

40th Annual



December 4-6, 2013

**Hermiston Conference Center
415 S. Hwy 395
Hermiston, OR 97838**

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Updated on 11/12/13



Hermiston Agricultural
Research & Extension Center

40th Annual Hermiston Farm Fair Seminars & Tradeshow



WEDNESDAY, DECEMBER 4, 2013

POTATO PRODUCTION SEMINAR AM – Main Stage

Moderator – Phil Hamm, OSU

- 8:00** Bacterial Ring Rot, a Wide Spread Problem...What does it look like and what to do when found - Phil Hamm, OSU
- 8:30** Potato Virus Y resistant Potatoes from Conventional Breeding and Molecular Markers - Jonathan Whitworth, USDA
- 9:00** Fungicide Resistance of Two Species of Alternaria on Potato in the Columbia Basin of Washington - Lydia Tymon, WSU
- 9:30** Searching for Fresh Pack Alternatives Through Economic and Taste Evaluations of Tri-State Varieties- Rhett Spear, WSU
- 10:00** Break
- 10:30** Is Potato Mop-Top Virus the New Emerging Pathogen in the Columbia Basin? - Chuck Brown, USDA ARS
- 11:00** Diagnosis and Management of Potato Diseases Caused by Soft Rot Bacteria - Jeremiah Dung, OSU
- 11:30** Update on the New Cyst Nematode: Pathogenicity Tests and Other Research - Russ Ingham, OSU
- 12:00** Session Ends

Pesticide Recertification Credits: TBA
CCA Credits: 3.5PM

POTATO PRODUCTION SEMINAR PM – Main Stage

Moderator – Silvia Rondon, OSU

- 1:00** The Value of High Resolution UAV Imagery in Precision Agriculture--Gene Bruce, Boeing Research & Technology
- 1:30** Update on Endowment to Support Potato Research and Extension - Bill Brewer, Oregon Potato Commission
- 1:50** New power rates that will take effect on January 1. Nate Rivera, Umatilla Electric
- 2:00** Potato Breeding...What are we doing? – Sagar Sathuvalli, OSU
- 2:30** Aphid Vectors of Potato Virus Y in Oregon and Washington - Alex Murphy, OSU
- 3:00** Break
- 3:30** Beyond Psyllids: Should we really worry about them? Silvia Rondon, OSU
- 4:00** How Do Potatoes Respond to Potato Virus Y attack – Aymeric Goyer, OSU
- 4:30** Insect Control in Potatoes in the Columbia Basin - Tim Waters, WSU
- 5:00** Session Ends

Pesticide Recertification Credits: TBA
CCA Credits: 3PM

GENERAL SESSION – Altrusa Room

Moderator –Don Horneck, OSU

- 1:00** Biomass for the PGE Plant? – Wayne Lei, PGE
- 1:30** Arundo Donax Research – Nick Bechtoldt, OSU
- 2:00** Sorghum Research – Don Horneck, OSU
- 2:30** P Friend or Foe – Dan Sullivan, OSU
- 3:00** Break
- 3:30** NH4 Volatilization – Sara Del Moro, OSU
- 4:00** Economic Impacts of "New" Water - Bruce Sorte, OSU
- 4:30** N Friend or Foe? – Don Horneck, OSU
- 5:00** Session Ends

CCA Credits: 1NM, 1SW, 1.5CM

THURSDAY, DECEMBER 5, 2013

FARM FAIR BANQUET – Pioneer Hi-Bred banquet room, 2302 SE 9th St, Hermiston

Tickets are \$25 each. Purchase your tickets from the Hermiston Chamber of Commerce office.

