



# Potato Progress

Research & Extension for the Potato Industry of  
Idaho, Oregon, & Washington

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[www.nwpotatoresearch.com](http://www.nwpotatoresearch.com)

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## Northwest Potato Research Consortium A Cooperative Effort of the Potato Commissions of ID, OR, & WA

In February 2012 the state potato commissions in Washington, Idaho, and Oregon officially launched a new cooperative effort in research, referred to as the Northwest Potato Research Consortium. The aim of this Consortium is to increase cooperation and efficiency of the research programs funded by the three potato commissions that total about \$2 million annually. It will also work toward a comprehensive research results reporting process that aims to get useful information to the growers and industry members who need it. The Northwest Potato Research Consortium has one staff, Andy Jensen, as Manager, who is essentially a shared employee of the three potato commissions. He is directed by a Consortium board of nine members, three persons representing each commission.

The winter of 2013-14 was the first fully integrated and cooperative research review and funding cycle that the three potato commissions have undertaken. The great majority of the research and extension dollars available in each commission for the current fiscal year was allocated through this cooperation. Proposals were received in December of 2013 from throughout the Northwest potato research community. These were then reviewed and prioritized by each potato commission's research committee. The Consortium board then used the three sets of priorities from the commissions to build a set of funding recommendations for approval by the commissions.

A detailed list of the approved projects has been created and is posted here:

<http://nwpotatoresearch.com/PR/CurrentProjects.cfm>

### **Research Funding and Review Plans for Fall 2014 – Winter 2015**

For the second time, a majority of this research funding will be allocated through a cooperative 3-commission research review process during the fall-winter of 2014-15. As in 2013-14, the nine-member Consortium board will review research and make funding recommendations to the commissions. One goal of the Consortium is to encourage collaboration across state borders and across disciplines. The Consortium recognizes that this transition will take time and effort, and intends to work cooperatively with the research community to achieve this goal.

Details on the research review process, timeline, etc. have been posted here:

<http://nwpotatoresearch.com/>

Members of industry and the research/extension community are invited to offer comments or ask questions about the Northwest Potato Research Consortium at any time.

Andy Jensen, *Manager* ([ajensen@potatoes.com](mailto:ajensen@potatoes.com); 208-939-9965)

**SCRI Zebra Chip**  
Integrated Research & Management Program



**Register by Oct. 17<sup>th</sup> and Save!**  
**November 9-12, 2014**  
**2014 SCRI Zebra Chip Annual Reporting Session**

**Crowne Plaza Portland Downtown Convention Center**  
**1441 NE 2<sup>nd</sup> Avenue, Portland, OR**

Join researchers, growers and industry representatives from around the world who will gather to exchange scientific information along with presenting their latest research. This is the opportunity to network with colleagues and enhance your knowledge and skills. Feel free to share this announcement with any associates who would benefit from this meeting.

Meet and Greet Mixer: Nov. 9, 5:00 -7:00 p.m.

General Sessions: Nov. 10 & 11, 8 a.m. – 5 p.m.

SCRI Principal Investigators Meeting: Nov. 10, 5:30 – 6:30 p.m.

Advisory Board Meeting: Nov. 12, 8-10 a.m.

Full breakfast and lunch will be provided November 10<sup>th</sup> & 11<sup>th</sup> with your evenings free to enjoy the atmosphere and cuisine of Portland

Register Now: <https://agriliferegister.tamu.edu/index.cfm/productDetails/ProductID/1553/>

Crowne Plaza Hotel Reservations: <https://resweb.passkey.com/go/scrizebrachip>

Call for papers and posters will follow at a later date

More information: 806-354-5800 – [pagarrett@ag.tamu.edu](mailto:pagarrett@ag.tamu.edu)

## 41<sup>st</sup> Annual Hermiston Farm Fair, Seminars & Trade Show



Hermiston Conference Center, 415 S. Hwy 395  
December 3-5, 2014

### **WEDNESDAY, December 3, 2014**

Potato Production AM	8:00 AM - 12:00 PM
Potato Production PM	1:00 PM - 5:00 PM
General Session	1:00 PM - 5:00 PM

### **THURSDAY, December 4, 2014**

General Session	8:00 AM - 12:00 PM
Cereal Session AM	8:00 AM - 12:00 PM
Cereal Session PM	1:00 PM - 5:00 PM
Core Program	1:00 PM - 5:00 PM \$10 fee
Farm Fair Banquet	6:00 PM

### **FRIDAY, December 5, 2014**

Pest Management	8:00 AM - 12:00 PM
Core Program	8:00 AM - 12:00 PM \$10 fee

All sessions are free to attendees except for the Core Programs. No pre-registration is required.

Oregon, Washington & Idaho pesticide credits will be available. The Trade Show is expected to include over 50 exhibitors of products and services of interest to the agricultural community.

## Potato Late Blight

See also: <http://www.nwpotatoresearch.com/>



### Tuber Late Blight



Tuber infection begins superficially, but can invade entire tuber. Sporulation can occur on cut or uncut tubers.



D. Johnson, WSU Pullman



J. Gigot, WSU-NWREC

### Management

1. Prevention is key
2. Harvest during dry weather
3. Tuber temperatures going into storage should be less than 68 F
4. Mancozeb and metiram fungicides on the soil surface late season may help prevent tuber infection
5. Foliar applications of phosphorous acid at harvest and in storage can reduce late blight tuber rot
6. Late blight infection often leads to other kinds of tuber rots in storage -- it is best to NOT STORE late blight infected potatoes, and there are no chemical treatments that will cure an infected pile of potatoes

[Click here for the latest management recommendations.](#)

### General Information

**Causal Agent:** *Phytophthora infestans*

**Biology:** Pathogen of potato and a few related plants; infection encouraged by humid and wet conditions

**Dispersal:** Sporangia move in the wind; zoospores in water

**Fungicide resistance:** *P. infestans* is well-known to become resistant to site-specific fungicides used against it. Fungicides should be rotated frequently to prevent resistance.

Idaho Potato Commission (Phone: 208-334-2350)

[Click here for information about pink rot, a disease related to late blight.](#)

[Click here for information about Pythium leak, another similar disease.](#)