

PLANT DIAGNOSTIC CLINIC 2023



THE UNIVERSITY OF VERMONT
EXTENSION



**Plant
Diagnostic
Clinic**

ANN HAZELRIGG, PH.D. -PDC DIRECTOR

GIOVANNA SASSI, PH.D. - POSTDOCTORAL ASSOCIATE

FOLLOWING REPORT CONTAINS A SUMMARY OF THE SAMPLES SUBMITTED TO THE PLANT DIAGNOSTIC CLINIC FROM 01-01-2023 THROUGH 12-31-2023. A TOTAL OF 295 SAMPLE(S) HAVE BEEN PROCESSED DURING THIS TIME.

The following diagnosticians were involved in processing samples for the laboratory from Jan 1, 2023 through Dec 31, 2023. 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.

Diagnosticians
Giovanna Sassi, processed 10 sample(s).

The following Advisory Consultants provided advice for the laboratory from Jan 1, 2023 through Dec 31, 2023. 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.

Advisory Consultants
Ann Hazelrigg, gave advice for 53 sample(s).
Margaret Skinner, gave advice for 3 sample(s).
Sarah Pethysbrigde, gave advice for 1 sample(s).

THE FOLLOWING IS THE SAMPLE SUBMISSION BREAKDOWN FOR THE PLANT DIAGNOSTIC CLINIC LABORATORY. FOR THERE ARE 0 SAMPLE(S) PENDING, 0 SAMPLE(S) PRELIMINARY, 295 SAMPLE(S) COMPLETED, 0 SAMPLE(S) ARCHIVED.

The following Personnel provided checked-in samples for the laboratory from Jan 1, 2023 through Dec 31, 2023. 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.

Name
Gabriella Maia, processed 75 sample(s).
Giovanna Sassi, processed 220 sample(s).

The following Personnel provided Client responses by writing up samples for the laboratory from Jan 1, 2023 through Dec 31, 2023. 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.

Name
Giovanna Sassi, gave advice for 10 sample(s).

TABLE 1. NUMBER OF SAMPLE SUBMISSIONS BY MONTH FROM 01-01-2017 TO PRESENT.

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
2024	19	0	0	0	0	0	0	0	0	0	0	0	19
2023	80	3	7	0	15	12	36	41	41	60	0	0	295
2022	0	35	5	0	0	0	0	0	19	27	15	65	166
2021	0	64	0	0	0	0	0	24	43	0	0	0	131
2020	2	3	4	0	10	0	0	0	0	0	0	0	19
2019	1	3	5	18	38	81	67	69	45	23	4	3	357
2018	4	6	13	18	25	59	68	57	41	34	7	2	334
2017	6	5	12	20	68	60	53	63	53	25	9	6	380
	112	119	46	56	156	212	224	254	242	169	35	76	1701

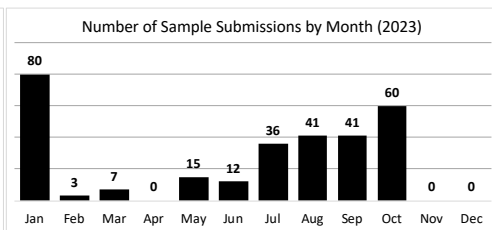
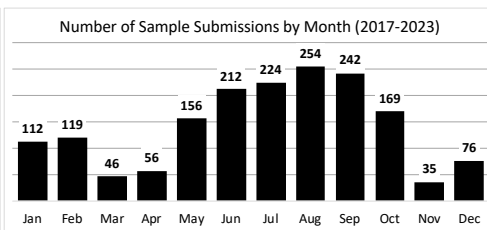
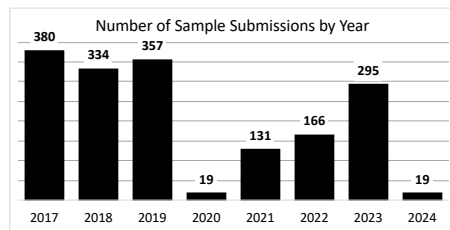


TABLE 2. NUMBER OF SAMPLE SUBMISSIONS BY CLIENT TYPE FROM 01-01-2023 THROUGH 12-31-2023. THIS SECTION REPORTS THE NUMBER OF CLIENTS FOR EACH CLIENT TYPE FOR THE SAMPLES SUBMITTED DURING THIS TIME PERIOD. EACH SAMPLE MAY INVOLVE ONE OR MORE CLIENTS. HENCE, THIS SECTION DOES NOT REPRESENT THE TOTAL NUMBER OF SAMPLES PROCESSED DURING THIS TIME PERIOD.

SAMPLE SUBMISSIONS BY CLIENT TYPE		
CLIENT TYPE	COUNT	%
GROWER/FARMER	117	39
RESEARCHER/SPECIALIST	67	22.34
HOMEOWNER/HOME GARDENER	54	18
LEFT BLANK	30	10
ARBORIST	14	4.66
NURSERY	7	2.34
CROP CONSULTANT	3	1
COMPANY/FIRM	2	0.66
GREENHOUSE/HYDROPONIC	1	0.34
INDIVIDUAL	1	0.34
LANDSCAPER	1	0.34
PARK/SCHOOL/CHURCH GROUNDS	1	0.34
TREE FARM	1	0.34
AGENT/EDUCATOR	1	0.34
TOTAL	300	100

TABLE 3. SAMPLES ORIGINATED FROM THE FOLLOWING STATES AND COUNTIES FROM 01-01-2023 THROUGH 12-31-2023. THIS SECTION REPORTS THE SAMPLES FROM ALL STATUSES. HENCE, THIS SECTION REPRESENTS THE TOTAL NUMBER OF SAMPLES PROCESSED DURING THIS TIME PERIOD.

SAMPLE SUBMISSIONS BY STATE COUNTY		
STATE	COUNTY	NUMBER OF SAMPLES
ME	CUMBERLAND	1
ME	PENOBSCOT	1
ME	STATE TOTAL	2
NH	STRAFFORD	1
NH	STATE TOTAL	1
UNKNOWN	UNKNOWN	1
UNKNOWN	STATE TOTAL	1
VT	ADDISON	29
VT	BENNINGTON	7
VT	CALEDONIA	5
VT	CHITTENDEN	75
VT	FRANKLIN	66
VT	GRAND ISLE	17
VT	LAMOILLE	16
VT	ORANGE	15
VT	ORLEANS	10
VT	RUTLAND	11
VT	UNKNOWN	7
VT	WASHINGTON	18
VT	WINDHAM	9
VT	WINDSOR	6
VT	STATE TOTAL	291
GRAND TOTAL		295

TABLE 4. NUMBER OF SAMPLE SUBMISSIONS BY DIAGNOSIS NEEDED FROM 01-01-2023 THROUGH 12-31-2023.

THIS SECTION REPORTS DIAGNOSIS NEEDED FOR THE SAMPLES FROM ALL STATUSES. HENCE, THIS SECTION REPRESENTS THE TOTAL NUMBER OF SAMPLE S PROCESSED DURING THIS TIME PERIOD.

Sample Submissions by Diagnosis Needed		
Diagnosis Needed	Number of Samples	%
Disease ID	240	81.36
Insect ID	38	12.88
Plant/Weed ID	11	3.72
Other	5	1.70
Left Blank	1	0.34
Total	295	100.00

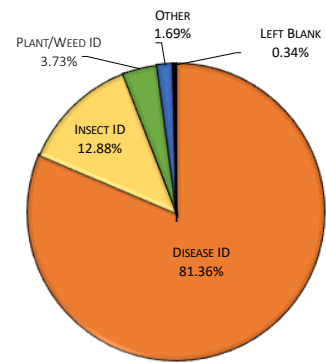


TABLE 5. NUMBER OF SAMPLE SUBMISSIONS BY SUSPECTED PROBLEM FROM 01-01-2023 THROUGH 12-31-2023 .

