

## POTATO UPDATE

Volume VIII, Issue 13

Hermiston Agricultural Research and Extension Center

August 1, 2014

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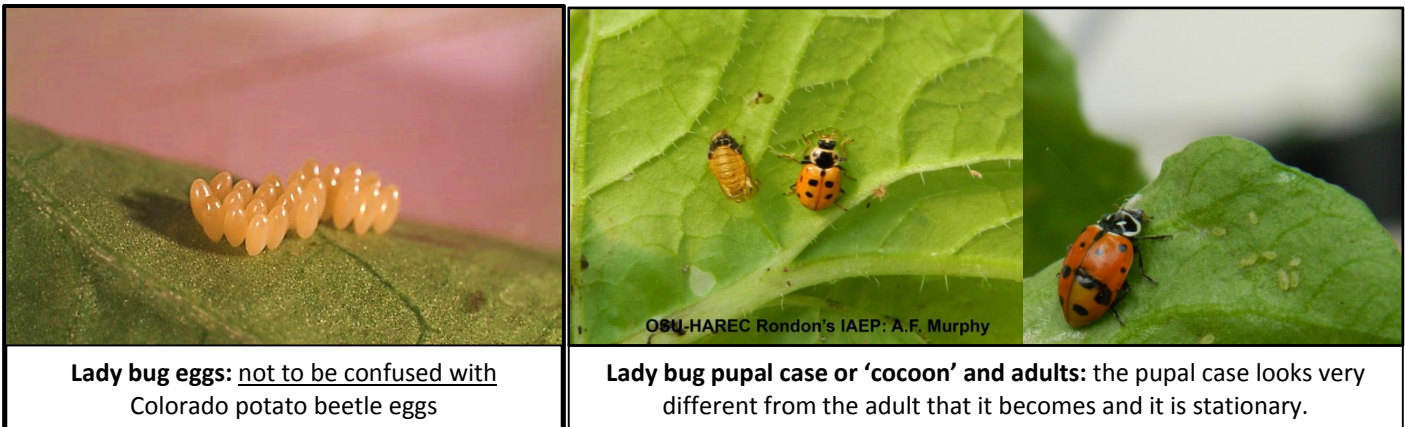
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### Will work for food: Pest-eating machines

Do you know that there are a variety of insects that will eat away some of your pest problems for free? The good news is that there has been an abundance of 'good bugs' this season, both inside and outside of potato fields! As you may know, most insects are beneficial and only a few (like potato psyllids, aphids and thrips) give all the others a bad name. Do you know all of the natural enemies that are found in our area? If not, here are some of the 'good guys' of the insect world.



### Lady bugs



**Lady bug eggs:** not to be confused with Colorado potato beetle eggs

**Lady bug pupal case or 'cocoon' and adults:** the pupal case looks very different from the adult that it becomes and it is stationary.

### Damsel bugs



### Big-eyed bugs



### Spiders



## Praying Mantis



## Minute Pirate Bugs



**Minute Pirate bugs, with a penny for size reference and then enlarged. Don't let their small size fool you – these bugs love to eat potato psyllids (specially the nymphs) and other insects!**

If you see any of these bugs around, know that they are working for you for free....well, for food.

.....Alexzandra Murphy, Postdoctoral Fellow, and Silvia Rondon, Extension Entomologist

## Late Blight Hotline Number

Oregon State University

(800) 705-3377

## Psyllids and LSO this week

The plant pathology diagnostic laboratory continues to receive samples for testing. This past week 547 psyllids were submitted for Zebra Chip (Lso) testing with 1 positive. This brings the total number of positives to 4 psyllids. Incidence in psyllids appears to be low but continue to monitor plantings to keep this insect from colonizing fields. Several potato plants were submitted with "purple top" symptoms, which tested positive for BLTVA phytoplasma. Late blight risk is low given the hot dry weather. Continue however to scout fields near wet spots. If you have questions about testing services, please call the Plant Pathology Lab at 541-567-2240.....*Robert Cating and Phil Hamm*



# OREGON STATE UNIVERSITY

**Insect Trap Report**

Area Pest Alert, Umatilla & Morrow Co.

Traps are collected on Thursdays.

TRAP	PTW	BLH	OLH	GPA	PA	OA
1	6	0	0	0	0	4
2	3	0	0	0	0	1000+
3	0	0	8	2	4	884
4	1	2	0	0	0	2
5	1	7	0	0	0	4
6	2	1	1	0	0	0
7	1	0	1	0	0	2
8	1	0	0	0	0	0
9	2	0	2	20	0	50
10	0	0	0	0	0	8
11	0	0	1	0	0	2
12	0	1	1	1	0	6
13	76	0	0	0	0	0
14	7	0	1	0	0	0
15	6	1	2	10	0	107
16	8	0	1	0	0	0
17	7	0	2	0	0	3
18	4	1	2	0	0	0
19	6	0	0	0	0	0
20	34	1	1	0	0	0
21	5	1	0	7	0	103
22	3	0	2	0	0	0
23	4	0	1	0	0	0
24	0	0	0	0	0	0
25	12	0	0	0	0	0
26	2	0	0	0	0	0
27	7	0	0	0	0	0
28	3	2	2	0	0	0
29	1	0	0	0	0	0
30	0	0	0	0	0	0
31	2	1	4	0	0	1
32	1	1	0	0	0	2
33	0	5	0	0	0	2
34	4	0	0	0	0	3
35a	0	16	1	0	0	0
35b	0	1	0	0	0	0
36a	-	-	-	-	-	-
36b	-	-	-	-	-	-

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

PP: Potato Psyllids  
 OP: Other Psyllids