthracnose (Gnomonia sp./spp.)	0	0	1	1
Red Pine (Pinus resinosa)	Rhizosphaera needle cast (Rhizosphaera sp./spp.)	1	0	0	1
Rudbeckia (Rudbeckia sp./spp.)	Rudbeckia psyllid (Bactericera antennata)	0	0	1	1
Rudbeckia (Rudbeckia sp./spp.)	Septoria leaf spot (Septoria sp./spp.)	0	0	1	1
Rugosa Rose (Rosa rugosa)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Rye (Secale cereale)	Head blight (Fusarium sp./spp.)	1	2	0	3
Rye (Secale cereale)	Sooty mold; Black dot (Epicoccum sp./spp.)	3	0	0	3
Rye (Secale cereale)	Ergot (Claviceps sp./spp.)	0	3	0	3
Rye (Secale cereale)	Glume blotch (Stagonospora nodorum)	2	1	0	3
Rye (Secale cereale)	Smut (Ustilago sp./spp.)	3	0	0	3
Rye (Secale cereale)	Cereal/ grass disease (Bipolaris sp./spp.)	0	3	0	3
Saffron Crocus (Crocus sativus)	Unknown (Unidentified Agent)	0	0	1	1
Saffron Crocus (Crocus sativus)	Violet root rot (Rhizoctonia crocorum)	1	0	0	1
Saffron Crocus (Crocus sativus)	Bulb rot (Rhizoctonia solani)	3	6	0	9
Saffron Crocus (Crocus sativus)	Cercospora leaf spot (Cercospora sp./spp.)	0	0	1	1
Saffron Crocus (Crocus sativus)	Fusarium dry rot; Bulb rot (Fusarium sp./spp.)	11	1	0	12
Saffron Crocus (Crocus sativus)	Bulb mite (Rhizoglyphus sp./spp.)	2	0	0	2
Saffron Crocus (Crocus sativus)	White mold (Sclerotinia sp./spp.)	3	6	0	9
Salvia; Sage (Salvia sp./spp.)	Crown rot (Rhizoctonia sp./spp.)	0	0	1	1
Salvia; Sage (Salvia sp./spp.)	Alternaria leaf spot (Alternaria sp./spp.)	1	0	0	1
Salvia; Sage (Salvia sp./spp.)	Anthracnose; Colletotrichum leaf spot (Colletotrichum sp./spp.)	1	0	0	1
Salvia; Sage (Salvia sp./spp.)	Fusarium crown rot (Fusarium sp./spp.)	1	0	0	1
Serviceberry (Amelanchier sp./spp.)	Lace bug (Corythucha sp./spp.)	0	0	1	1
Serviceberry (Amelanchier sp./spp.)	Unknown (Unidentified Agent)	0	0	1	1
Snapdragon (Antirrhinum sp./spp. hybrids)	Thrips (Frankliniella sp./spp.)	0	0	1	1
Sour Cherry (Prunus cerasus)	Brown rot (Monilia sp./spp.)	1	0	1	2
Soybean (Glycine max)	Insect damage (Class Insecta)	10	3	0	13
Soybean (Glycine max)	Soybean downy mildew (Peronospora manshurica)	1	0	0	1
Soybean (Glycine max)	Bacterial leaf spot (Unidentified Bacteria)	1	0	0	1
Soybean (Glycine max)	Alternaria leaf spot (Alternaria sp./spp.)	1	0	0	1
Soybean (Glycine max)	Cercospora leaf spot (Cercospora sp./spp.)	5	8	0	13
Soybean (Glycine max)	Alternaria leaf blight (Alternaria sp./spp.)	2	0	0	2
Soybean (Glycine max)	Bacterial blight (Unidentified Bacteria)	1	0	0	1
Soybean (Glycine max)	Unspecified pathology (Didymella sp./spp.)	1	0	0	1
Soybean (Glycine max)	Botrytis blight (Botrytis sp./spp.)	1	0	0	1
Soybean (Glycine max)	Soybean anthracnose (Colletotrichum destructivum)	4	9	0	13
Soybean (Glycine max)	Soybean Phomopsis blight (Diaporthe phaseolorum var. sojae)	2	11	0	13
Spruce (Picea sp./spp.)	Tip blight (Diplodia sp./spp.)	1	0	0	1
Squash (Cucurbita sp./spp.)	Seedling blight (Fusarium sp./spp.)	1	0	0	1
Squash (Cucurbita sp./spp.)	Seed rot (Alternaria sp./spp.)	1	0	0	1
Strawberry (Fragaria sp./spp.)	Anthracnose (Colletotrichum fragariae)	16	1	0	17