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	79	26.78
BIPOLARIS	19	6.44
FUSARIUM	11	3.72
STAGONOSPORA LEAF	9	3.06
ANTHRACNOSE	8	2.72
PYRENOPHORA	6	2.04
LEAF SPOTS	5	1.7
RHIZOCTONIA	5	1.7
MITES	5	1.7
ABIOTIC	5	1.7
DIEBACK	5	1.7
DOWNY MILDEW	5	1.7
INSECT INFESTATION	5	1.7
JUMPING WORMS	5	1.7
DAMPING OFF/ROOT ROT	4	1.36
OEDEMA	4	1.36
MOLD	3	1.02
RUST	3	1.02
DOWNY MILDEW	3	1.02
BEETLE	3	1.02
DROUGHT	3	1.02
STEM CANKER	3	1.02
WEEVIL	3	1.02
WINTER INJURY	3	1.02
VIRUS	2	0.68
SPIDER MITES	2	0.68
WEED	2	0.68
STEM MAGGOTS	2	0.68
FRUIT ROT	2	0.68
FUSARIUM	2	0.68
COLD INJURY	2	0.68
CLAVIBACTER	2	0.68
INSECT GALL	2	0.68
ROOT ROT	2	0.68
LEAFSPOT	2	0.68
POWDERY MILDEW	2	0.68
MUMMY BERRY?	2	0.68
ONION MAGGOT	2	0.68
PHYTOPHTHORA	2	0.68
PHYTOTOXICITY	2	0.68
PINEAPPLE WEED	1	0.34
PINK ROOT	1	0.34
PITH DISEASE	1	0.34
POISON HEMLOCK	1	0.34
PEACH LEAF CURL	1	0.34
PHOMOPSIS ?	1	0.34
NECK ROT	1	0.34
NEMATODE	1	0.34
OAK LEAF BLISTER	1	0.34
LIVERWORT?	1	0.34
MAGNOLIA SCALE	1	0.34
MECHANICAL DAMAGE	1	0.34
MILDEW	1	0.34
MITE	1	0.34
PURPLE BLOTCH	1	0.34
PYTHIUM	1	0.34
RHIZO	1	0.34
RHIZOCT	1	0.34
ROACH	1	0.34

SUSPECTED PROBLEM	NUMBER OF SAMPLES	%
RUST/FUNGI	1	0.34
SLUG DAMAGE	1	0.34
SOME KIND OF MITE/TICK	1	0.34
SOW BUGS	1	0.34
CLUBROOT	1	0.34
BORER	1	0.34
BROAD MITES	1	0.34
BROWN ROT	1	0.34
CALCIUM DEFICIENCY	1	0.34
CANKERS	1	0.34
ABIOTIC DISORDER	1	0.34
ALTERNARIA	1	0.34
ANTS	1	0.34
ANTS IN HIGH TUNNEL	1	0.34
APHIDS	1	0.34
BACTERIAL	1	0.34
BACTERIAL CANKER	1	0.34
BACTERIAL LEAF SPOT	1	0.34
INSECT OR DISEASE	1	0.34
INTERVEINAL CHLOROSIS	1	0.34
JUNIPER	1	0.34
LEAF BLIGHT	1	0.34
LEAF MOLD	1	0.34
LEAF SMUT	1	0.34
DROUGHT, STRESS,	1	0.34
EARLY BLIGHT	1	0.34
EGGS	1	0.34
FROST DAMAGE	1	0.34
HORNET	1	0.34
IDENTIFICATION	1	0.34
INJURY	1	0.34
STONEFLY	1	0.34
SWEDE MIDGE	1	0.34
SYMPTOMS OF INSECT	1	0.34
THRIPS	1	0.34
VERTICILLIUM WILT	1	0.34
STEM GALL	1	0.34
STEM GALL WASP	1	0.34
VIRUS OR HERBICIDE	1	0.34
WILTED	1	0.34
TOTAL	295	100

TABLE 6. NUMBER OF SAMPLE SUBMISSIONS BY SAMPLE SOURCE FROM 01-01-2023 THROUGH 12-31-2023.

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	%
NONEXTENSION COMMERCIAL	111	37.62
EXTENSION NONCOMMERCIAL	91	30.84
EXTENSION COMMERCIAL	47	15.94
NONEXTENSION NONCOMMERCIAL	45	15.26
LEFT BLANK	1	0.34
TOTAL	295	100

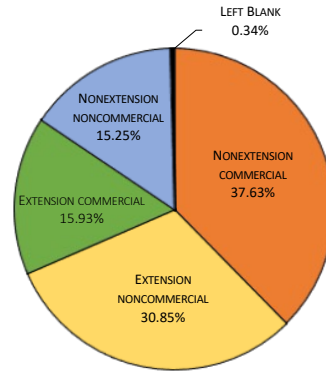


TABLE 7. NUMBER OF SAMPLE SUBMISSIONS BY TYPE OF SAMPLE FROM 01-01-2023 THROUGH 12-31-2023. THIS SECTION REPORTS SAMPLE TYPE FOR THE SAMPLES FROM ALL STATUSES. HENCE, THIS SECTION REPRESENTS THE TOTAL NUMBER OF SAMPLES PROCESSED DURING THIS TIME PERIOD.

Sample Type	Number of Samples	%
Physical Sample	286	96.94
Image Only	9	3.06
Total	295	100

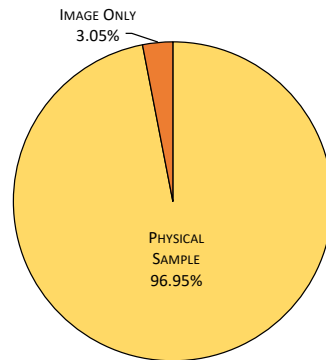


TABLE 8. NUMBER OF SAMPLE SUBMISSIONS BY SAMPLE CATEGORY FROM 01-01-2023 THROUGH 12-31-2023. NOTES: THIS SECTION REPORTS SAMPLE CATEGORY FOR SAMPLES FROM ALL STATUSES. HENCE, THIS SECTION REPRESENTS THE TOTAL NUMBER OF SAMPLES PROCESSED DURING THIS TIME PERIOD.

SAMPLE CATEGORY	COUNT	%
VEGETABLES	91	30.84
SMALL GRAINS - WHEAT,OATS,BARLEY	46	15.6
FRUIT	28	9.5
FIELD CROPS	25	8.48
PERENNIAL	25	8.48
WOODY ORNAMENTAL - DECIDUOUS	21	7.12
WOODY ORNAMENTAL -DECIDUOUS	13	4.4
WOODY ORNAMENTAL - EVERGREEN	10	3.38
INSECTID	9	3.06
NUTS/SEEDS	6	2.04
LEFT BLANK	5	1.7
OTHER	4	1.36
SMALL FRUIT	3	1.02
ANNUAL	2	0.68
FORESTED AREA	2	0.68
GROUNDCOVER/VINES	2	0.68
FOOD/FURNISHINGS-INSECTID	1	0.34
FURNISHINGS	1	0.34
TURF	1	0.34
TOTAL	295	100

TABLE 9. NUMBER OF SAMPLE SUBMISSIONS BY SAMPLE MATERIAL SUBMITTED FROM 01-01-2023 THROUGH 12-31-2023. 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	3
BRANCHES/TWIGS	49
BULBS	8
EMAIL	66
ENTIRE PLANT	57
FLOWERS	21
FRUIT/SEED	34
IMMATURE INSECT	1
INDOOR MATERIAL/DEBRIS	1
INSECT PUPA	1
LEAVES/NEEDLES	117
OTHER ARTHROPOD	1
PHOTOS	73
ROOTS	8
SOIL	5
STEMS	2
TUBERS	2
WORM	1

TABLE 10. NUMBER OF SAMPLE SUBMISSIONS AND DIAGNOSIS/ID BY HOST/HABITAT FROM 01-01-2023 THROUGH 12-31-2023. 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.

