

POTATO UPDATE

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Hermiston Agricultural Research and Extension Center

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

Silvia I. Rondon, Extension Entomologist Specialist • Ken Frost, Plant Pathologist • Robert Cating, Plant Pathology Lab Diagnostician • Ira Thompson, Bio Science Tech Entomology • Carol Mills, Bio Science Entomology

Do you know IRAC?

The insecticide resistance action committee (IRAC) works to prolong the effectiveness of insecticides and acaricides by implementing resistance management strategies including Crop Protection, Plant Biotechnology and Public Health. There are many resources available online at <http://www.irac-online.org/>. One of the latest information is a revised IRAC mode of action classification scheme prepared by the International IRAC working group. Check pages 5-11 for more details http://www.irac-online.org/documents/moa-classification/?ext=pdf&utm_source=IRAC+List&utm_campaign=5edc62ad84-eConnection_36&utm_medium=email&utm_term=0_30566eeb91-5edc62ad84-267204969. This is a guide to the selection of insecticides and acaricides for resistant management purposes, useful information to aid you in your management decisions.....*Silvia Rondon, Extension Entomologist Specialist.*



The **2015 IPM Guidelines for Insects and Mites in Idaho, Oregon and Washington Potatoes** are now available online. Visit the NW Potato Research IPM page <http://www.nwpotatoresearch.com/IPM-Home.cfm> and/or <http://www.nwpotatoresearch.com/IPMStuff/PDFs/NorthwestInsectGuidelines.pdf>.

Don Horneck building at the HAREC

Not sure you all know, but the Hermiston Agricultural Research and Extension Center broke ground on a new building July 9 that will be named in memory of our late agronomist Don Horneck. The building will include 3 insect rearing facilities, a tissue culture room and a lab for our new agronomist. The building was paid by private and public donations like Oregon and Washington Potato Commissions, Umatilla Electric, local growers' donations, Umatilla County, OSU and investigators at the station.



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

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

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

Extension Plant Pathology Diagnostic Lab Update

This week, 2149 Potato psyllids were tested for '*Candidatus Liberibacter solanacearum*' (Lso), the bacterial pathogen responsible for zebra chip of potato tubers, bringing the annual total tested to 9878. No psyllid submissions tested positive this week. *Potato leaf roll virus*, *Potato mop top virus*, *Potato virus Y*, *Alfalfa mosaic virus*, tuber soft rot, black leg, common scab, and beet leafhopper-transmitted virescence agent (BLTVA) have all been diagnosed in potato samples this week. If you have questions about diagnostic services, call the lab at 541-567-8321... *Bryce Robinson, Robert Cating, and Ken Frost.*

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 Thursday. **Please note "-1" value means no data.** PTW=Potato Tuber Worm; BLH=Beet Leafhopper; OLH=Other Leafhoppers; PP=Potato Psyllids; OP=Other Potato Psyllids; GPA=Green Peach Aphid; PA=Potato Aphid; OA=Other Aphids.

Date (m/d)	Trap ID	PTM	BLH	OLH	PP	OP	GPA	PA	OA
7/23	1	14	0	0	0	0	0	0	0
7/23	2	0	0	6	0	0	0	0	0
7/23	3	0	0	0	0	0	0	0	0
7/23	4	0	1	48	4	1	0	0	0
7/23	5	1	1	10	0	0	0	0	0
7/23	6	0	0	158	7	0	0	0	0
7/23	7	0	0	0	1	0	0	0	0
7/23	8	0	-1	-1	-1	-1	-1	-1	-1
7/23	9	0	0	5	0	0	0	0	0
7/23	10	2	0	4	0	0	0	0	0
7/23	11	0	4	0	0	0	0	0	0
7/23	12	1	21	15	0	0	0	0	0
7/23	13	-1	-1	-1	-1	-1	-1	-1	-1
7/23	14	3	4	0	0	0	0	0	0
7/23	15	62	0	1	0	0	0	0	0
7/23	16	3	0	0	1	0	0	0	0
7/23	17	-1	-1	-1	-1	-1	-1	-1	-1
7/23	18	0	0	0	0	0	0	0	0
7/23	19	-1	-1	-1	-1	-1	-1	-1	-1
7/23	20	1	0	0	0	0	0	0	0
7/23	21	0	0	0	1	0	0	0	0
7/23	22	0	0	1	0	0	0	0	0
7/23	23	0	0	0	2	0	0	0	0
7/23	24	1	4	4	0	0	0	0	0
7/23	25	-1	-1	-1	-1	-1	-1	-1	-1
7/23	26	0	0	0	10	0	0	0	0
7/23	27	3	7	2	0	0	0	0	0
7/23	28	1	1	1	0	0	0	0	0
7/23	29	0	0	5	0	0	0	0	0
7/23	30	0	1	0	0	0	0	0	0
7/23	31	1	0	11	0	0	0	0	0
7/23	32	0	0	3	0	0	0	0	0
7/23	33	0	0	0	0	0	0	0	0
7/23	34	41	0	1	0	0	0	0	0
7/23	35	-1	3	0	0	0	0	0	0
7/23	36	-1	4	0	0	0	0	0	0