

POTATO UPDATE

Volume IX, Issue 11

Hermiston Agricultural Research and Extension Center

June 26, 2015

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With the hot weather that is expected in the next 7-10 days irrigation management will be very important. Not enough water can quickly result in plants becoming stressed, but too much water being applied can result in disease problems. Diseases such as pythium leak and pink rot are caused by water loving organisms. Areas of fields that have standing water or are saturated with water for long periods of time will be more prone to these diseases.

Extension Plant Pathology Diagnostic Lab Update

Psyllid testing for "*Candidatus Liberibacter solanacearum*", the pathogen responsible for zebra chip symptoms in potatoes continues. This week, 580 psyllids were tested, but no additional positives were found since last week.

Late Blight Update

From Dennis Johnson:

Late blight has not been reported as of this date and significant amounts of rain are not expected in the Columbia Basin for some time. At this time, I am recommending that fungicides not be applied for late blight in the Basin. Fields should be monitored regularly and frequently for late blight. Pay particular attention for late blight near the pivot center, wheel lines and in low lying areas. Weather forecasts should be monitored for significant rainy periods. If late blight is found or suspected, please contact me. It will be important to let others know the general location of any late blight. Only treat with a fungicide if late blight is verified.

No Late blight positive samples have been found by the lab so far this season. If you suspect late blight is affecting your field please contact us immediately for diagnosis. -Robert Cating, Bryce Robinson, and Ken Frost

LATE BLIGHT HOTLINESponsored by Syngenta

[Oregon State University](http://oregonstate.edu): 1-800-705-3377

[University of Idaho](http://idaho.edu): 1-800-791-7195

[Washington State University](http://washingtonstate.edu): 1-800-984-7400

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	5	0	0	1	1	0	7	4
2	0	3	0	0	2	0	0	0
3	0	0	0	0	5	0	0	0
4	0	3	0	1	1	0	1	0
5	0	2	2	0	0	0	0	0
6	1	0	5	2	0	0	0	2
7	0	1	0	1	0	0	0	0
8	1	6	12	0	0	0	0	0
9	0	0	0	4	0	0	0	0
10	0	0	0	0	0	0	0	0
11	1	0	1	1	0	1	1	0
12	0	4	1	0	0	0	0	0
13	0	0	1	0	0	0	0	1
14	0	13	3	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	2	0	0	0	0	0
17	0	5	1	11	0	0	0	0
18	0	5	2	0	0	0	0	1
19	0	0	9	0	0	0	0	0
20	0	0	2	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	-1	-1	-1	-1	-1	-1	-1	-1
23	0	0	1	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	2	0
26	1	0	0	0	0	0	0	0
27	3	2	6	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	1	0	0	0
30	0	0	0	0	0	0	0	0
31	0	8	6	0	0	0	0	0
32	0	41	10	0	0	0	0	0
33	0	20	10	0	0	0	0	0
34	1	1	3	0	0	0	0	0
35	-1	0	0	0	0	0	0	0

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