HOST NAME	PEST NAME	CONFIRMED	NOT DETECTED	SUSPECTED	UNDETERMINED	LEFT BLANK	TOTAL
()	MEXICAN BEAN BEETLE (EPILACHNA VARIVESTIS)	0	0	1	0	0	1
()	WOOD COCKROACHES (BLATELLIDAE; PARCOBLATTA)	0	0	1	0	0	1
()	ASIATIC GARDEN BEETLE ()	0	0	1	0	0	1
()	ORIENTAL BEETLE (ANOMALA ORIENTALIS)	0	0	1	0	0	1
()	EUROPEAN HORNET (VESPA CRABRO)	1	0	0	0	0	1
()	WHITE GRUBS (SCARAB BEETLES) (FAMILY SCARABAEIDAE)	1	0	0	0	0	1
()	TWOLINED CHESTNUT BORER (AGRILUS BILINEATUS)	1	0	0	0	0	1
()	BEECH ERINEUM GALL MITE (ACERIA FERRUGINEA)	1	0	0	0	0	1
()	INSECT DAMAGE (CLASS INSECTA)	0	0	0	1	0	1
ACONITE; MONKSHOOD (ACONITUM SP./SPP.)	BULBS AND RHIZOMES DISEASE (SCLEROTIUM SP./SPP.)	1	0	0	0	0	1
AFRICAN EGGPLANT (SOLANUM MACROCARPON)	ANGULAR LEAF SPOT (CERCOSPORA SP./SPP.)	1	0	0	0	0	1
AFRICAN EGGPLANT (SOLANUM MACROCARPON)	TWOSPOTTED SPIDER MITE (TETRANYCHUS URTICAE)	1	0	0	0	0	1
ALLIUM; ONIONS; LEEKS; GARLIC (ALLIUM SP./SPP.)	ONION MAGGOT (DELIA ANTIQUA)	0	0	1	0	0	1
ALLIUM; ONIONS; LEEKS; GARLIC (ALLIUM SP./SPP.)	ONION THRIPS (THRIPS TABACI)	0	0	1	0	0	1
ANEMONE (ANEMONE SP./SPP.)	PHOSPHORUS DEFICIENCY (ABIOTIC DISORDER)	0	0	1	0	0	1
ARBORVITAE (THUJA OCCIDENTALIS)	DROUGHT STRESS DAMAGE (ABIOTIC DISORDER)	0	0	0	0	1	1
ARBORVITAE (THUJA OCCIDENTALIS)	PESTALOTIOPSIS NEEDLE BLIGHT; TIP BLIGHT (PESTALOTIOPSIS SP./SPP.)	1	0	0	0	0	1
ARBORVITAE (THUJA OCCIDENTALIS)	LEAF BLIGHT AND DIEBACK (PESTALOTIOPSIS PODOCARPI)	1	0	0	0	0	1
ARBORVITAE (THUJA SP./SPP.)	FREEZE; FROST; COLD DAMAGE (ABIOTIC DISORDER)	0	0	1	0	0	1
ARBORVITAE (THUJA SP./SPP.)	PESTALOTIOPSIS CANKER/ DIEBACK (PESTALOTIOPSIS SP./SPP.)	1	0	0	0	0	1
ARTICHOKE (CYNARA SP./SPP.)	CALCIUM DEFICIENCY (ABIOTIC DISORDER)	1	0	0	0	0	1
ARTICHOKE (CYNARA SP./SPP.)	FOLIAR BLIGHT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
ARUGULA (ERUCA SATIVA)	RHIZOCTONIA CROWN AND STEM ROT (RHIZOCTONIA SP./SPP.)	1	0	0	0	0	1
ARUGULA (ERUCA SATIVA)	SOUR ROT (GEOTRICHUM SP./SPP.)	1	0	0	0	0	1
ASPEN (POPULUS SP./SPP.)	INSECT FRASS; PUPAL CASING; WEBBING (CLASS INSECTA)	1	0	0	0	0	1
ASPEN (POPULUS SP./SPP.)	FUNGAL LEAF SPOT (UNIDENTIFIED FUNGUS)	0	0	0	1	0	1
ASTERS (ASTER SP./SPP. HYBRIDS)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
ASTERS (ASTER SP./SPP. HYBRIDS)	ASTER RUST; RUST (PUCCINIA ASTERIS)	1	0	0	0	0	1
AUTUMN-WINTER SQUASH (CUCURBITA MAXIMA)	CUCUMBER MOSAIC (CUCUMBER MOSAIC VIRUS (CMV))	1	0	0	0	0	1
AUTUMN-WINTER SQUASH (CUCURBITA MAXIMA)	WATERMELON MOSAIC (WATERMELON MOSAIC VIRUS (WMV))	2	0	0	0	0	2
AUTUMN-WINTER SQUASH (CUCURBITA MAXIMA)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
BALSAM FIR (ABIES BALSAMEA)	TIP BLIGHT (DIPLODIA SP./SPP.)	1	0	0	0	0	1
BALSAM FIR (ABIES BALSAMEA)	TWIG BLIGHT (DIAPORTHE SP./SPP.)	1	0	0	0	0	1

BARLEY (HORDEUM VULGARE)	HEAD BLIGHT (FUSARIUM GRAMINEARUM)	1	0	0	0	0	1
BARLEY (HORDEUM VULGARE)	FUSARIUM LEAF SPOT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
BARLEY (HORDEUM VULGARE)	LEAF SPOT (BIPOLARIS SP./SPP.)	4	0	0	0	0	4
BARLEY (HORDEUM VULGARE)	BARLEY NET BLOTCH (PYRENOPHORA TERES)	3	0	0	0	0	3
BARLEY (HORDEUM VULGARE)	BIPOLARIS SPOT BLOTCH (BIPOLARIS SP./SPP.)	7	0	0	0	0	7
BARLEY (HORDEUM VULGARE)	SPOT BLOTCH (BIPOLARIS SOROKINIANA)	1	0	0	0	0	1
BARLEY (HORDEUM VULGARE)	FOLIAR BLIGHT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
BARLEY (HORDEUM VULGARE)	FUSARIUM BLIGHT (FUSARIUM SP./SPP.)	2	0	0	0	0	2
BEAN (PHASEOLUS SP./SPP.)	BEAN ANTHRACNOSE (COLLETOTRICHUM LINDEMUTHIANUM)	5	0	0	0	0	5
BEAN (PHASEOLUS SP./SPP.)	RHIZOCTONIA POD ROT (RHIZOCTONIA SP./SPP.)	1	0	0	0	0	1
BEAN (PHASEOLUS SP./SPP.)	FUSARIUM POD ROT (FUSARIUM SP./SPP.)	2	0	0	0	0	2
BEAN (PHASEOLUS SP./SPP.)	BEAN RUST (UROMYCES APPENDICULATUS VAR. APPENDICULATUS)	0	0	1	0	0	1
BEAN (PHASEOLUS SP./SPP.)	BEAN RUST (UROMYCES PHASEOLI)	0	0	1	0	0	1
BEDSTRAW (GALIUM SP./SPP.)	BEDSTRAW (GALIUM SP./SPP.)	0	0	1	0	0	1
BEEBALM; HORSEMINT (MONARDA SP./SPP.)	TORTOISE BEETLES (SUBFAMILY CASSIDINAE)	1	0	0	0	0	1
BEEBALM; HORSEMINT (MONARDA SP./SPP.)	JUMPING WORM; CRAZY WORM (AMYNTHAS AGRESTIS)	1	0	0	0	0	1
BELL PEPPER (CAPSICUM ANNUUM GROSSUM)	MACROPHOMA LEAF SPOT (MACROPHOMA SP./SPP.)	1	0	0	0	0	1
BELL PEPPER (CAPSICUM ANNUUM GROSSUM)	ALTERNARIA LEAF SPOT (ALTERNARIA SP./SPP.)	1	0	0	0	0	1
BELLFLOWER (CAMPANULA SP./SPP.)	RHIZOCTONIA ROOT ROT (RHIZOCTONIA SOLANI)	1	0	0	0	0	1
BLACK BIRCH; SWEET BIRCH (BETULA LENTA)	ANTHRACNOSE; COLLETOTRICHUM LEAF SPOT (COLLETOTRICHUM SP./SPP.)	1	0	0	0	0	1
BLACK RASPBERRY (RUBUS OCCIDENTALIS)	BRAMBLE LEAF RUST; BLACKBERRY LEAF RUST (PHRAGMIDIUM VIOLACEUM)	0	0	1	0	0	1
BLUEBERRY (VACCINIUM SP./SPP.)	MUMMY BERRY (MONILINIA VACCINII-CORYMBOSI)	1	0	1	0	0	2
BLUEBERRY (VACCINIUM SP./SPP.)	BLUEBERRY STEMGALL WASP (HEMADAS NUBILIPENNIS)	2	0	0	0	0	2
BOXWOOD (BUXUS SP./SPP.)	NORMAL PLANT GROWTH (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
BROCCOLI (BRASSICA OLERACEA VAR. BOTRYTIS)	HEAT STRESS (ABIOTIC DISORDER)	0	0	1	0	0	1
BROCCOLI (BRASSICA OLERACEA VAR. BOTRYTIS)	BROCCOLI BROWN BEAD (ABIOTIC DISORDER) ()	0	0	1	0	0	1
BROCCOLI (BRASSICA OLERACEA VAR. BOTRYTIS)	CRUCIFER CLUBROOT (PLASMIDIOPHORA BRASSICAE)	0	0	1	0	0	1
BROCCOLI (BRASSICA OLERACEA VAR. BOTRYTIS)	ALTERNARIA HEAD ROT (ALTERNARIA SP./SPP.)	0	0	1	0	0	1
BUR OAK (QUERCUS MACROCARPA)	CYTOSPORA CANKER; DIEBACK (CYTOSPORA SP./SPP.)	1	0	0	0	0	1
BUR OAK (QUERCUS MACROCARPA)	ANTHRACNOSE (APIOGNOMONIA SP./SPP.)	1	0	0	0	0	1
BUR OAK (QUERCUS MACROCARPA)	FREEZE; FROST; COLD DAMAGE (ABIOTIC DISORDER)	0	0	0	0	1	1
BUR OAK (QUERCUS MACROCARPA)	WINTER INJURY (ABIOTIC DISORDER)	0	0	1	0	0	1
CANTALOUPE; CANTALOUPE (CUCUMIS MELO CANTALUPENSIS)	ANGULAR LEAF SPOT (CERCOSPORA SP./SPP.)	1	0	0	0	0	1
CANTALOUPE; CANTALOUPE (CUCUMIS MELO CANTALUPENSIS)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
CARROT (DAUCUS CAROTA SATIVUS)	CARROT CYST NEMATODE (HETERODERA CAROTAE)	0	0	1	0	0	1
CARROT (DAUCUS CAROTA SATIVUS)	RHIZOCTONIA CROWN AND ROOT ROT (RHIZOCTONIA SOLANI)	1	0	0	0	0	1

