

Following report contains a summary of the samples submitted to the Plant Diagnostic Clinic from 01-Jan-2014 through 12/31/2014. A total of      sample(s) have been processed during this time period.

---

---

**The following is the Sample Submission Breakdown for the laboratory.**

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

**Table 1. Number of Sample Submissions by Month from 01-Jan-2002 to present.**

F~"/	G~	H O	* "/	†/	* "<	⊕~	⊕i	Dfl	, ~†	l ž+	E Ž4	6~ž	; Ž+†
%A1J	18	1\$	11	1A	81	\$8	\$8	8%	8J	%#	8	%	#1J
%A1\$		J	K	1J	88	\$8	. %	J2	\$K	%l	K	\$	#JJ
%A18	K	\$	J	%#	#J	. %	. A	. #	8%	%2	J	%l	#2J

**Table 2 Number of Sample Submissions by Client Type from 01-Jan-2014 through 31-Dec-2014.**

*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	Percentage
Individual	18	8.1%
Business	21	9.5%
Government	0	0.0%
Other	0	0.0%
Unknown	0	0.0%

**Table 4 Number of Sample Submissions by Diagnosis Needed from 01-Jan-2014 through 31-Dec-2014**

*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*



6 fl fl' Ž! fl' E ~ ~ ~ "	E D& O' / Ž5, " & † i'!	L
6 fl ~ " ! ~ 3	#1J	. 2)KA
3 ! ~ Ž + 3	\$8	1 #)J8
> i ~ + NP ~ ~ " 3	12	8)KA
l + ~ /	#	A). J
° ~ / O fl fl' ' 3 0 / <	#	A). J
> i ~ + ~ ~ " 1 + ~ ~ " i < fl	1	A) % \$
; Ž + i	#2J	1AAL

---

**Table 5 Number of Sample Submissions by Suspected Problem from 01-Jan-2014 through 31-Dec-2014.**

**Table 6 Number of Sample Submissions by Sample Source from 01-Jan-2014 through 31-Dec-2014**

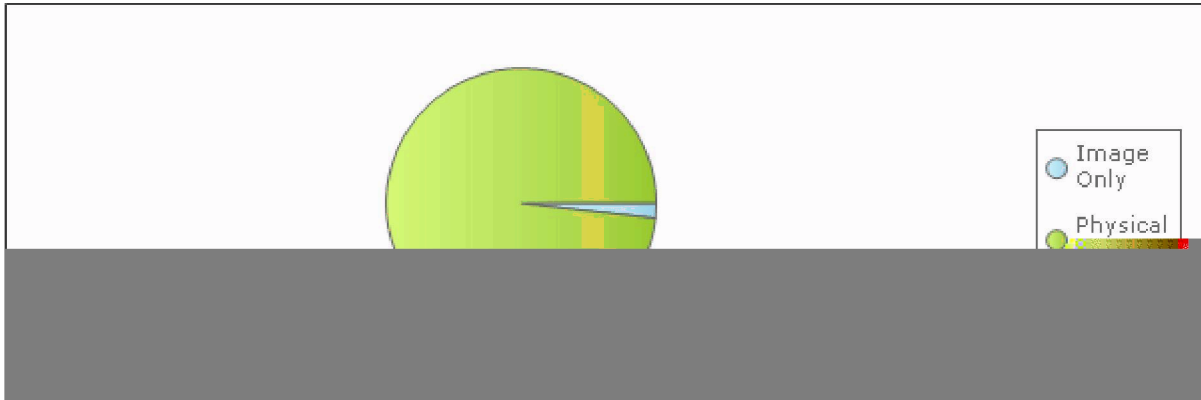
*This section reports sample source for the samples from all statuses. Hence, this section represents the total number of samples processed during this time period*



Sample Source	Number of Samples	%
Extension noncommercial	144	36.36
Extension commercial	127	32.07
Nonextension noncommercial	67	16.92
Nonextension commercial	57	14.39
Left Blank	1	0.25
Total	396	100%

**Table 7 Number of Sample Submissions by Type of Sample from 01-Jan-2014 through 31-Dec-2014**

*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
-------------





**Table 10 Number of Sample Submissions and Diagnosis/ID by Host/Habitat from 01-Jan-2014 through 31-Dec-2014**

*Notes: This section reports samples from all statuses. Each sample may have one or more diagnosis/identification and hence this section does not represent the total number of samples processed*

