

# 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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## Potato Field Day Survey

We had over 130 plus participants attending this year's field day but we have had very few participants fill out our survey. Please take a few minutes of your time to give us some feedback about potato field day. We would like to know how we are doing and how we can improve our program for next year. Please fill out our survey at <https://www.surveymonkey.com/r/6D7KR3D>. Once again, we thank you for attending Potato Field Day! *Silvia Rondon, Extension Entomologist*

## Insect Trapping

Potato psyllids were collected on yellow sticky cards in 7 of our 30 sampling network in Umatilla and Morrow counties fields this week; potato tubeworm were found in 12 locations out of 30; beet leafhoppers in 9 out of 30. See the interactive [IAEP map](#) for more detailed information about insect counts on our trapping route this week. *Silvia Rondon, Extension Entomologist*.

## Plant Disease Diagnostics Clinic Update

This week, 1938 potato psyllids were tested for '*Cadidatus Liberibacter solanacearum*' (Lso), the bacterium responsible for zebra chip, but no positive psyllids were detected. So far this season, **only 1 positive has been detected by the Hermiston lab**. Other problems presented to the lab this week include more black leg and Rhizoctonia canker. Please contact us if you need additional information concerning sample submissions. *Ken Frost, Extension Plant Pathologist, Oregon State University, and Robert Cating, Plant Disease Diagnostician, Oregon State University*

## Late Blight

Late blight is present in the Burbank, WA area. The clonal lineage is US 8, which is mefenoxam and metalaxyl resistant. Fields with late blight should be on a five day 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. Other fields in the Columbia Basin should be treated with a fungicide 0 to 7 days before a rainfall event. As of this week, there have been no new late blight detections in the Columbia Basin.

Continue to scout fields for late blight. The general location of any late blight in the Columbia Basin needs to be reported as soon as it is observed so fungicide application for particular areas can be modified accordingly. 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. For additional information and 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*

### **Blackleg of Potato**

The plant pathology lab at Hermiston is looking for samples of blackleg (Figure 1). Any growers and/or field men who are willing to sample from their farm please contact Ken at 541-567-8321 or [kenneth.frost@oregonstate.edu](mailto:kenneth.frost@oregonstate.edu). I will either arrange to collect samples from your farm or send sampling instructions and materials for shipping if you would prefer to do the sampling yourself. *Ken Frost, Extension Plant Pathologist*



**Figure 1.** Blackleg observed on the potato variety 'Lamoka' at the HAREC.

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