CELERIAC (APIUM GRAVEOLENS VAR. RAPACEUM)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
CELERIAC (APIUM GRAVEOLENS VAR. RAPACEUM)	CELERY BLACKHEART (ABIOTIC DISORDER)	0	0	1	0	0	1
CHERRY TOMATO (LYCOPERSICON CERASIFORME)	LEAF MOLD; SPOT (PASSALORA FULVA)	0	0	1	0	0	1
CHERRY TOMATO (LYCOPERSICON CERASIFORME)	ALTERNARIA LEAF BLIGHT (ALTERNARIA SP./SPP.)	1	0	0	0	0	1
CHERRY TOMATO (LYCOPERSICON CERASIFORME)	MECHANICAL DAMAGE (ABIOTIC DISORDER)	1	0	0	0	0	1
CHERRY TOMATO (LYCOPERSICON CERASIFORME)	DROUGHT STRESS DAMAGE (ABIOTIC DISORDER)	0	0	0	0	1	1
CHERRY TOMATO (LYCOPERSICON CERASIFORME)	FOLIAR BLIGHT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
CHOKEBERRY (ARONIA SP./SPP.)	UGLYNEST CATERPILLAR (ARCHIPS CERASIVORANA)	1	0	0	0	0	1
CHRYSANTHEMUM (CHRYSANTHEMUM SP./SPP. HYBRIDS)	CHRYSANTHEMUM WHITE RUST (PUCCINIA HORIANA)	1	0	0	0	0	1
CILANTRO (CORIANDRUM SATIVUM)	NO PATHOGEN FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
CILANTRO (CORIANDRUM SATIVUM)	POOR ROOT DEVELOPMENT (ABIOTIC DISORDER)	0	0	1	0	0	1
CLEMATIS (CLEMATIS SP./SPP.)	CLEMATIS WILT; CLEMATIS BLIGHT; LEAF SPOT (CALOPHOMA CLEMATIDINA)	1	0	0	0	0	1
COLE CROPS (BRASSICA SP./SPP.)	CUTWORMS (FAMILY NOCTUIDAE)	1	0	0	0	0	1
COMMON APPLE (MALUS SYLVESTRIS)	ASAIN JUMPING WORM (AMYNTHAS AGRESTIS)	1	0	0	0	0	1
COMMON APPLE (MALUS SYLVESTRIS)	CEDAR-APPLE RUST (GYMNOSPORANGIUM JUNIPERI-VIRGINIANAE)	1	0	0	0	0	1
COMPOST SOIL ()	JUMPING WORM; CRAZY WORM (AMYNTHAS AGRESTIS)	0	0	0	1	0	1
CRABAPPLE (MALUS SP./SPP.)	FROGEYE LEAF SPOT; BLACK ROT (BOTRYOSPHERA OBTUSA)	1	0	0	0	0	1
CRABAPPLE (MALUS SP./SPP.)	CEDAR-APPLE RUST (GYMNOSPORANGIUM JUNIPERI-VIRGINIANAE)	1	0	0	0	0	1
CREEPING JUNIPER (JUNIPERUS HORIZONTALIS)	PHOMOPSIS BLIGHT (PHOMOPSIS SP./SPP.)	0	0	1	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	ANTS (FAMILY FORMICIDAE)	1	0	0	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	CUCURBIT DOWNY MILDEW (PSEUDOPERONOSPORA CUBENSIS)	2	0	5	0	0	7
CUCUMBER (CUCUMIS SATIVUS)	PILLBUGS; SOWBUGS (CLASS MALACOSTRACA)	1	0	0	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	PILLBUGS; SOWBUGS (ORDER ISOPODA)	1	0	0	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	ULOCLADIUM LEAF SPOT (ULOCLADIUM SP./SPP.)	1	0	0	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	ANGULAR LEAF SPOT (PSEUDOMONAS SYRINGAE)	0	0	1	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	ASCOCHYTA LEAF SPOT (STAGONOSPOROPSIS TRACHELLI)	1	0	0	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	CUCURBIT ANGULAR LEAF SPOT (PSEUDOMONAS SYRINGAE PV. LACHRYMANS)	0	0	1	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	STEM ROT (BOTRYTIS SP./SPP.)	1	0	0	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	ABNORMAL PLANT GROWTH (ABIOTIC DISORDER)	0	0	1	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	FUSARIUM CROWN AND STALK ROT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	ALTERNARIA LEAF BLIGHT (ALTERNARIA SP./SPP.)	1	0	0	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	2	0	0	0	0	2
CUCUMBER (CUCUMIS SATIVUS)	DROUGHT STRESS DAMAGE (ABIOTIC DISORDER)	1	0	0	0	0	1
CUCUMBER (CUCUMIS SATIVUS)	WHITE MOLD (SCLEROTINIA SP./SPP.)	1	0	0	0	0	1
DAHLIA (DAHLIA SP./SPP.)	MAGNESIUM DEFICIENCY (ABIOTIC DISORDER)	0	0	1	0	0	1

