

POTATO UPDATE

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Hermiston Agricultural Research and Extension Center

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Potato Tubeworm found early this year!!!

Several call this week regarding an “old” pest. This is early compared to previous years. The potato tuberworm (PTW) is a pest of many Solanaceous crops including potatoes. This is one of the most important constraints to potato production worldwide. Larvae of this species mine leaves, stems, and petioles and excavate tunnels through potato tubers.

If you want to know more about PTW visit

<http://www.plantmanagementnetwork.org/edcenter/seminars/potato/Tuberworm/>. There is a podcast with some basic information. Presentation is available through July 31, 2014.....*Silvia Rondon, Extension Entomologist.*



(Top left) the larva is creamy white with a dark brown head, it turns from greenish to pink as it matures. The larva is 13 to 19 mm long when fully grown; **(Top right)** the small, slender moth has narrow, gray forewings with dark brown spots. Both sets of wings are fringed. The moth's body is about 8 mm long and its wingspan about 13 mm. The female is slightly larger than the male; **(Bottom left)** PTW attacks potato foliage and tubers. The PTW feeds and tunnels between the upper and lower surfaces of leaves; in tubers, PTW causes tunneling; **(Bottom right)**, Delta pheromone traps; lures must be replaced one a month; sticky cards every week.

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

PTW: Potato Tuberworms

BLH: Beet Leafhoppers

OLH: Other Leafhoppers

GPA: Green Peach Aphids

PA: Potato Aphids

OA: Other Aphids

From yellow sticky cards located outside potato circles.

TRAP	PP	OP
1	0	12
2	0	58
3	0	314
4	0	32
5	0	111
6	0	1
7	0	16
8	0	115
9	0	10
10	0	7
11	0	12
12	0	7
13	0	1
14	0	0
15	0	7
16	0	6
17	0	2
18	0	1
19	0	3
20	0	2
21	0	2
22	0	8
23	0	1
24	0	5
25	0	11
26	0	3
27	0	9
28	0	9
29	0	1
30	0	9
31	0	0
32	0	1
33	0	2
34	0	0

PP: Potato Psyllids

OP: Other Psyllids

June 25, Potato Field Day at the HAREC. Lunch will be provided. Hope to see you there.....*the HAREC team*