

POTATO UPDATE

Volume VI, Issue 3

Hermiston Agricultural Research and Extension Center

May 18, 2012

2121 South 1st Street, Hermiston, Oregon 97838, T 541-567-8321 | F 541-567-2240 | <http://oregonstate.edu/dept/hermiston/index>

Silvia I. Rondon, Extension Entomologist Specialist • Ruben Marchosky, Faculty Research Assistant • Philip B. Hamm, Plant Pathologist

Insect Trap Report

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

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

PTW: Potato Tuberworm

BLH: Beet Leafhopper

OLH: Other Leafhopper

FYI

Supplies needed to start your psyllid program this season

- Seasonal sampling should start as soon as the potato season starts.

Adults



- Use of un-baited yellow sticky cards to detect the first occurrence of psyllid in the area though their sensitivity to confirm psyllids early in the season may be low. See picture for the set up. Replace sticky cards weekly.
- DVAC (inverted leaf blower) is recommended. Check <http://oregonstate.edu/dept/hermiston/silvia-rondon> to learn how to use the DVAC. If using the DVAC, make sure to use it 5-10 feet from the field edge for at least 5 minutes. Insect nets for the vacuum opening can be found at <http://www.bioquip.com/search/DispProduct.asp?pid=7212CM> (model 7212 CM). You will need a zip lock bag (gallon size) for collecting samples.

Nymphs and eggs:

- Collect leaves from several locations from the outer rows of the field. Collect full sized leaves from the middle of the plant.
- A hand lens is required to see these life stages.

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

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.**