

OREGON STATE UNIVERSITY

POTATO UPDATE

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Hermiston Agricultural Research and Extension Center

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Insect Trap Report

Area Pest Alert Serving Umatilla & Morrow County

Traps are collected on Thursdays.

TRAP	PTW	BLH	OLH	PA	GPA	OA
1	6	0	7	0	0	0
2	0	1	8	0	0	0
3	0	2	36	0	0	0
4	3	0	23	0	0	0
5	1	0	17	0	0	0
6	0	0	21	0	0	0
7	0	0	12	0	1	0
8	0	0	11	0	0	0
9	0	0	2	0	0	0
10	0	0	2	0	0	0
11	0	0	7	0	0	0
12	0	0	2	0	0	0
13	11	0	0	0	0	0
14	0	0	1	0	2	0
15	0	0	0	0	0	0
16	2	0	2	0	0	0
17	0	2	4	0	0	0
18	1	0	0	0	0	0
19	1	0	1	1	0	0
20	0	0	4	0	0	0
21	1	0	4	0	0	0
22	0	0	5	0	0	0
23	0	0	6	0	0	0
24	0	1	2	0	0	0
25	0	0	2	0	0	0
26	4	0	2	0	0	0
27	0	0	3	0	0	0
28	1	1	72	0	0	0
29	0	1	5	0	0	0
30	0	0	6	0	0	0
31	0	0	10	0	0	0
32	0	0	0	0	0	0
33	3	0	3	0	0	0
34	16	1	4	0	0	0

PTW: Potato Tuberworm

BLH: Beet Leafhopper

OLH: Other Leafhopper

PA: Potato Aphid

GPA: Green Peach Aphid

OA: Other Aphid

From BLH yellow sticky cards located outside potato circles.

TRAP	PP	OP
1	0	28
2	0	18
3	0	22
4	0	33
5	0	39
6	0	5
7	0	6
8	0	2
9	0	0
10	0	8
11	0	3
12	0	7
13	0	5
14	0	56
15	0	23
16	0	0
17	0	67
18	0	55
19	0	4
20	0	7
21	0	5
22	0	5
23	0	105
24	0	42
25	0	19
26	0	12
27	0	34
28	0	47
29	0	22
30	0	74
31	0	0
32	0	0
33	0	0
34	0	1

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

PP: Potato Psyllid

OP: Other Psyllids

* selected sites were sampled

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Pest Observations in the Lower Columbia Basin the Week of July 16

Although many pest concerns have dissipated in the wake of persistent hot and wet conditions, those conditions are likely to exacerbate infestations of other pests such as two spotted spider mites and thrips. If you are seeing discolored leaves (yellowing or bronzing), tap the leaves over a sheet of white paper to dislocate mites. If you observe tiny specks moving on the paper, chances are you have mites in that field. Follow same procedure for thrips.

Aphids and Beet Leafhoppers counts are still low. However, potato tuber moths are increasing!!!! We will discuss this topic in more detail next issue. Potato psyllids continue to be found in sentinel plots in Paterson, Pasco, Prosser, Hermiston, and Yakima. These plots were established to monitor first influx of psyllids (sentinel plots=small isolated plots, no insecticides applied at planting). None of the potato psyllids collected in Oregon and Washington so far this season has tested positive for Liberibacter, the bacterium that causes zebra chip disease.

Other interesting report this week: blister beetles (see picture). Blister beetles are common throughout the U.S.. Blister beetles are infrequent pests of potatoes where they normally cause limited plant damage. However, when they are ingested by horses or other livestock, serious illness or even death may result.



Check our latest publication

PNW 633, Potato Psyllid Vector of Zebra Chip Disease in the Pacific Northwest: Biology, Ecology, and Management

Authors: Silvia Rondon, Alan Schreiber, Andrew Jensen, Philip Hamm, Joseph Munyaneza, Phillip Nolte, Nora Olsen, Erik Wenninger, Don Henne, Carrie Wohleb, and Tim Waters

New June 2012, 8 pages, \$5.00

<http://ir.library.oregonstate.edu/xmlui/bitstream/handle/1957/30058/pnw633.pdf>

For more information contact your extension agent....*Silvia Rondon, Extension Entomologist Specialist*

Plant Pathology Lab Potato Disease Update

Early die is becoming more pronounced in the field. The early stages of common and powdery scab lesions should be noticeable on infected tubers. The best prevention for both scab diseases is to not overwater, especially on fields where plants are beginning "to go down". Late blight has **NOT** been report in the Columbia Basin yet this year. If you have any questions regarding plant diseases, feel free to give me a call at 541-567-8321....*Jordan Plant Pathology Manager*