DAYLILY (HEMEROCALLIS SP./SPP. HYBRIDS)	DARKVEINED SPHINX (HYLES GALLII)	1	0	0	0	0	1
DILL (ANETHUM GRAVEOLENS)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
DILL (ANETHUM GRAVEOLENS)	BOTRYTIS BLIGHT (BOTRYTIS SP./SPP.)	1	0	0	0	0	1
DOGWOOD (CORNUS SP./SPP.)	ALTERNARIA LEAF BLIGHT (ALTERNARIA SP./SPP.)	1	0	0	0	0	1
DOGWOOD (CORNUS SP./SPP.)	INSECT DAMAGE (CLASS INSECTA)	0	0	1	0	0	1
DOMESTIC APPLE (MALUS DOMESTICA)	SPOTTED TENTIFORM LEAFMINER (PHYLLOORYCTER BLANCARDELLA)	0	0	1	0	0	1
DOMESTIC APPLE (MALUS DOMESTICA)	DIEBACK; CANKER; TWIG BLIGHT (BOTRYOSPHAERIA SP./SPP.)	1	0	0	0	0	1
DOMESTIC APPLE (MALUS DOMESTICA)	BRANCH CANKER AND DIEBACK (UNIDENTIFIED AGENT)	0	0	0	1	0	1
DOMESTIC APPLE (MALUS DOMESTICA)	CANKER; STEM BLIGHT; DIEBACK (BOTRYOSPHAERIA DOTHIIDEA)	0	0	1	0	0	1
DOMESTIC APPLE (MALUS DOMESTICA)	LEAF SPOT (MARSSONINA SP./SPP.)	2	0	0	0	0	2
DRY BEAN (PHASEOLUS VULGARIS)	BEAN ANTHRACNOSE (COLLETOTRICHUM LINDEMUTHIANUM)	0	1	0	0	0	1
DRY BEAN (PHASEOLUS VULGARIS)	RHIZOCTONIA POD ROT (RHIZOCTONIA SP./SPP.)	0	0	1	0	0	1
DRY FIELD PEAS (PISUM SATIVUM)	INSECT DAMAGE (CLASS INSECTA)	1	0	0	0	0	1
DRY FIELD PEAS (PISUM SATIVUM)	ASCOCHYTA BLIGHT (ASCOCHYTA SP./SPP.)	1	0	0	0	0	1
EASTERN BLACK CHERRY (PRUNUS SEROTINA)	BLACK CHERRY APHID (MYZUS CERASI)	0	0	1	0	0	1
EASTERN BLACK CHERRY (PRUNUS SEROTINA)	LEAF SPOT; SHOTHOLE (BLUMERIELLA SP./SPP.)	0	0	2	0	0	2
EASTERN WHITE PINE (PINUS STROBUS)	WHITE PINE WEEVIL (PISSODES STROBI)	1	0	0	0	0	1
EGGPLANT (SOLANUM MELONGENA)	FUSARIUM BLIGHT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
ELM (ORNAMENTAL) (ULMUS SP./SPP. ORNAMENTAL)	DUTCH ELM DISEASE (OPHIOSTOMA SP./SPP.)	1	0	0	0	0	1
ELM (ORNAMENTAL) (ULMUS SP./SPP. ORNAMENTAL)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
ENDIVE; ESCAROLE (CICHORIUM ENDIVA)	APHIDS; PLANT LICE (FAMILY APHIDIDAE)	1	0	0	0	0	1
ENDIVE; ESCAROLE (CICHORIUM ENDIVA)	BACTERIAL LEAF SPOT (PSEUDOMONAS SP./SPP.)	0	0	1	0	0	1
EUCALYPTUS (EUCALYPTUS SP./SPP.)	PYTHIUM DAMPING OFF (PYTHIUM SP./SPP.)	1	0	0	0	0	1
EUCALYPTUS (EUCALYPTUS SP./SPP.)	GUAVA RUST; EUCALYPTUS RUST (PUCCINIA PSIDII)	0	0	1	0	0	1
EUCALYPTUS (EUCALYPTUS SP./SPP.)	OEDEMA; EDEMA (ABIOTIC DISORDER)	0	0	1	0	0	1
GARDEN BEET (BETA VULGARIS)	FUSARIUM DRY ROT; BULB ROT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
GARDEN BEET (BETA VULGARIS)	FUSARIUM ROOT ROT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
GARLIC (ALLIUM SATIVUM)	FUSARIUM BASAL ROT (FUSARIUM OXYSPORUM F.SP. CEPAE)	2	0	0	0	0	2
GARLIC (ALLIUM SATIVUM)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	2	0	0	0	0	2
GARLIC (ALLIUM SATIVUM)	CROWN ROT (RHIZOCTONIA SP./SPP.)	1	0	0	0	0	1
GARLIC (ALLIUM SATIVUM)	WHITE ROT (SCLEROTIUM CEPIVORUM)	4	0	0	0	0	4
GARLIC (ALLIUM SATIVUM)	BASAL PLATE ROT (FUSARIUM CULMORUM)	2	0	0	0	0	2
GARLIC (ALLIUM SATIVUM)	ONION PURPLE (BROWN) BLOTCH (ALTERNARIA PORRI)	1	0	0	0	0	1
GARLIC (ALLIUM SATIVUM)	SUNSCALD (ABIOTIC DISORDER)	0	0	1	0	0	1
GARLIC (ALLIUM SATIVUM)	COLLAR ROT (RHIZOCTONIA SOLANI)	1	0	0	0	0	1
GARLIC (ALLIUM SATIVUM)	RHIZOCTONIA CROWN AND STEM ROT (RHIZOCTONIA SP./SPP.)	1	0	0	0	0	1

GARLIC (ALLIUM SATIVUM)	GREY MOLD; STALK ROT; NECK ROT (BOTRYTIS ALLII)	0	0	1	0	0	1
GARLIC (ALLIUM SATIVUM)	GARLIC WAXY BREAKDOWN ()	0	0	1	0	0	1
GARLIC (ALLIUM SATIVUM)	NO PATHOGEN FOUND (IDENTIFICATION ANALYSIS)	2	0	0	0	0	2
GERANIUM (GERANIUM SP./SPP.)	OEDEMA; EDEMA (ABIOTIC DISORDER)	1	0	0	0	0	1
GIANT BUTTERBUR (PETASITES JAPONICUS)	PETASITES JAPONICA ()	1	0	0	0	0	1
GOOSEFOOT (CHENOPODIUM SP./SPP.)	CLAMMY GOOSEFOOT (DYSPHANIA PUMILIO)	1	0	0	0	0	1
GOUTWEED (AEGOPODIUM SP./SPP.)	BISHOPS GOUTWEED (AEGOPODIUM PODAGRARIA)	1	0	0	0	0	1
GROUNDCHERRY (PHYSALIS SP./SPP.)	WHITE SMUT (ENTYLOMA SP./SPP.)	1	0	0	0	0	1
HACKBERRY (CELTIS SP./SPP.)	HACKBERRY NIPPLEGALL MAKER (PACHYPSYLLA CELTIDISMAMMA)	0	0	1	0	0	1
HAIRY CHESS (BROMUS COMMUTATUS)	LEAF RUST; RUST (PUCCINIA SP./SPP.)	1	0	0	0	0	1
HAIRY CHESS (BROMUS COMMUTATUS)	ALTERNARIA LEAF BLIGHT (ALTERNARIA SP./SPP.)	1	0	0	0	0	1
HEMLOCK (TSUGA SP./SPP.)	PHYTOPHTHORA DIEBACK; BLIGHT (PHYTOPHTHORA SP./SPP.)	0	0	1	0	0	1
HEMLOCK (TSUGA SP./SPP.)	PHOMOPSIS BLIGHT (PHOMOPSIS SP./SPP.)	1	0	0	0	0	1
HEMP (CANNABIS SATIVA)	FOLIAR BLIGHT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
HEMP (CANNABIS SATIVA)	FUSARIUM BLIGHT (FUSARIUM SP./SPP.)	2	0	0	0	0	2
HEMP (CANNABIS SATIVA)	LEAF BLIGHT; STEM BLIGHT; STEM CANKER (PHOMA EXIGUA)	0	0	1	0	0	1
HEMP (CANNABIS SATIVA)	TWOSPOTTED SPIDER MITE (TETRANYCHUS URTICAE)	0	0	1	0	0	1
HEMP (CANNABIS SATIVA)	VERTICILLIUM WILT (VERTICILLIUM SP./SPP.)	0	0	1	0	0	1
HEMP (CANNABIS SATIVA)	ETHYLENE EXPOSURE (ABIOTIC DISORDER)	0	0	1	0	0	1
HEMP (CANNABIS SATIVA)	APHID (MYZOCALLIS SP./SPP.)	0	0	1	0	0	1
HEMP (CANNABIS SATIVA)	FUSARIUM WILT OF HEMP (FUSARIUM OXYSPORUM F.SP. CANNABIS)	1	0	0	0	0	1
HEMP (CANNABIS SATIVA)	HOP DOWNY MILDEW (PSEUDOPERONOSPORA HUMULI)	1	0	0	0	0	1
HEMP (CANNABIS SATIVA)	LEAF SPOT (BIPOLARIS SP./SPP.)	1	0	0	0	0	1
HEMP (CANNABIS SATIVA)	SPIDER MITES (FAMILY TETRANYCHIDAE)	1	0	0	0	0	1
HEMP (CANNABIS SATIVA)	CERCOSPORA LEAF SPOT (CERCOSPORA SP./SPP.)	1	0	0	0	0	1
HEMP (CANNABIS SATIVA)	TIPBURN (ABIOTIC DISORDER)	1	0	0	0	0	1
HICKORY (CARYA SP./SPP.)	HICKORY SHUCKWORM (CYDIA CARYANA)	1	0	0	0	0	1
HICKORY (CARYA SP./SPP.)	HICKORY LEAF STEM GALL APHID (PHYLLOXERA CARYAECAULIS)	1	0	0	0	0	1
HOME AND GARDEN (HABITAT)	MALLOW RUST; HOLLYHOCK RUST (PUCCINIA MALVACEARUM)	0	0	1	0	0	1
HOME AND GARDEN (HABITAT)	DODDER (CUSCUTA SP./SPP.)	1	0	0	0	0	1
HOME AND GARDEN (HABITAT)	AMERICAN BITTERSWEET (CELASTRUS SCANDENS)	1	0	0	0	0	1
HOME AND GARDEN (HABITAT)	TARNISHED PLANT BUG (LYGUS LINEOLARIS)	1	0	0	0	0	1
HOME AND GARDEN (HABITAT)	STINK BUGS (FAMILY PENTATOMIDAE)	1	0	0	0	0	1
HOME AND GARDEN (HABITAT)	ARMORED MITES (ORDER ORIBATIDA)	1	0	0	0	0	1
HOME AND GARDEN (HABITAT)	SMALL WINTER STONEFLY CAPNIID (ALLOCAPNIA WRAYI)	1	0	0	0	0	1
HOPS (HUMULUS LUPULUS)	CLADOSPORIUM BUD BLIGHT (CLADOSPORIUM SP./SPP.)	1	0	0	0	0	1
HOPS (HUMULUS LUPULUS)	HOP DOWNY MILDEW (PSEUDOPERONOSPORA HUMULI)	1	0	0	0	0	1

