

POTATO UPDATE

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Hermiston Agricultural Research and Extension Center

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Diagnostician • Ira Thompson, Bio Science Tech Entomology • Carol Mills, Bio Science Entomology

Calendar of upcoming events

- June 24-26** Integrated pest management training. Colfax, WA.
June 24 OSU HAREC Potato Field Day. Field Day starts at 8:30 AM. Hermiston, OR.
June 25 WSU Potato Field Day. Othello, WA.

Pesticide information online available

A new pesticide search called NPIC Pesticide Research Online <http://npic.orst.edu/> will allow users to search for federally registered pesticide products by several criteria. State registration data are not included, but distributor labels, restricted-use products and canceled products are; data are updated weekly.

The CDMS also provide excellent information <http://www.cdms.net/Label-Database>. This is an easy site to navigate.

At the regional level, WSU Pesticide information center <http://picol.cahe.wsu.edu/LabelTolerance.html> also provide label information through a database that can be searched by using selected information from pesticide products registered in Oregon and/or Washington

The product label is the MOST important source of information regarding the use of product efficiently, correctly, and safely. BEFORE USING A CHEMICAL, YOU MUST READ AND UNDERSTADN THE LABEL....*Silvia Rondon, Extension Entomologist*

Extension Plant Pathology Diagnostic Lab Update

This week, 187 Potato psyllids were tested for '*Candidatus Liberibacter solanacearum*' (Lso), the bacterial pathogen responsible for zebra chip disease of potato. From all submissions, two tested positive for the presence of Lso, one submission containing 20 psyllids and one submission containing 11 psyllids. No other submissions tested positive for Lso this week suggesting the overall rate of Lso infection remains low (>approx. 1%). These are the first psyllid submissions that have tested positive for the presence of Lso by the diagnostic clinic at HAREC.

This year, *potato virus Y* (PVY) remains the most common potato pathogen among clinic submissions with new submissions occurring on a daily basis. Questions about sample submission? Please visit <http://oregonstate.edu/dept/hermiston/plant-pathology-plant-lab-testing> or call at 541-567-8321....*Bryce Robinson, Robert Cating, and Ken Frost, Plant Pathology Lab*

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No Late blight positive samples have been found by the lab so far this season....*Robert Cating and Ken Frost*

LATE BLIGHT HOTLINESponsored by Syngenta

[Oregon State University: 1-800-705-3377](tel:1-800-705-3377)

[University of Idaho: 1-800-791-7195](tel:1-800-791-7195)

[Washington State University: 1-800-984-7400](tel:1-800-984-7400)

**Mark your Calendar
June 24 OSU HAREC
Potato Field Day**



Thanks to the Oregon Potato Commission for sponsoring our trapping and extension efforts, and **the USDA-NIFA Technical Assistance for Specialty Crops Program**. Also, special thanks to Anderson geographic & consulting for sponsoring our interactive map.



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Insect Trap Report

Area Pest Alert, Umatilla & Morrow County. Traps are collected on Thursdays. Please note: "-1" value means no data

TRAP	PTW	BLH	OLH	PP	OP	GPA	PA	OA
1	2	0	0	3	1	14	0	10
2	1	2	4	0	52	1	0	0
3	0	1	3	0	48	0	0	4
4	2	9	25	0	4	3	0	0
5	0	1	2	0	0	1	0	5
6	0	2	5	0	1	0	1	1
7	0	0	0	0	0	0	0	0
8	2	4	8	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	2	0	0
11	0	0	4	0	0	3	0	0
12	0	2	4	0	0	0	0	0
13	1	0	6	0	0	4	0	0
14	0	9	1	0	0	1	0	5
15	1	0	1	0	0	1	0	6
16	0	0	1	0	0	0	0	1
17	0	5	2	3	0	0	1	12
18	0	7	3	0	0	1	0	0
19	2	0	8	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	1	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	1	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	2	0	0	0	2	0	0	0
27	0	2	7	0	0	0	0	0
28	0	0	0	0	0	0	0	2
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0
31	0	3	22	0	0	1	0	2
32	0	32	20	0	0	0	0	0
33	0	29	20	0	0	0	0	0
34	2	4	3	0	1	0	0	2

PTW: Potato Tuberworms

BLH: Beet Leafhoppers

OLH: Other Leafhoppers

PP: Potato Psyllids

GPA: Green Peach Aphids

PA: Potato Aphids

OA: Other Aphids

OP: Other Potato Psyllids