	Confirmed	Not Detected	Suspected	Inconclusive
(Host,Diagnosis/ID) (1,2)				
Mites (Order acari)	1	0		

Rhizoctonia Root; Crown Rot (Rhizoctonia sp./spp.)	1	0	0	0
<i>(Host,Diagnosis/ID) (1,1)</i>				
Dothistroma Needle Blight (Mycosphaerella (ana. Dothistroma) pini (ana. septospora))	1	0	0	0
<i>(Host,Diagnosis/ID)</i>				
<i>(4,5)</i>				
Leaf and Flower Gall (Exobasidium sp./spp.)	2	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Spindletree Ermine Moth (Yponomeuta cagnagellus)	1	0	0	0
Winter Injury (Abiotic disorder)	0	0	1	0
<i>(Host,Diagnosis/ID) (3,4)</i>				
Balsam Twig Aphid (Mindarus pinicola (abietinus))	1	0	0	0
Crown and Root Rot (Phytophthora sp./spp.)	1	0	0	0
Rhizosphaera Needle Cast (Rhizosphaera pini)	1	0	0	0
Rhizosphaera Needle Cast (Rhizosphaera sp./spp.)	1	0	0	0
<i>(Host,Diagnosis/ID) (2,2)</i>				
Bacterial Blight (Xanthomonas campestris phaseoli)	1	0	0	0
Heat Stress (Abiotic disorder)	0	0	1	0
<i>(Host,Diagnosis/ID) (1,1)</i>				
Common Bacterial Blight (Xanthomonas campestris pv. phaseoli)	1	0	0	0
<i>(Host,Diagnosis/ID) (1,1)</i>				
Broad Mite (Polyphagotarsonemus latus)	1	0	0	0
<i>(Host,Diagnosis/ID) (1,1)</i>				
Broad Mite (Polyphagotarsonemus latus)	1	0	0	0
<i>(Host,Diagnosis/ID) (1,1)</i>				
Bronze Birch Borer (Agrilus anxius)	0	0	1	0
<i>(Host,Diagnosis/ID) (2,6)</i>				
Dothistroma Needle Blight (Mycosphaerella (ana. Dothistroma) pini (ana. septospora))		0	0	0
Rhizosphaera Needle Cast (Rhizosphaera sp./spp.)	1	0	0	0
Spruce Needleminer (Endothenia albolineana)	0	0	1	0
Spruce Spider Mite (Oligonychus ununguis)	1	0	0	0
Sudden Needle Drop: Spruce Needle Drop (Setomelanomma holmii)	2	0	0	0
<i>(Host,Diagnosis/ID) (1,1)</i>				

Sudden Needle Drop: Spruce Needle Drop ( <i>Setomelanomma holmii</i> )	1	0	0	0
<b>Blueberry (<i>Vaccinium</i> sp./spp.) (<i>Host,Diagnosis/ID</i>) (11,20)</b>				
Blueberry Leaf Spot ( <i>Diaporthe</i> ( <i>Phomopsis</i> ) <i>vaccinii</i> )	1	0	0	0



