

POTATO UPDATE

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Hermiston Agricultural Research and Extension Center

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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	17
2	0	4	31
3	0	1	35
4	0	2	9
5	0	0	17
6	0	6	3
7	0	11	7
8	0	1	25
9	0	0	0
10	0	4	15
11	0	0	15
12	0	7	29
13	n/a	6	1
14	0	0	7
15	n/a	0	1
16	0	0	7
17	0	5	16
18	0	1	6
19	0	10	8
20	0	9	6
21	0	0	1
22	0	2	33
23	0	1	6
24	0	2	0
25	0	5	6
26	0	1	0
27	0	2	4
28	0	0	12
29	0	1	2
30	0	3	1
31	0	0	18
32	0	14	9
33	0	1	17
34	0	12	2

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

PP: Potato Psyllid

OP: Other Psyllids

* selected sites were sampled

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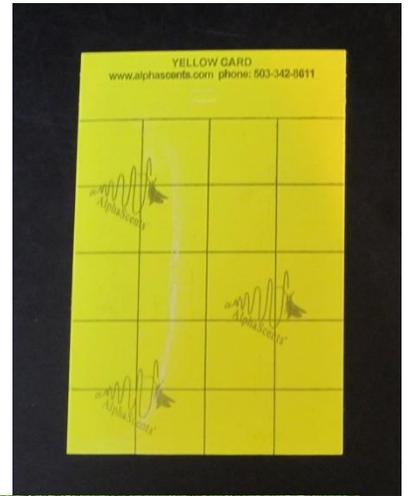
2013 Potato Psyllids Workshops – Refresher Course

The Rondon lab recently offered the first series of workshops on potato psyllid identification. I hope you were able to make it! If not, there is some relevant information below.

As your potatoes emerge, you will want to start monitoring for potato psyllids. It is very important to detect the first potato psyllids migrating into a potato field. Several monitoring techniques can be used, though we recommend using a combination of yellow sticky cards and DVAC samples for adults.

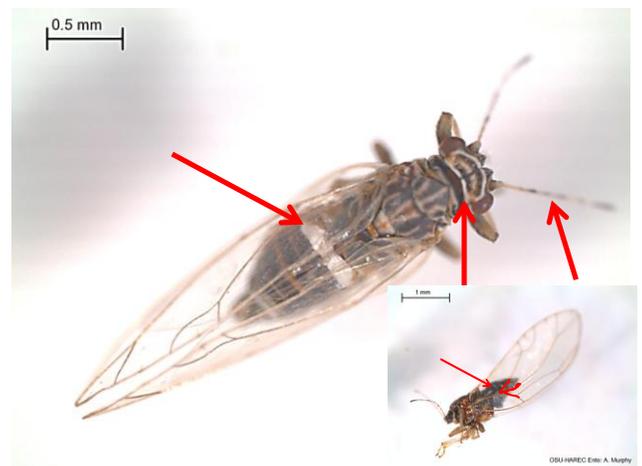
Tips for Monitoring Psyllids

- Yellow card from AlphaScents (4 X 6'). They worked the best last year.
- Multiple cards should be placed in a potato field (1-5). From center pivot to the edge.
- Inverted leaf blower = a 'bug vacuum.' Vacuum for 5 min, 5-10 ft along the edge of a circle.
- For demonstrations:
 - **Preparing the DVAC:** <http://youtu.be/sRa6vTPYFxM>
 - **Using the DVAC:** <http://youtu.be/dLpI3jkCjXQ>
 - **Placing samples in the bag:** <http://youtu.be/GztHvFxXyW4>



Are potato psyllid adults arriving in your fields?

- 2.5-3.5 mm long.
- Grey/brown body.
- Large white stripe on the abdomen.
- Striped light and dark antennae (zebra antennae).
- Circular white and black pattern on head.
- Wing venation: three veins branching out from the same location.
- Clear wings.



The first adult psyllid was found in WA this week

(<http://potatoes.wsu.edu/survey/PotatoInsectSurvey.html>). Remember, that the potato psyllid has to carry the bacteria to transmit zebra chip disease!!! That single sample is currently being tested. It is not a surprise to find a potato psyllid this early since they can survive on hosts like bittersweet nightshade in the Pacific Northwest. More information next week!!! Your OSU extension agent