HOPS (HUMULUS LUPULUS)	ALTERNARIA CONE DISORDER (ALTERNARIA ALTERNATA)	14	0	0	0	0	14
HOPS (HUMULUS LUPULUS)	POWDERY MILDEW (PODOSPHAERA MACULARIS)	1	0	0	0	0	1
HOPS (HUMULUS LUPULUS)	BOTRYTIS BLIGHT (BOTRYTIS SP./SPP.)	2	0	0	0	0	2
HOPS (HUMULUS LUPULUS)	TWOSPOTTED SPIDER MITE (TETRANYCHUS URTICAE)	2	0	0	0	0	2
HORSECHESTNUT (AESCULUS SP./SPP.)	COPPER UNDERWING (AMPHIPYRA BERBERA)	1	0	0	0	0	1
HOSTA (HOSTA SP./SPP.)	COMMON GARDEN SLUG (ARION DISTINCTUS)	0	0	1	0	0	1
HOUSEPLANTS; POTTED PLANTS (HOUSEPLANTS)	LARDER BEETLE (DERMESTES LARDARIUS)	1	0	0	0	0	1
INSECT/ARTHROPOD ID REQUEST (IDENTIFICATION REQUEST)	DERMESTID BEETLE (ANTHRENUS SP./SPP.)	1	0	0	0	0	1
IPOMOEA; MORNINGGLORY (IPOMOEA SP./SPP.)	OEDEMA; EDEMA (ABIOTIC DISORDER)	1	0	0	0	0	1
IRIS (IRIS SP./SPP.)	IRIS LEAF SPOT (CLADOSPORIUM IRIDIS)	1	0	0	0	0	1
JUNIPER (JUNIPERUS SP./SPP.)	PHOMOPSIS BLIGHT (PHOMOPSIS SP./SPP.)	1	0	0	0	0	1
KALE (BRASSICA OLERACEA ACEPHALA)	WHITE LEAF SPOT; GRAY STEM (MYCOSPHAERELLA CAPSELLAE)	0	0	1	0	0	1
KALE (BRASSICA OLERACEA ACEPHALA)	CRUCIFER BLACK LEG; ROOT ROT (LEPTOSPHAERIA MACULLANS)	1	0	0	0	0	1
KALE (BRASSICA OLERACEA ACEPHALA)	SWEDE MIDGE (CONTARINIA NASTURTII)	1	0	0	0	0	1
LETTUCE (LACTUCA SP./SPP.)	ALTERNARIA LEAF SPOT (ALTERNARIA SP./SPP.)	1	0	0	0	0	1
LETTUCE (LACTUCA SP./SPP.)	INSECT DAMAGE (CLASS INSECTA)	0	0	1	0	0	1
LETTUCE (LACTUCA SP./SPP.)	INSECT FRASS; PUPAL CASING; WEBBING (CLASS INSECTA)	0	0	0	1	0	1
LISIANTHUS (LISIANTHUS SP./SPP.)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
LISIANTHUS (LISIANTHUS SP./SPP.)	CROWN AND STEM ROT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
LIVERLEAF (HEPATIC A SP./SPP.)	LIVERWORTS (FAMILY MARCHANTACEAE)	1	0	0	0	0	1
MAGNOLIA (MAGNOLIA SP./SPP.)	MAGNOLIA SCALE (NEOLECANIUM CORNUPARVUM)	0	0	1	0	0	1
MAPLE (ACER SP./SPP.)	SPONGY MOTH (LYMANTRIA DISPAR)	1	0	0	0	0	1
MAPLE (ACER SP./SPP.)	MAPLE LEAFCUTTER (PARACLEMENSIA ACERIFOLIELLA)	0	0	1	0	0	1
MEADOW FESCUE (FESTUCA ELATIOR)	LEAF RUST; RUST (PUCCINIA SP./SPP.)	1	0	0	0	0	1
MEADOW FESCUE (FESTUCA ELATIOR)	TAN SPOT (DRECHSLERA SP./SPP.)	1	0	0	0	0	1
MEADOW FESCUE (FESTUCA ELATIOR)	ANTHRACNOSE; COLLETOTRICHUM LEAF SPOT (COLLETOTRICHUM SP./SPP.)	1	0	0	0	0	1
MEDLAR (MESPILUS GERMANICA)	CEDAR-QUINCE RUST (GYMNOSPORANGIUM CLAVIPES)	1	0	0	0	0	1
MILKWEED (ASCLEPIAS SP./SPP.)	OLEANDER APHID (APHIS NERII)	1	0	0	0	0	1
MIXED PLANT MATERIAL (UNSPECIFIED)	BACTERIAL BLIGHT (ERWINIA SP./SPP.)	0	0	1	0	0	1
MIXED PLANT MATERIAL (UNSPECIFIED)	ROOT ROT (UNIDENTIFIED AGENT)	0	0	0	1	0	1
MIXED PLANT MATERIAL (UNSPECIFIED)	COMMON THRIPS (FAMILY THIRIPIDAE)	0	0	0	1	0	1
NEW GUINEA IMPATIENS (IMPATIENS HAWKERI)	LEAF SPOT (PHYLLOSTICTA SP./SPP.)	0	0	1	0	0	1
OAK (ORNAMENTAL) (QUERCUS SP./SPP.)	OAK LEAF BLISTER (TAPHRINA CAERULESCENS)	1	0	0	0	0	1
ONION (ALLIUM CEPA)	ONION PURPLE (BROWN) BLOTCH (ALTERNARIA PORRI)	1	0	1	0	0	2
ONION (ALLIUM CEPA)	ONION MAGGOT (DELIA ANTIQUA)	1	0	0	0	0	1
ONION (ALLIUM CEPA)	ONION THRIPS (THRIPS TABACI)	1	0	0	0	0	1

