

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	6	3	6	2	0	8
2	0	3	154	0	0	1
3	1	3	112	6	0	0
4	0	3	34	0	0	0
5	0	0	7	1	0	1
6	0	13	28	4	0	0
7	0	14	5	0	1	6
8	1	3	21	0	0	0
9	1	2	10	0	0	0
10	0	14	5	0	0	1
11	0	3	11	1	0	0
12	0	0	9	0	0	0
13	1	8	28	0	0	0
14	1	11	3	3	0	0
15	0	12	12	4	0	0
16	0	6	3	0	0	1
17	2	5	4	1	0	0
18	0	2	7	0	0	0
19	4	3	25	3	0	0
20	1	2	7	3	0	0
21	0	16	11	0	0	0
22	0	3	57	3	0	0
23	0	9	15	1	0	0
24	0	0	3	0	0	0
25	0	16	10	1	0	1
26	9	16	2	0	0	0
27	0	15	14	1	0	1
28	0	2	12	6	0	3
29	1	3	15	3	0	1
30	0	7	3	0	0	0
31	1	5	5	8	0	0
32	0	26	9	12	0	0
33	0	0	2	8	0	0
34	51	55	14	2	0	1

PTW: Potato Tuberworms

GPA: Green Peach Aphids

BLH: Beet Leafhoppers

PA: Potato Aphids

OLH: Other Leafhoppers

OA: Other Aphids

From BLH yellow sticky cards located outside potato circles.

TRAP	PP	OP
1	0	12
2	0	30
3	0	451
4	0	36
5	0	8
6	0	3
7	0	1
8	0	10
9	0	15
10	0	3
11	0	3
12	0	1
13	0	1
14	0	9
15	0	11
16	0	6
17	0	4
18	0	9
19	0	6
20	0	3
21	0	1
22	0	14
23	0	0
24	0	0
25	0	0
26	0	1
27	0	1
28	0	28
29	0	0
30	0	0
31	0	0
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	0
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	NA	NA
27		
28		
29		
30	0	0
31		
32		
33	NA	NA
34	0	0

PP: Potato Psyllids

OP: Other Psyllids

* selected sites were sampled

HAREC Potato Field Day Wednesday, June 26th, 8:00am-1:00pm Lunch will be provided by Syngenta

Are you seeing any natural enemies?

While it is always recommended to monitor for potato pests, it is also good to remember that many of the insects in potato fields are beneficial. Have you seen some of these insects in your fields? If so, that's good news for you!

Big-eyed bug

- Eats many potato pests
- Easily identified by the big, red eyes
- Likes to eat aphids



Damsel bug

- Eats many potato pests
- Front legs resemble those of a praying mantis
- Large predator
- Likes to eat aphids, but also eats CPB larvae



Minute Pirate bug

- Eats many potato pests
- Extremely tiny
- Black and white pattern resembles pirate flag
- A good predator of psyllids



Lacewings

- Eats many potato pests
- Large green or brown insects
- Larvae are good predators of aphids and psyllids
- Eggs are on long stalks



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 6/21/13

No late blight has been reported in the basin yet. Due to the recent weather growers should be scouting fields and tracking the 10 day forecast so they can plan fungicide applications prior to heavy precipitation. Call the Oregon late blight hotline, 1-800-705-3377 for the status of this disease in the basin. Jordan Eggers, OSU HAREC Plant Pathology Lab Manager