Cedar-apple Rust (*Gymnosporangium juniperi-*

Verticillium Wilt ( <i>Verticillium</i> sp./spp.)	0	0	1	0
<b>Elm (<i>Ulmus</i> sp./spp.)</b> ( <i>Host,Diagnosis/ID</i> ) (1,1)				
Dutch Elm Disease ( <i>Ophiostoma</i> sp./spp.)	0	0	1	0
<b>Euonymus (<i>Euonymus</i> sp./spp.)</b> ( <i>Host,Diagnosis/ID</i> ) (1,1)				
Euonymus Leaf Notcher ( <i>Pryeria sinica</i> )	1	0	0	0
<b>Fir (<i>Abies</i> sp./spp.)</b> ( <i>Host,Diagnosis/ID</i> ) (1,1)				
Spruce Spider Mite ( <i>Oligonychus ununguis</i> )	1	0	0	0
<b>Firewood (habitat)</b> ( <i>Host,Diagnosis/ID</i> ) (1,1)				
Grapevine Beetle ( <i>Pelidnota punctata</i> )	1	0	0	0
<b>Fraser Fir (<i>Abies fraseri</i>)</b> ( <i>Host,Diagnosis/ID</i> ) (1,1)				
Crown and Root Rot ( <i>Phytophthora</i> sp./spp.)	1	0	0	0
<b>Fraser Fir (<i>Abies fraseri</i>) &amp; Balsam ()</b> ( <i>Host,Diagnosis/ID</i> ) (1,1)				
Crown and Root Rot ( <i>Phytophthora</i> sp./spp.)	1	0	0	0
<b>Fringetree; Old man's beard (<i>Chionanthus virginicus</i>)</b> ( <i>Host,Diagnosis/ID</i> ) (1,1)				
Lilac Leafminer ( <i>Caloptilia syringella</i> )	0	0	1	0
<b>Garden Beet (<i>Beta vulgaris</i>)</b> ( <i>Host,Diagnosis/ID</i> ) (2,2)				
Beet Leafminer; Spinach Lm ( <i>Pegomya hyoscyami</i> )	1	0	0	0
Southern Blight ( <i>Sclerotium rolfsii</i> )	1	0	0	0
<b>Garlic (<i>Allium sativum</i>)</b> ( <i>Host,Diagnosis/ID</i> ) (7,15)				
Botrytis Bulb and Root Rot ( <i>Botrytis</i> sp./spp.)	2	0	0	0
Bulb Mite ( <i>Rhizoglyphus</i> sp./spp.)	2	0	0	0
Crown Rot ( <i>Rhizoctonia</i> sp./spp.)	1	0	0	0
Fusarium Basal Rot ( <i>Fusarium oxysporum</i> f.sp. cepae)	1	0	0	0
Fusarium Dry Rot; Bulb Rot ( <i>Fusarium</i> sp./spp.)	1	0	0	0
Garlic Mosaic (Undetermined Virus Complex)	u	0	0	t 1 btin 0 ia
Garlic Penicillium Decay ( <i>Penicillium hirsutum</i> )	1	0	0	0
Leek Moth ( <i>Acrolepiopsis assectella</i> )	2	0	0	0
No Pathogen Found (Identification Analysis)	1	0	0	0
Sclerotinia Rot ( <i>Sclerotinia sclerotiorum</i> )	1	0	0	0
Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
White Rot ( <i>Stromatinia (Sclerotium) cepivora (cepivorum)</i> )	1	0	0	0
<b>Garlic (<i>Allium sativum</i>) Russian Red ()</b> ( <i>Host,Diagnosis/ID</i> ) (1,4)				
Bulb Mite ( <i>Rhizoglyphus</i> sp./spp.)				





Dermestid Beetle ( <i>Attagenus brunneus</i> )	1	0	0	0
Dermestid Beetle ( <i>Trogoderma glabrum</i> )	1	0	0	0
Fungus Gnat ( <i>Sciara</i> sp./spp.)	1	0	0	0
German Cockroach ( <i>Blattella germanica</i> )	1	0	0	0
Merchant Grain Beetle ( <i>Oryzaephilus mercator</i> )	1	0	0	0
Pennsylvania Ground Beetle ( <i>Harpalus pennsylvanicus</i> )	1	0	0	0
Small Dung Fly (Family Sphaeroceridae)	1	0	0	0
<i>(Host,Diagnosis/ID) (3,4)</i>				
Insect Damage (Unidentified Insect)	0	0	1	0
Potworms (Family Enchytraeidae)	1	0	0	

Broad Mite ( <i>Polyphagotarsonemus latus</i> )	1	0	0	0
---	---	---	---	---

Eriophyid Mites (Family Eriophyidae)	1	0	0	0
--------------------------------------	---	---	---	---

*(Host,Diagnosis/ID) (1,1)*

	1	0	0	0
Tipburn (Abiotic disorder)	1	0	0	0
<i>(Host,Diagnosis/ID) (2,2)</i>				
Habrosyne gloriosa (Depramidae) ()	1	0	0	0
Unknown Abiotic Disorder (Abiotic disorder)	0	0	1	0
<i>(Host,Diagnosis/ID) (1,1)</i>				
Verticillium Wilt (Verticillium sp./spp.)	0	0	1	0
<i>(Host,Diagnosis/ID) (3,4)</i>				
Gouty Oak Gall ()	2	0	0	0
Oak Leaf Blister (Taphrina caerulescens)	1			

	1	0	0	0
Pear Stony Pit; Apple Stem Pit (Pear Stony Pit Virus)	0	0	1	0

Insect Damage (Unidentified Insect)

0

0

1

0

Jelly

*(Host,Diagnosis/ID) (1,1)*

Verticillium Wilt (Verticillium sp./spp.)