ONION (ALLIUM CEPA)	WHITE ROT (SCLEROTIUM CEPIVORUM)	1	0	0	0	0	1
ONION (ALLIUM CEPA)	BOTRYTIS BLIGHT (BOTRYTIS SP./SPP.)	1	0	0	0	0	1
ONION (ALLIUM CEPA)	FREEZE; FROST; COLD DAMAGE (ABIOTIC DISORDER)	1	0	0	0	0	1
ONION (ALLIUM CEPA)	LEEK MOTH (ACROLEPIOPSIS ASSECTELLA)	1	0	0	0	0	1
ONION (ALLIUM CEPA)	PINK ROOT (PHOMA TERRESTRIS)	0	0	1	0	0	1
ONION (ALLIUM CEPA)	COLLAR ROT (SCLEROTINIA SCLEROTIURUM)	1	0	0	0	0	1
ORCHARDGRASS (DACTYLIS GLOMERATA)	ANTHRACNOSE; COLLETOTRICHUM LEAF SPOT (COLLETOTRICHUM SP./SPP.)	1	0	0	0	0	1
ORCHARDGRASS (DACTYLIS GLOMERATA)	LEAF SPOT (STAGONOSPORA SP./SPP.)	1	0	0	0	0	1
PAGODA DOGWOOD (CORNUS ALTERNIFOLIA)	GOLDEN CANKER (CRYPTODIAPORTHE CORNI)	0	0	1	0	0	1
PEACH (PRUNUS PERSICA)	PEACH LEAF CURL (TAPHRINA DEFORMANS)	1	0	0	0	0	1
PEACH (PRUNUS PERSICA)	DIEBACK; CANKER; TWIG BLIGHT (BOTRYOSPHAERIA SP./SPP.)	1	0	0	0	0	1
PEAR (PYRUS COMMUNIS)	PEAR LEAF BLISTER MITE (PHYTOPTUS PYRI)	2	0	0	0	0	2
PEAR (PYRUS COMMUNIS)	PEAR LEAF BLISTER MITE (ERIOPHYES PYRI)	1	0	0	0	0	1
PEONY (PAEONIA SP./SPP.)	VIRUS ()	0	1	0	0	0	1
PEONY (PAEONIA SP./SPP.)	2,4-D INJURY (ABIOTIC DISORDER)	0	0	1	0	0	1
PEPPER (CAPSICUM ANNUUM)	CYCLAMEN MITE (PHYTONEMUS (STENEOTARSONEMUS) PALLIDUS)	1	0	0	0	0	1
PEPPER (CAPSICUM ANNUUM)	BROAD MITE (POLYPHAGOTARSONEMUS LATUS)	1	0	0	0	0	1
PEPPER (CAPSICUM ANNUUM)	BUCKEYE FRUIT AND ROOT ROT (PHYTOPHTHORA CAPSICI)	0	0	1	0	0	1
PINEAPPLE WEED (MATRICARIA MATRICARIOIDES)	PINEAPPLE-WEED; DISC MAYWEED (MATRICARIA DISCOIDEA (MATRICARIOIDES))	0	0	1	0	0	1
POPLAR (POPULUS SP./SPP.)	LEAF SPOT (MARSSONINA SP./SPP.)	2	0	0	0	0	2
PRUNE PLUM (PRUNUS DOMESTICA)	BROWN ROT (MONILIA SP./SPP.)	1	0	0	0	0	1
PUMPKIN (CUCURBITA SP./SPP.)	PHYTOPHTHORA FRUIT ROT (PHYTOPHTHORA SP./SPP.)	1	0	0	0	0	1
PURPLELEAF SAND CHERRY (PRUNUS X CISTENA)	LICHENS (LICHENES)	1	0	0	0	0	1
RADISH (RAPHANUS SATIVUS)	CARROT CYST NEMATODE (HETERODERA CAROTAE)	0	0	1	0	0	1
RADISH (RAPHANUS SATIVUS)	POTATO CANKER AND BLACK SCURF (RHIZOCTONIA SOLANI)	0	0	1	0	0	1
RASPBERRY (RUBUS IDAEUS)	INSECT FRASS; PUPAL CASING; WEBBING (CLASS INSECTA)	1	0	0	0	0	1
RASPBERRY (RUBUS IDAEUS)	TWOSPOTTED SPIDER MITE (TETRANYCHUS URTICAE)	1	0	0	0	0	1
RASPBERRY (RUBUS SP./SPP.)	2,4-D INJURY (ABIOTIC DISORDER)	0	0	1	0	0	1
RASPBERRY (RUBUS SP./SPP.)	HERBICIDE DRIFT (ABIOTIC DISORDER)	0	0	1	0	0	1
RASPBERRY (RUBUS SP./SPP.)	SPUR BLIGHT (PHOMA SP./SPP.)	1	0	0	0	0	1
RED OAKS (QUERCUS SP./SPP. RED)	FREEZE; FROST; COLD DAMAGE (ABIOTIC DISORDER)	0	0	0	0	1	1
RED SPRUCE (PICEA RUBRA)	WHITE PINE WEEVIL (PISSODES STROBI)	2	0	0	0	0	2
RED SPRUCE (PICEA RUBRA)	ADELGID (ADELGES SP./SPP.)	0	0	1	0	0	1
RHODODENDRON (RHODODENDRON SP./SPP.)	DIEBACK; CANKER; TWIG BLIGHT (BOTRYOSPHAERIA SP./SPP.)	1	0	0	0	0	1
RHODODENDRON (RHODODENDRON SP./SPP.)	TIPBURN (ABIOTIC DISORDER)	1	0	0	0	0	1
SERVICEBERRY (AMELANCHIER ARBOREA)	DROUGHT STRESS DAMAGE (ABIOTIC DISORDER)	0	0	1	0	0	1
SOUR CHERRY (PRUNUS CERASUS)	HEAT AND WATER STRESS (ABIOTIC DISORDER)	0	0	1	0	0	1

SOUR CHERRY (PRUNUS CERASUS)	NO PATHOGEN FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
SOUR CHERRY (PRUNUS CERASUS)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
SPINACH (SPINACIA OLERACEA)	DOWNY MILDEW (ORDER PERONOSPORALES)	0	0	1	0	0	1
SPINACH (SPINACIA OLERACEA)	RHIZOCTONIA CROWN AND ROOT ROT (RHIZOCTONIA SOLANI)	0	0	1	0	0	1
SPINACH (SPINACIA OLERACEA)	GROWTH CRACKS (ABIOTIC DISORDER)	0	0	1	0	0	1
SPINACH (SPINACIA OLERACEA)	RHIZOCTONIA ROOT; CROWN ROT (RHIZOCTONIA SP./SPP.)	1	0	0	0	0	1
SPINACH (SPINACIA OLERACEA)	GREEN PEACH APHID (MYZUS PERSICAE)	1	0	0	0	0	1
SPINACH (SPINACIA OLERACEA)	PYTHIUM DAMPING OFF (PYTHIUM SP./SPP.)	1	0	0	0	0	1
SPINACH (SPINACIA OLERACEA)	ROT ()	0	0	0	1	0	1
SPINACH (SPINACIA OLERACEA)	STEMPHYLIUM LEAF SPOT (STEMPHYLIUM SP./SPP.)	1	0	0	0	0	1
SPINACH (SPINACIA OLERACEA)	WINTER INJURY (ABIOTIC DISORDER)	1	0	0	0	0	1
SPINACH (SPINACIA OLERACEA)	VERTICILLIUM WILT (VERTICILLIUM SP./SPP.)	1	0	0	0	0	1
SQUASH (CUCURBITA SP./SPP.)	PLECTOSPORIUM BLIGHT (PLECTOSPORIUM SP./SPP.)	1	0	0	0	0	1
SQUASH (CUCURBITA SP./SPP.)	CUCUMBER BEETLES (SUBFAMILY GALERUCINAE)	1	0	0	0	0	1
SQUASH; WINTER CROOKNECK; CANADA PUMPKIN (CUCURBITA MOSCHATA)	PHYTOPHTHORA FRUIT ROT (PHYTOPHTHORA SP./SPP.)	0	0	1	0	0	1
STAGHORN SUMAC (RHUS TYPHINA)	BACTERIAL WETWOOD; SLIME FLUX (UNIDENTIFIED BACTERIA)	0	0	1	0	0	1
STRAWBERRY ()	CYCLAMEN MITE (PHYTONEMUS (STENEOTARSONEMUS) PALLIDUS)	1	0	0	0	0	1
STRAWBERRY (FRAGARIA SP./SPP.)	CROWN AND ROOT ROT (PHYTOPHTHORA SP./SPP.)	1	0	0	0	0	1
STRAWBERRY (FRAGARIA SP./SPP.)	ANTHRACNOSE (COLLETOTRICHUM FRAGARIAE)	2	0	0	0	0	2
STRAWBERRY (FRAGARIA SP./SPP.)	CANKER (STEMPHYLIUM SP./SPP.)	0	0	1	0	0	1
STRAWBERRY (FRAGARIA SP./SPP.)	MYCOSPHAERELLA LEAF SPOT (MYCOSPHAERELLA SP./SPP.)	0	0	1	0	0	1
STRAWBERRY (FRAGARIA SP./SPP.)	POWDERY MILDEW (SPHAEROTHECA SP./SPP.)	2	0	0	0	0	2
STRAWBERRY (FRAGARIA SP./SPP.)	STRAWBERRY BLACK SPOT FRUIT ROT (COLLETOTRICHUM FRAGARIAE)	1	0	0	0	0	1
SUMAC (RHUS SP./SPP.)	CROWN AND STEM ROT (FUSARIUM SP./SPP.)	1	0	0	0	0	1
SWEET BASIL (OCIMUM BASILICUM)	BASIL DOWNY MILDEW (PERONOSPORA BELBAHRII)	0	0	1	0	0	1
SWEET BASIL (OCIMUM BASILICUM)	BOTRYTIS DAMPING OFF (BOTRYTIS SP./SPP.)	0	0	1	0	0	1
SWISS CHARD (BETA VULGARIS VAR. CICLA)	ANGULAR LEAF SPOT (CERCOSPORA SP./SPP.)	1	0	0	0	0	1
TOMATILLO (PHYSALIS IXOCARPA)	BOTRYTIS DAMPING OFF (BOTRYTIS SP./SPP.)	0	0	1	0	0	1
TOMATILLO (PHYSALIS IXOCARPA)	SEEDCORN MAGGOT (DELIA (HYLEMYA) PLATURA)	2	0	0	0	0	2
TOMATO (LYCOPERSICON ESCULENTUM)	LEAF BLIGHT; LEAF SPOT (BOTRYTIS SP./SPP.)	0	0	1	0	0	1
TOMATO (LYCOPERSICON ESCULENTUM)	OEDEMA; EDEMA (ABIOTIC DISORDER)	0	0	1	0	0	1
TOMATO (LYCOPERSICON ESCULENTUM)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
TOMATO (LYCOPERSICON ESCULENTUM)	WHITE MOLD (SCLEROTINIA SP./SPP.)	1	0	0	0	0	1
TOMATO (LYCOPERSICON ESCULENTUM)	TWOSPOTTED SPIDER MITE (TETRANYCHUS URTICAE)	1	0	0	0	0	1
TOMATO (LYCOPERSICON ESCULENTUM)	MAGNESIUM DEFICIENCY (ABIOTIC DISORDER)	0	0	1	0	0	1

