

POTATO UPDATE

Volume VII, Issue 5

Hermiston Agricultural Research and Extension Center

May 31, 2013

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Insect Trap Report

Area Pest Alert, Umatilla & Morrow Co.

Traps are collected on Thursdays.

TRAP	PTW	BLH	OLH
1	0	0	9
2	0	0	56
3	0	3	29
4	0	3	16
5	0	0	14
6	0	10	20
7	0	6	2
8	0	6	5
9	0	0	1
10	0	1	5
11	0	0	23
12	0	5	13
13	0	0	3
14	0	2	5
15	0	0	1
16	0	0	3
17	0	2	14
18	1	0	9
19	0	5	2
20	0	0	0
21	0	0	1
22	1	0	7
23	0	0	0
24	0	0	0
25	0	0	0
26	0	0	1
27	0	1	5
28	0	1	6
29	0	0	7
30	0	0	2
31	1	0	14
32	0	0	4
33	1	4	46
34	8	0	1

PTW: Potato Tuberworm
 BLH: Beet Leafhopper
 OLH: Other Leafhopper

From BLH yellow sticky cards located outside potato circles.

TRAP	PP	OP
1	0	0
2	0	0
3	0	0
4	0	2
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	1
30	0	0
31	0	0
32	0	0
33	0	0
34	0	0

PP: Potato Psyllid
 OP: Other Psyllids

From DVAC (5-10 feet from the edge of the field; 5 minutes)*.

TRAP	PP	OP
1		
2	0	18
3		
4		
5	0	0
6		
7		
8	0	0
9		
10		
11		
12		
13		
14		
15	0	0
16		
17		
18		
19		
20		
21		
22		
23		
24	0	0
25		
26	0	0
27		
28		
29		
30	0	0
31		
32		
33		
34	0	0

PP: Potato Psyllid
 OP: Other Psyllids
 * selected sites were sampled

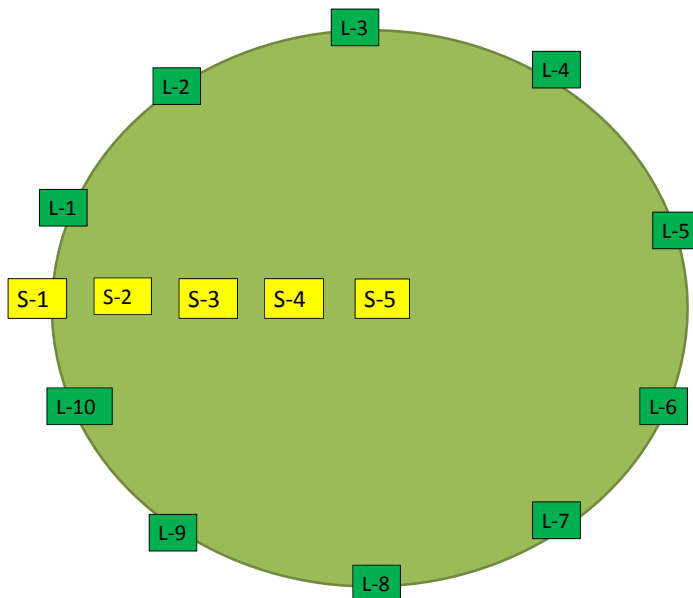
Too busy to attend our potato psyllid workshop??? ...No worries, more information below

Besides looking for adults, leaf samples can be used to monitor potato psyllid eggs and nymphs!

Tips for leaf samples

- Sample around the perimeter of your circle.
- We suggest a minimum of 10 samples per circle.
- Use a hand lens. First nymphal stage and eggs are really small!!!

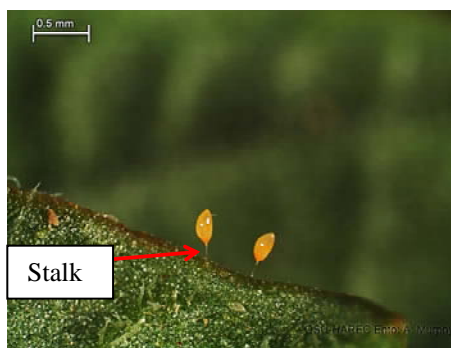
See figure for an example of how to sample potato fields. Leaf samples (green boxes - L) around the perimeter, and a line of 5 sticky cards (yellow boxes - S) from the edge to the center pivot. Set up cards following prevailing winds.



Identifying Potato Psyllid Eggs and Nymphs

Eggs

- Extremely small
- Gold to yellow
- Football-shaped
- Suspended on a stalk
- Laid individually
- Frequently found on leaf margins



Nymphs

- Large size range
- Use a hand lens
- Have legs and will move
- Hairs along sides
- Wing pads may be visible



The OSU insect ID service can help you with your samples. Please contact Carol Mills 541-567-8321. *Your extension agent*