Strawberry (Fragaria sp./spp.)	Anthracnose basal rot; Crown rot (Colletotrichum sp./spp.)	4	7	0	11
Strawberry (Fragaria sp./spp.)	Mycosphaerella leaf spot (Mycosphaerella sp./spp.)	0	1	0	1
Strawberry (Fragaria sp./spp.)	Pythium root and/or crown rot (Pythium sp./spp.)	1	0	0	1
Strawberry (Fragaria sp./spp.)	Septoria leaf spot (Septoria sp./spp.)	2	0	0	2

Host Name	Pest Name	Confirmed	Not Detected	Suspected	Total
Strawberry (Fragaria sp./spp.)	Strawberry leather rot (Phytophthora cactorum)	1	0	0	1
Strawberry (Fragaria sp./spp.)	Botrytis fruit rot (Botrytis sp./spp.)	8	2	0	10
Strawberry (Fragaria sp./spp.)	Insects (Class insecta)	0	1	0	1
Strawberry (Fragaria sp./spp.)	Phomopsis leaf spot (Phomopsis sp./spp.)	1	2	0	3
Strawberry (Fragaria sp./spp.)	Strawberry angular leaf spot (Xanthomonas fragariae)	4	24	0	28
Strawberry (Fragaria sp./spp.)	Leaf spot; Blight (Mycosphaerella fragariae)	10	2	1	13
Strawberry (Fragaria sp./spp.)	Unidentified fungus (Unidentified Fungus)	1	0	0	1
Strawberry (Fragaria sp./spp.)	Cladosporium leaf spot (Cladosporium sp./spp.)	2	0	0	2
Strawberry (Fragaria sp./spp.)	Leaf scorch (Diplocarpon fragariae)	3	0	0	3
Strawberry (Fragaria sp./spp.)	Anthracnose (Colletotrichum sp./spp.)	1	1	0	2
Strawberry (Fragaria sp./spp.)	Phomopsis blight (Phomopsis sp./spp.)	0	1	0	1
Strawberry (Fragaria sp./spp.)	Phomopsis leaf blight (Phomopsis obscurans)	7	6	0	13
Strawberry (Fragaria sp./spp.)	Powdery mildew (Sphaerotheca sp./spp.)	1	0	0	1
Strawberry (Fragaria sp./spp.)	Strawberry black root rot complex (Complex of Biotic; Abiotic Factor	22	37	0	59
Strawberry (Fragaria sp./spp.)	Diplocarpon leaf scorch (Diplocarpon sp./spp.)	1	5	0	6
Strawberry (Fragaria sp./spp.)	Powdery mildew (Sphaerotheca macularis)	0	1	0	1
Strawberry (Fragaria sp./spp.)	Red stele disease (Phytophthora fragariae)	27	43	0	70
Strawberry (Fragaria sp./spp.)	Crown rot (Rhizoctonia sp./spp.)	2	0	0	2
Strawberry (Fragaria sp./spp.)	Insect damage (Class Insecta)	20	27	0	47
Strawberry (Fragaria sp./spp.)	Winter injury (Abiotic disorder)	1	15	1	17
Sugar Maple (Acer saccharum)	Maple leafcutter (Paraclemensia acerifoliella)	0	0	1	1
Sunflower (Helianthus sp./spp.)	Head rot (Sclerotinia sclerotiorum)	2	2	0	4
Tomato (Lycopersicon esculentum)	Botrytis blight (Botrytis sp./spp.)	2	0	0	2
Tomato (Lycopersicon esculentum)	Corky root rot (Pyrenochaeta lycopersici)	0	1	0	1
Tomato (Lycopersicon esculentum)	Mold; Mildew (Penicillium sp./spp.)	2	0	0	2
Tomato (Lycopersicon esculentum)	Pink mold (Gliocladium roseum)	2	0	0	2
Tomato (Lycopersicon esculentum)	Oedema; Edema (Abiotic disorder)	2	0	0	2
Tomato (Lycopersicon esculentum)	Late blight (Phytophthora infestans)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Leaf blight; Leaf spot (Botrytis sp./spp.)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Corky root rot (Pyrenochaeta lycopersici)	0	0	1	1
