

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 Co
Traps are collected on Thursdays.

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

PTW: Potato Tuberworm

BLH: Beet Leafhopper

OLH: Other Leafhopper

FYI

Mild winter and record-breaking temperatures: how will potato insects respond?

The mild winter and record-breaking highs this past winter have generated considerable interest in the potential effects on insect survival and infestations this growing season. Insects that overwinter in the area can surprise us, but the survival of insects that migrate into Oregon will not be affected by the mild winter we have experienced.

Selected Migratory Insects:

Armyworms and cutworms overwinter in soil as pupae in southern states; northward migration of moths begins in April and May. Late-planted fields are most susceptible to economic infestations.

Aphids overwinter in southern states; winged adults (alates) fly northward in early spring.

Fall armyworms overwinter as partially grown larvae in southern states where the ground does not freeze; migratory moths fly during summer and early fall.

Potato leafhopper overwintering occurs in southern states; migrating adults typically begin to occur in potato fields in Oregon by late May through early June.

Potato psyllids in a typical year psyllids are arriving in early July. They are susceptible to warm temperatures (above 90°F).

Non-Migratory Insects

Potato tuberworm can survive prolonged period of low temperatures in the pupal stage.

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

Mark your Calendar: OSU HAREC Potato field day is scheduled for Wednesday, June 27, 2012 from 8:00am – noon.

The OSU Area-wide monitoring program support is provided by the Oregon Potato Commission and OSU Extension Service. **This is an alert system; growers are encouraged to install their own traps for field specific monitoring.**