0

0

1

0

*(Host,Diagnosis/ID) (1,1)*

Rose

	1	0	0	0
Bulb Mite ( <i>Rhizoglyphus</i> sp./spp.)	1	0	0	0
Cladosporium Leaf Spot ( <i>Cladosporium</i> sp./spp.)	1	0	0	0
Darkwinged Fungus Gnats (Family <i>Sciaridae</i> sp./spp.)	1	0	0	0

Not

Verticillium Wilt (Verticillium sp./spp.)	0	0	1	0
<i>(Host,Diagnosis/ID) (1,4)</i>				
Alternaria Collar Rot (Alternaria sp./spp.)	1	0	0	0
Botrytis Damping Off (Botrytis sp./spp.)	1	0	0	0
Fusarium Root Rot (Fusarium sp./spp.)	1	0	0	0
Rhizoctonia Damping Off (Rhizoctonia sp./spp.)	1	0	0	0
<i>(Host,Diagnosis/ID) (1,1)</i>				
Chlorotic Leaf Mottle (Abiotic disorder)	0	0	1	0
<i>(Host,Diagnosis/ID) (4,4)</i>				
Downy Mildew (Peronospora belbahrii)	1	0	0	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	1	0
Green Peach Aphid (Myzus persicae)	1	0	0	0
Rhizoctonia Damping Off (Rhizoctonia sp./spp.)	1	0	0	0
<i>(Host,Diagnosis/ID) (2,3)</i>				
Sweetpotato Feathery Mottle (Sweetpotato Feathery Mottle Virus (SPFMV))	0	0	1	0
Sweetpotato Scurf (Monilochaetes infuscans)	2	0	0	0
<i>(Host,Diagnosis/ID) (2,2)</i>				
Beet Leafminer; Spinach Lm (Pegomya hyoscyami)	1	0	0	0
Cercospora Beet Leaf Spot (Cercospora beticola)	1	0	0	0
<i>(Host,Diagnosis/ID) (2,4)</i>				
Alternaria Leaf Blight (Alternaria sp./spp.)	1	0	0	0
Anthracnose; Colletotrichum Leaf Spot (Colletotrichum sp./spp.)	1	0	0	0
Crown and Root Rot (Pathogen complex)	1	0	0	0
Oedema; Edema (Abiotic disorder)	1	0	0	0
<i>(Host,Diagnosis/ID) (45,59)</i>				
Alternaria Leaf Spot (Alternaria sp./spp.)	3	0	0	0
Bacterial Wilt; Canker; Rot (Clavibacter sp./spp.)	1	0	0	0
Botrytis Fruit Rot (Botrytis sp./spp.)	1	0	0	0
Broad Mite (Polyphagotarsonemus latus)	0	0	1	0
Cladosporium Mold (Cladosporium sp./spp.)	1	0	0	0
Corynespora Leaf Spot (Corynespora cassicola)	1	0	0	0
Cyclamen Mite (Phytonemus (Steneotarsonemus) pallidus)	0	0	1	0
Early Blight; Leaf Spot (Alternaria solani)	5	0	0	0
Environmental Stress; Problem (Abiotic disorder)	1	0	1	0
Excessive Water (Abiotic disorder)	0	0	1	0
Fertilizer Injury (Abiotic disorder)	0	0	1	0
Freeze; Frost; Cold Damage (Abiotic disorder)	0	0	2	0
Green Peach Aphid (Myzus persicae)	1	0	0	0
Grey Leaf Spot (Stemphylium solani)	1	0	0	0
Late Blight (Phytophthora infestans)	8	0	0	0
Leaf /Stem/Twig Blight; Rot; Gray Mold (Botryotinia (Botrytis) fuckeliana)	2	0	0	0







