

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	GPA	PA	OA
1	7	3	28	4	3	3
2	0	2	285	0	0	1
3	0	3	43	0	0	0
4	0	7	26	0	0	5
5	0	7	9	0	0	2
6	0	18	40	0	0	0
7	0	31	12	0	0	1
8	1	3	9	0	0	0
9	0	1	12	0	0	5
10	0	27	22	1	0	0
11	0	3	7	0	0	0
12	0	3	2	1	0	0
13	0	17	6	0	0	0
14	0	39	4	0	0	0
15	0	35	4	0	0	0
16	0	2	5	0	0	0
17	1	6	6	0	0	0
18	0	2	3	1	0	0
19	0	12	5	0	0	2
20	0	1	2	0	0	0
21	0	2	5	0	0	0
22	0	2	35	0	0	0
23	0	0	7	0	0	0
24	0	1	3	0	0	0
25	0	3	3	0	0	1
26	5	3	2	0	0	0
27	0	16	13	0	0	0
28	0	4	18	NA	NA	NA
29	0	1	6	0	0	0
30	0	1	2	0	0	0
31	0	7	12	0	0	1
32	0	14	9	0	0	1
33	0	7	17	3	0	0
34	48	37	9	0	2	1

PTW: Potato Tuberworms
BLH: Beet Leafhoppers
OLH: Other Leafhoppers

GPA: Green Peach Aphids
PA: Potato Aphids
OA: Other Aphids

From BLH yellow sticky cards located outside potato circles.

TRAP	PP	OP
1	0	37
2	0	231
3	0	203
4	0	54
5	0	4
6	0	3
7	0	3
8	0	3
9	0	1
10	0	13
11	0	1
12	0	0
13	0	0
14	0	21
15	0	17
16	0	2
17	0	2
18	0	14
19	0	7
20	0	1
21	0	1
22	0	6
23	0	1
24	0	0
25	0	6
26	0	1
27	0	2
28	0	18
29	0	4
30	0	4
31	0	2
32	0	1
33	0	0
34	0	4

PP: Potato Psyllids
OP: Other Psyllids

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

TRAP	PP	OP
1		
2	0	2
3		
4		
5	0	1
6		
7		
8	NA	NA
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	NA	NA
34	0	0

PP: Potato Psyllids
OP: Other Psyllids

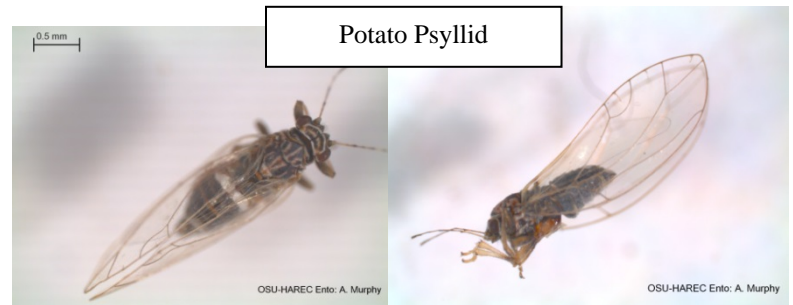
* selected sites were sampled

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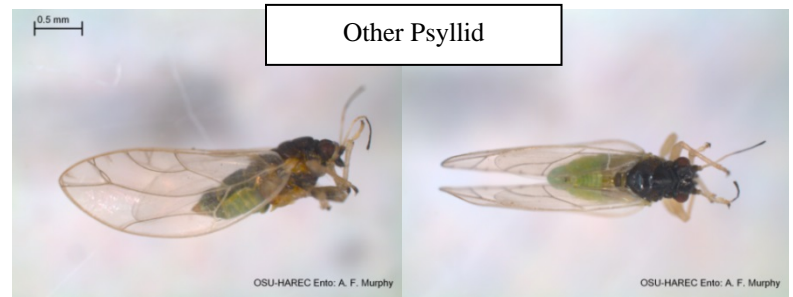
Finding lots of 'other' psyllids?

As you may have noticed, the numbers of OTHER psyllids have been relatively high the past few weeks. If you're seeing some psyllids that just don't quite look like potato psyllid, you are right! A true potato psyllid is shown on the right and below are some of the other psyllids you may find in your traps.



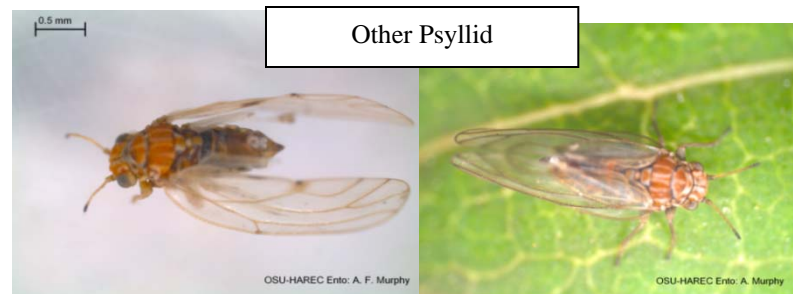
We know this is **NOT** potato psyllid because:

- Antennae are not striped, just a black tip
- Solid black head
- Green abdomen



We know this is **NOT** potato psyllid because:

- Antennae are not striped, just a black tip
- No 'zebra head' or white ring around head, just brown stripes
- Wing veins are a Y, not 'three branched'



We know this is **NOT** potato psyllid because:

- No 'zebra head' or white ring around head
- Wing veins are a Y, not 'three branched'
- Two prominent genal cones that look like teeth on the front of the head, the potato psyllid does not have prominent 'teeth'



Some of this information was provided by Dr. Andrew Jensen. The OSU insect ID service can help you with your samples. Please contact Carol Mills 541-567-8321. *Your extension agent*

HAREC Plant Pathology Lab Potato Disease Update 6/13/13

PVY symptoms are beginning to be expressed in both planted potatoes and volunteers. Common early season diseases such as black leg and Rhizoctonia canker also are showing up. No late blight has been reported yet this year in the Columbia Basin. More potato psyllids have been found in the Columbia Basin but all of them have tested negative for the zebra chip pathogen. Jordan Eggers, OSU HAREC Plant Pathology Lab Manager