TOMATO (SOLANUM LYCOPERSICUM)	ALTERNARIA LEAF BLIGHT (ALTERNARIA SP./SPP.)	0	0	2	0	0	2
TOMATO (SOLANUM LYCOPERSICUM)	FREEZE; FROST; COLD DAMAGE (ABIOTIC DISORDER)	0	0	1	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	DROUGHT STRESS DAMAGE (ABIOTIC DISORDER)	0	0	0	0	1	1
TOMATO (SOLANUM LYCOPERSICUM)	NORTHERN ROOT-KNOT NEMATODE (MELOIDOGYNE HAPLA)	1	0	0	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	POTASSIUM DEFICIENCY (ABIOTIC DISORDER)	0	0	0	0	1	1
TOMATO (SOLANUM LYCOPERSICUM)	BACTERIAL CANKER (CLAVIBACTER MICHIGANENSIS MICHIGANENSIS)	1	0	0	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	BOTRYTIS FRUIT ROT (BOTRYTIS SP./SPP.)	1	0	0	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	NAILHEAD SPOT (ALTERNARIA TOMATO)	0	0	1	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	WHITE MOLD (SCLEROTINIA SP./SPP.)	0	0	1	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	WHITE MOLD (STEM ROT) (SCLEROTINIA SCLEROTIURUM)	0	0	1	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	CROWN ROT; ROOT ROT; STEM ROT (PHYTOPHTHORA SP./SPP.)	0	0	1	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	STEM ROT; CANKER AND BLIGHT (ALTERNARIA SP./SPP.)	1	0	0	0	0	1
TOMATO (SOLANUM LYCOPERSICUM)	TOMATO PITH NECROSIS (PSEUDOMONAS SP./SPP.)	0	0	2	0	0	2
TOMATO (SOLANUM LYCOPERSICUM)	EARLY BLIGHT; LEAF SPOT (ALTERNARIA SOLANI)	0	0	1	0	0	1
TURFGRASS (TURFGRASS MIXED SPECIES)	ANTS (FAMILY FORMICIDAE)	1	0	0	0	0	1
TURFGRASS (TURFGRASS MIXED SPECIES)	EUROPEAN CHAFER (EC) (RHIZOTROGUS MAJALIS)	1	0	0	0	0	1
TWOLEAF MITERWORT (MITELLA DIPHYLLA)	JUMPING WORM; CRAZY WORM (AMYNTHAS AGRESTIS)	0	1	0	0	0	1
VARIEGATED HORSETAIL (EQUISETUM VARIEGATUM)	HORSETAIL (EQUISETUM SP./SPP.)	1	0	0	0	0	1
VEGETABLES (MIXED SPECIES)	MEXICAN BEAN BEETLE (EPILACHNA VARIVESTIS)	1	0	0	0	0	1
WATERMELON (CITRULLUS LANATUS)	GUMMY STEM BLIGHT (DIDYMELLA SP./SPP.)	2	0	0	0	0	2
WATERMELON (CITRULLUS LANATUS)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	2	0	0	0	0	2
WEEPING CHERRY (PRUNUS X SNOFOZAM)	ALTERNARIA LEAF BLIGHT (ALTERNARIA SP./SPP.)	1	0	0	0	0	1
WHEAT (TRITICUM SP./SPP.)	LEAF SPOT (MICRODOCHIUM SP./SPP.)	1	0	0	0	0	1
WHEAT (TRITICUM SP./SPP.)	LEAF SPOT (STAGONOSPORA SP./SPP.)	5	0	0	0	0	5
WHEAT (TRITICUM SP./SPP.)	FUSARIUM BLIGHT (FUSARIUM GRAMINEARUM)	2	0	0	0	0	2
WHEAT (TRITICUM SP./SPP.)	SMUT (USTILAGO SP./SPP.)	3	0	0	0	0	3
WHEAT (TRITICUM SP./SPP.)	BIPOLARIS SPOT BLOTCH (BIPOLARIS SP./SPP.)	8	0	0	0	0	8
WHEAT (TRITICUM SP./SPP.)	STAGONOSPORA NODORUM BLOTCH (PARASTAGONOSPORA NODORUM)	4	0	0	0	0	4
WHEAT (TRITICUM SP./SPP.)	WHEAT POWDERY MILDEW (ERYSIPHE GRAMINIS F.SP. TRITICI)	0	0	1	0	0	1
WHEAT (TRITICUM SP./SPP.)	FOLIAR BLIGHT (FUSARIUM SP./SPP.)	2	0	0	0	0	2
WHEAT (TRITICUM SP./SPP.)	FUSARIUM BLIGHT (FUSARIUM SP./SPP.)	4	0	0	0	0	4
WHEAT (TRITICUM SP./SPP.)	LEAF SPOT (PARASTAGONOSPORA NODORUM)	1	0	0	0	0	1
WHEAT (TRITICUM SP./SPP.)	CEREAL/ GRASS DISEASE (BIPOLARIS SP./SPP.)	1	0	0	0	0	1
WHEAT (TRITICUM SP./SPP.)	LEAF SPOT (BIPOLARIS SP./SPP.)	1	0	0	0	0	1
WHEAT (TRITICUM SP./SPP.)	TAN SPOT; YELLOW LEAF SPOT (PYRENOPHORA TRITICI-REPENTIS)	3	0	0	0	0	3

WHEAT (TRITICUM SP./SPP.)	BLACK HEAD MOLD (EPICOCCUM NIGRUM)	1	0	0	0	0	1
WHEAT (TRITICUM SP./SPP.)	LEAF SPOT (BIPOLARIS SOROKINIANA)	1	0	0	0	0	1
WHEAT (TRITICUM SP./SPP.)	LEAF SPOT (EPICOCCUM SP./SPP.)	1	0	0	0	0	1
WHEAT (TRITICUM SP./SPP.)	SOOTY MOLD; BLACK DOT (EPICOCCUM SP./SPP.)	2	0	0	0	0	2
WILD GINGER (ASARUM SP./SPP.)	JUMPING WORM; CRAZY WORM (AMYNTHAS AGRESTIS)	1	0	0	0	0	1
WILD LETTUCE (LACTUCA GRAMINIFOLIA)	WILD LETTUCE (LACTUCA CANADENSIS)	1	0	0	0	0	1
ZUCCHINI SQUASH (CUCURBITA PEPO MELOPEPO)	NO INSECT FOUND (IDENTIFICATION ANALYSIS)	1	0	0	0	0	1
ZUCCHINI SQUASH (CUCURBITA PEPO MELOPEPO)	BACTERIAL BLIGHT (ERWINIA SP./SPP.)	0	0	1	0	0	1

PLEASE CONTACT GIOVANNA SASSI, PhD OR ANN HAZELRIGG, PhD WITH QUESTIONS OR CONCERNS ABOUT THIS REPORT GSASSI@UVM.EDU, ANN.HAZELRIGG@UVM.EDU

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