Tomato (Lycopersicon sp./spp.)	Environmental stress; Problem (Abiotic disorder)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Powdery mildew (Oidium sp./spp.)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Botrytis canker (Botrytis sp./spp.)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Twospotted spider mite (Tetranychus urticae)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Tomato pith necrosis (Pseudomonas sp./spp.)	0	0	1	1
Tomato (Lycopersicon sp./spp.)	Bacterial canker (Clavibacter michiganensis michiganensis)	0	3	0	3
Tomato (Lycopersicon sp./spp.)	Oedema; Edema (Abiotic disorder)	1	0	1	2
Tomato (Lycopersicon sp./spp.)	Fusarium wilt; Fusarium wilt complex (Fusarium sp./spp.)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Nutrient imbalance (Abiotic disorder)	0	0	1	1
Tomato (Lycopersicon sp./spp.)	Potato black dot (Colletotrichum coccodes)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Unspecified pathology (Botrytis sp./spp.)	0	0	1	1
Tomato (Lycopersicon sp./spp.)	Alternaria leaf blight (Alternaria sp./spp.)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Cladosporium leaf spot (Cladosporium sp./spp.)	1	0	0	1
Tomato (Lycopersicon sp./spp.)	Darkwinged fungus gnats (Family Sciaridae)	0	0	1	1
Tomato (Lycopersicon sp./spp.)	Verticillium wilt (Verticillium sp./spp.)	1	0	0	1
Tricolor European beech (Fagus sylvatica roseomarginata)	Anthracnose (Apiognomonia sp./spp.)	1	0	0	1
Weeping Cherry (Prunus x snofozam)	Environmental stress; Problem (Abiotic disorder)	0	0	1	1
Wheat (Triticum sp./spp.)	Bipolaris spot blotch (Bipolaris sp./spp.)	4	2	0	6
Wheat (Triticum sp./spp.)	Barley loose smut (Ustilago nuda f.sp. hordei)	15	1	0	16
Wheat (Triticum sp./spp.)	Helminthosporium diseases (Pyrenophora sp./spp.)	5	11	0	16
Wheat (Triticum sp./spp.)	Sooty mold; Black dot (Epicoccum sp./spp.)	48	0	0	48
Wheat (Triticum sp./spp.)	Cereal/ grass disease (Bipolaris sp./spp.)	11	53	0	64
Wheat (Triticum sp./spp.)	Fusarium seed rot (Decay) (Fusarium sp./spp.)	7	9	0	16
Wheat (Triticum sp./spp.)	Pink snow mold; Fusarium patch (Microdochium nivale)	14	8	0	22
Wheat (Triticum sp./spp.)	Secondary fungus (Unidentified Fungus)	16	0	0	16
Wheat (Triticum sp./spp.)	Head blight (Fusarium sp./spp.)	16	32	0	48
Wheat (Triticum sp./spp.)	Barley net blotch (Pyrenophora teres)	1	0	0	1
Wheat (Triticum sp./spp.)	Ergot (Claviceps sp./spp.)	0	48	0	48
Wheat (Triticum sp./spp.)	Glume blotch (Stagonospora nodorum)	16	48	0	64
Wheat (Triticum sp./spp.)	Leaf rust; Rust (Puccinia sp./spp.)	4	0	0	4
Wheat (Triticum sp./spp.)	Loose smut (Wheat; Rye) (Ustilago tritici)	6	0	0	6
Wheat (Triticum sp./spp.)	Smut (Ustilago sp./spp.)	17	31	0	48
Willow (Salix sp./spp.)	Willow black canker (Glomerella miyabeana)	0	0	1	1
Willow (Salix sp./spp.)	Willow leaf blight; Scab (Venturia saliciperda)	0	0	1	1
Willowherb (Epilobium sp./spp.)	Unknown (Unidentified Agent)	0	1	0	1
Yew (Taxus sp./spp.)	Vole Damage (Vertebrate damage)	0	0	1	1

Please contact Giovanna Sassi, PhD or Ann Hazelrigg, PhD with questions or concerns about this report gsassi@uvm.edu, ann.hazelrigg@uvm.edu