

POTATO UPDATE

Volume VI, Issue 8

Hermiston Agricultural Research and Extension Center

June 25, 2012

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Insect Trap Report

Area Pest Alert Serving Umatilla & Morrow C
Traps are collected on Thursdays.

TRAP	PTW	BLH	OLH	OA
1	1	0	0	3
2	0	0	0	6
3	0	0	2	14
4	0	1	8	8
5	2	0	12	8
6	0	0	0	21
7	0	0	0	2
8	0	0	0	0
9	0	0	4	10
10	0	0	0	12
11	0	0	11	2
12	0	0	0	6
13	0	0	0	28
14	2	0	0	60
15	1	0	2	22
16	0	0	4	10
17	0	3	5	10
18	4	2	19	9
19	0	1	3	17
20	0	0	0	1
21	0	0	0	3
22	0	0	0	35
23	0	0	2	7
24	0	2	1	4
25	0	0	0	0
26	4	0	0	7
27	0	0	1	27
28	missing	missing	missing	0
29	0	2	13	1
30	0	0	0	5
31	0	0	9	14
32	0	4	6	6
33	0	0	8	3
34	14	0	0	6

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

From BLH yellow sticky cards
located outside potato circles.

TRAP	PP	OP
1	0	7
2	0	61
3	0	46
4	0	4
5	0	33
6	0	1
7	0	0
8	0	1
9	0	0
10	0	0
11	0	2
12	0	1
13	0	4
14	0	18
15	0	1
16	0	0
17	0	2
18	0	1
19	0	4
20	0	0
21	0	0
22	0	0
23	0	0
24	0	2
25	0	0
26	0	0
27	0	0
28	missing	missing
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	1
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16	0	0
17		
18		
19		
20		
21		
22		
23		
24	0	0
25		
26	0	1
27		
28	missing	missing
29		
30	0	0
31		
32		
33		
34	0	0

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

OREGON STATE UNIVERSITY

Zebra Chip Update - Lower Basin

We are monitoring potato fields in Oregon for potato psyllids and Liberibacter, the bacterium that causes zebra chip disease. This week we got more reports coming from Oregon and Washington, regarding the presence of potato psyllids in commercial fields. We are still processing some of the samples collected this week. As today (6/22/12) all tested NEGATIVE.

Do not forget other potato pests

Winged aphids were collected in small number this week. Wingless aphids (Potato aphids the majority) were found in potato plants. If you used a systemic insecticide at planting, your protection may be expiring soon. Potato tuberworm adults are already present in potato fields. Remember that tuberworm are not considered a major problem until you get rid of the foliage and your tubers are ready to be harvested.

For more information contact your local extension agent... *Silvia Rondon*

OSU-HAREC Plant Pathology Laboratory Potato Disease Update

More samples of seed borne PVY infection have been submitted to the lab and symptoms in the field should be evident. Plants with black leg should also be very obvious in the field. The first early blight infection was submitted to the lab this week. The early blight lesions were on plants infected with PVY. No late blight has been reported in the Columbia Basin yet this year. If you have questions regarding potato diseases or would like more information on disease diagnostic services at HAREC, please call 541-567-8321.....*Jordan Eggers*, HAREC Plant Pathology Lab Manager

Mark your Calendar OSU-HAREC Potato Field Day June 27