

POTATO UPDATE

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Hermiston Agricultural Research and Extension Center

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Should we worry about white flies?

The most common whitefly in Pacific Northwest potatoes is the greenhouse whitefly, a.k.a. *Trialeurodes vaporariorum*. However, other whitefly species may be present. Although they are called “whiteflies”, they are not “true” flies since they are more closely related to aphids and/or psyllids.

Adults resemble tiny white moths about 1.2 mm long. Immature forms look like scale insects and are completely sedentary after the first nymph instar. This is quite different than psyllid nymphs.



	White fly	Psyllids
1st nymph instar	Mobile	Mobile
Other instars	Immobile	Mobile
Waxy thread	Yes, small	Long threads

Whiteflies occur in most potato fields, and rarely, if ever, require control in Northwest potatoes.

Usually are more common towards the end of the season, although this year we observed them as early as June..... *Silvia Rondon*.....*Extension Entomologist*

Late Blight Hotline Number

Oregon State University (800) 705-3377

Psyllids and LSO this week

We had 446 psyllids submitted this week with ONLY 1 LSO positive.....*Robert Cating and Phil Hamm*

The Potato Association of America 98th Annual Meeting July 27-31, 2014 Spokane, Washington

Hosted by [Washington State University](http://www.washingtonstate.edu)

<http://cm.wsu.edu/ehome/index.php?eventid=68692&>

Thanks Oregon Potato Commission <http://www.oregonspuds.com/> for funding our trapping efforts.



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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	3	0	0	2	0	4
2	0	0	1	2	0	140
3	0	0	5	9	0	68
4	1	0	0	0	0	36
5	0	0	0	0	0	0
6	0	0	0	0	0	0
7	1	1	1	3	0	5
8	0	0	0	7	0	1
9	0	0	0	0	0	2
10	1	0	1	11	0	82
11	0	0	0	0	0	1
12	0	0	0	0	0	1
13	36	0	2	0	0	0
14	0	0	0	0	0	2
15	0	0	1	0	0	5
16	1	0	2	0	0	1
17	0	0	0	0	0	2
18	0	0	0	0	0	0
19	0	0	0	0	0	0
20	3	0	0	0	0	1
21	0	0	0	0	0	0
22	0	0	0	0	0	0
23	0	0	0	0	0	0
24	0	0	0	0	0	0
25	0	0	0	0	0	0
26	0	0	0	0	0	0
27	0	0	0	0	0	0
28	0	0	0	0	0	0
29	0	0	0	0	0	0
30	0	0	0	0	1	0
31	4	0	4	0	0	0
32	0	0	0	0	0	2
33	0	0	0	0	0	0
34	0	0	0	2	0	14
35A	0	1	0	0	0	0
35B	0	0	0	0	0	0
36A	-	0	0	0	0	0
36B	-	0	0	0	0	0

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

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

From yellow Alphascents sticky cards in 3 feet, one per field.

TRAP	PP	OP
1	3	0
2	0	80
3	0	7
4	0	9
5	0	0
6	0	0
7	0	0
8	0	1
9	0	1
10	0	0
11	0	1
12	0	1
13	0	0
14	0	0
15	0	0
16	0	1
17	0	0
18	-	-
19	-	-
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	-	-
28	0	0
29	0	0
30	0	0
31	0	0
32	0	0
33	0	0
34	0	0
35A	0	0
35B	0	0
36A	0	0
36B	0	0

PP: Potato Psyllids
 OP: Other Psyllids