

POTATO UPDATE

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Hermiston Agricultural Research and Extension Center

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Calendar of upcoming events

| | |
|-------------------|---|
| May 7 | 11 AM Seminar first candidate for the Agronomist position. |
| May 19 | OSU-HAREC Grass Seed Field Day. Hermiston, OR. |
| June 8 | OSU-HAREC Wheat Field Day. Hermiston, OR. |
| June 8-10 | Integrated pest management training. Hermiston, OR. |
| June 24-26 | Integrated pest management training. Colfax, WA. |
| June 24 | OSU HAREC Potato Field Day. Field Day starts at 8:30 AM. Hermiston, OR. |
| June 25 | WSU Potato Field Day. Othello, WA. |

Gentle reminders

Request for Colorado potato beetle, Lygus, and Stubby root nematode samples

We are requesting help from growers in obtaining samples of CPBs (20 beetles per farm), Lygus (live ones!!!) and Stubby root nematodes from throughout the Columbia Basin.

Any growers and/or field men who are willing to sample from their farm please contact Silvia and/or Ken at 541-567-8321 or silvia.rondon@oregonstate.edu and kenneth.frost@oregonstate.edu, we will send you simple instructions for collecting and materials for shipping.....*Silvia Rondon, Extension Entomologist Specialist and Ken Frost, Extension Plant Pathologist*

It is warm in here?

Due to a warm and dry winter, everything is earlier this year and we are probably going into the growing season with a higher pest population pressure. Pest populations are often seized in balance by natural enemies and beneficial insects but also weather. For instance, the fungi do much better when the weather conditions are cool and moist like in the Valley. On the other hand, plant stress, due to a lack of soil moisture (eastern side of the state), often increases susceptibility to insect pests. Pests such as mites are expected to be a bigger problem this year in high temperature continues. Stay tuned.

Wireworms

Wireworms, the larvae of Click beetles, spread out quickly in areas of both conventional and organic farming when we shifted pesticide used. During their three to five year long development (depending on species) the larvae can cause great damage to underground parts of plants such as cereals, corn, root crop, leguminous and horticultural and vegetable crops, including potatoes. As grassland is the natural habitat of the pest, many larvae can be found there. The best management method



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is to avoid severely infested fields, however this is not always an option. Thus, knowing the cropping history of fields and avoiding rotations with grasses and pastures will be helpful. For more information please visit <http://insect.pnwhandbooks.org/vegetable/irish-potato/potato-irish-wireworm> *Silvia Rondon, Extension Entomologist*

Insect Trap Report

Area Pest Alert, Umatilla & Morrow Co.

Traps are collected on Thursdays.

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

PTW: Potato Tuberworms

BLH: Beet Leafhoppers

OLH: Other Leafhoppers

GPA: Green Peach Aphids

PA: Potato Aphids

OA: Other Aphids