

POTATO UPDATE

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HERMISTON AGRICULTURAL RESEARCH AND EXTENSION CENTER (HAREC)

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“The purpose of our Potato Update is to serve as an ALERT system to let you know when and if pest(s) problem(s) might be out there. Consider adding some insect/disease scouting this spring if you are not doing so already.”

WELCOME TO THE 2019 EDITION OF THE POTATO UPDATE

I hope that spring is looking better for you after a bizarre long winter. Most (if not ALL) crops are already planted, and we are waiting to see what the field season will bring. Good luck and come to see us, call us, or text us if you have any questions.

INSECT MANAGEMENT GUIDELINES The 2019 edition of the Integrated Pest Management Guidelines for Insects and Mites in Idaho, Oregon and Washington Potatoes will be available soon at:

<http://www.nwpotatoresearch.com/pest-library/pest-management-options/> .

For more information contact Andy Jensen ajensen@potatoes.com.

WINTER CUTWORM (*Noctua pronuba*)

Field men are reporting the presence of the winter cutworm. Most of the samples brought to the Irrigated Agricultural Entomology Program at the HAREC are mature larvae ready to pupate. The coloration on these cutworms is highly variable, but they always have the dark dashes down the back of the abdomen and the dark markings on the head capsule.



For more information read: <https://catalog.extension.oregonstate.edu/sites/catalog/files/project/pdf/em9139.pdf>

OSU HAREC Welcomes Hannah Rivedal. New Plant Pathology Diagnostician. You can learn more about Hannah and other new staff of HAREC in our last edition of Pivotal Moment.

<https://extension.oregonstate.edu/sites/default/files/documents/10991/april-2019-issue-8.pdf> .

Hannah is ready to meet you and to receive your samples at the OSU Hermiston Plant Clinic (2121 S First Street, Hermiston, OR).



Insect Pest Survey (see Table below)

A few potato tuber moths and beet leafhoppers are already around. Green peach aphids and potato aphids are already finding their niche in some potato fields. Lygus were caught in low numbers in a few locations, but it is early in the year. No potato psyllids.

Thanks to the Oregon Potato Commission for sponsoring our trapping and extension efforts.

In addition, special thanks to Anderson geographic & consulting for sponsoring our interactive map.

<https://agpass.maps.arcgis.com/apps/webappviewer/index.html?id=8f3577c883ab4ac58f262b4cd04ff569>



PTM: Potato Tuber Moth, BLH: Beet Leafhoppers; OLH: Other Leaf Hoppers; PP: Potato Psyllids; OP: Other Psyllids; GPA: Green Peach Aphid; PA: Potato Aphids; OA: Oher Aphids. BLH and Lygus already present in some fields. Lygus data presented include immatures and adults. -1 data not available. We have not found a location for Trap 12 yet due to late planting; Trap 32 was sprayed yesterday and we could not retrieve the traps.

Trap #	PTM	BLH	OLH	PP	OP	GPA	PA	OA	LY
13-May 1	2	0	4	0	0	4	5	13	4
13-May 2	1	0	1	0	1	0	0	4	0
13-May 3	0	0	8	0	0	0	0	0	0
13-May 4	0	1	5	0	0	0	0	0	0
13-May 5	0	0	12	0	1	0	0	0	0
13-May 6	0	1	22	0	1	1	3	11	0
13-May 7	0	0	27	0	1	1	0	2	0
13-May 8	0	0	7	0	0	0	0	0	0
13-May 9	0	1	1	0	0	0	0	1	0
13-May 10	0	0	0	0	0	0	0	0	0
13-May 11	0	0	5	0	0	0	0	2	0
13-May 12	-	-	-	-	-	-	-	-	-
13-May 13	0	0	9	0	0	-	-	-	0
13-May 14	0	0	0	0	1	0	3	6	0
13-May 15	0	0	1	-	-	0	1	2	-1
13-May 16	0	0	7	0	0	0	0	4	0
13-May 17	0	0	5	-	-	0	0	3	-1
13-May 18	0	0	1	0	0	1	0	0	0
13-May 19	0	0	2	0	1	0	0	0	1
13-May 20	0	0	1	0	0	0	0	0	0
13-May 21	0	0	19	0	1	0	0	0	0
13-May 22	0	0	0	0	1	0	0	5	0
13-May 23	0	0	6	0	0	0	0	0	1
13-May 24	-	0	4	-	-	-	-	-	-
13-May 25	0	0	4	0	0	0	3	5	0
13-May 26	0	0	3	0	0	0	0	0	0
13-May 27	0	0	1	0	0	0	0	2	2
13-May 28	0	0	8	0	0	0	0	2	0
13-May 29	0	0	1	0	0	0	0	0	0
13-May 30	0	0	2	0	0	0	0	0	0
13-May 31	0	0	1	0	1	1	2	13	0
13-May 32	-	-	-	-	-	-	-	-	-
13-May 33	0	0	137	0	1	0	0	0	3
13-May 34	3	3	1	0	1	0	0	0	5