

POTATO UPDATE

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Hermiston Agricultural Research and Extension Center (HAREC)

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<http://oregonstate.edu/dept/hermiston/>

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Plant Disease Diagnostics Clinic Update

This week, 3,948 potato psyllids were tested for Lso, the bacterium responsible for zebra chip, with **two positives** detected. Psyllid submissions were down from last week (5,564). Other potato samples submitted for diagnosis this week included early blight, *Rhizoctonia*, Verticillium wilt, and black leg caused by *Pectobacterium carotovorum carotovorum* and *Pectobacterium atrosepticum*. For questions about samples submissions, please contact Robert Cating at 541-567-8321 or email Robert.cating@oregonstate.edu. Ken Frost, Extension Plant Pathologist, Oregon State University, and Robert Cating, Plant Disease Diagnostician, Oregon State University

Late Blight

An update from Dennis Johnson:

- 1) Late blight is present in the Burbank, WA area.
- 2) Late blight present in several fields Block 17 north of Pasco and east of Highway 395.

The clonal lineage in that area is US 8, which is mefenoxam and metalaxyl resistant.

All fields with late blight should be on a five-day fungicide application schedule. Fields in the Burbank, Finley, and north and east Pasco areas should be treated with a late blight fungicide on at least a 7 day schedule. All other fields in the Columbia Basin should be treated with a fungicide at least 7 days before a rainfall. Continue to monitor weather forecasts in your area.

To date, we have not found late blight in Oregon but remain vigilant about the disease. If you think you see signs or symptoms of late blight, contact Dennis Johnson, Ken Frost, or Robert Cating to confirm or to make late blight diagnosis.

- See http://plantpath.wsu.edu/dajohn/files/2014/06/LB_FUNGICID16.1.pdf for additional information about late blight management.
- To keep up to date with late blight detections at a national level visit <https://usablight.org/>.

Dennis Johnson, Extension Plant Pathologist, Washington State University, Ken Frost, Extension Plant Pathologist, Oregon State University, and Robert Cating, Plant Disease Diagnostician, Oregon State University

Insect Trapping

Potato psyllids were collected on yellow sticky cards in 17 of our 31 sample locations in Umatilla and Morrow county fields this week; potato tubeworm were found in 14 locations out of 29; beet leafhoppers in 10 out of 31 locations. See the interactive [IAEP map](#) for more detailed information about insect counts on our trapping route this week. *Silvia Rondon, Extension Entomologist.*

Thanks to the Oregon Potato Commission for sponsoring our trapping and extension efforts. Also, special thanks to Anderson geographic & consulting for sponsoring our interactive map.



Insect Trap Report - The link to the map can be found at <https://goo.gl/8J9MSY>

Area Pest Alert, Umatilla & Morrow County. Traps are collected Thursday. Please note “-1” value means no data

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