- 6:00** No host social hour with music from John Wambeke
- 6:30** Dinner: prime rib

THURSDAY, DECEMBER 5, 2013

GENERAL SESSION – Alturas Room

CCA Credits: 3.5SW

Moderator – Don Horneck, OSU

- 8:00** Lower Umatilla Basin Groundwater Management Area, Where Are We and Where Are We Going - Phil Richerson, DEQ
- 8:30** Interpreting Soil Moisture Monitoring Data - Gibb Evans, IRZ
- 9:00** Water Infiltration, What Is Wrong With Our Soil? – Markus Klebler OSU
- 9:30** Lindsay's View on Precision Irrigation – Scott Jensen, Irrigation Specialist
- 10:00** Break
- 10:30** Deficit Irrigation - Chad Higgins, OSU
- 11:00** Valley's View on Precision Irrigation – Kevin Reasoner, Service Manager, Valmont Northwest
- 11:30** Precision Irrigation, How Good Can We Get - Chad Higgins, OSU
- 12:00** Session Ends

CEREAL SESSION AM – Main Stage

Pesticide Recertification Credits: TBA
CCA Credits: 1.5PM, 1.5CM

Moderator – Don Wysocki, OSU

- 8:00** Western corn rootworm: From the Midwest to the Pacific Northwest - Alexandra Murphy, OSU
- 8:30** Dryland Hard Red Winter Wheat Production - Larry Lutcher, OSU
- 9:00** Stem Rust in Wheat - Steve Van Vleet, Crops Agent, WSU
- 9:30** Recent Advancements in Development of Deep Furrow Drills - Bill Schillinger, Research Agronomist WSU
- 10:00** Break
- 10:30** Potential of Quinoa as a Dryland Crop - Stephen Machado, Research Agronomist OSU
- 11:00** Management to Avoid Herbicide Resistance - Drew Lyon, Extension Weed Scientist, WSU
- 12:00** Session Ends

CEREAL SESSION PM – Main Stage

Pesticide Recertification Credits: TBA
CCA Credits: 2.5PM, .5CM

Moderator – Don Wysocki, OSU

- 1:15** Wheat Industry Update – Walter Powell, Oregon Wheat League
- 1:30** Agronomics of Corn Production - O. J. Barber, Agronomist, Dupont Pioneer
- 2:30** Pest Management of Early-Planted Canola - Don Wysocki, Extension Soil Scientist, OSU
- 3:00** Break
- 3:30** Wheat Marketing - Jordan Maley, Crop Agent, OSU
- 4:00** Soil Borne Wheat Mosaic Virus - Mike Flowers, Extension Cereal Specialist, OSU
- 4:30** Nematodes and their Management in Small Grains - Dick Smiley, Plant Pathologist OSU
- 5:00** Session Ends

CORE PROGRAM, Safe Pesticide Use – Altrusa Room - \$10 fee

Pesticide Recertification Credits: TBA
CCA Credits: 3PM

Moderator – Cory Cooley, ODA

- 1:00** Label Comprehension - Tim Weinke, OSU
- 2:00** Investigation and Enforcement, Avoiding Common Violations – Cory Cooley, ODA
- 3:00** Break
- 3:30** Herbicide Resistance - Gustavo Sabatella, OSU
- 4:00** Interactions of Soil with Pesticides – Don Horneck, OSU
- 5:00** Session Ends

INSECT PEST IDENTIFICATION WORKSHOP—Board Room—*Pre-registered only—\$50 fee

Moderator – Mary Corp, OSU

*** WORKSHOP FULL**

- 1:00** Introduction to Insects Taxonomy and Basic Morphology - Silvia Rondon, OSU
- Pest and Beneficial Insects in Wheat - Steve Van Vleet, WSU
- Pest and Beneficial Insects in Potato - Stuart Reitz, OSU
- Final remarks, Survey - Mary Corp, OSU
- 5:00** Session Ends

Pesticide Recertification Credits: TBA
CCA Credits: 3.5PM

FRIDAY, DECEMBER 6, 2013

PESTICIDE SESSION – Main Stage

Moderator – Silvia Rondon, OSU

- 8:00** All About Corn: Pesky Problems and Beyond – Erik Echegaray, OSU
- 8:30** Oregon Department of Agriculture's 2013 Hunt for Insect Pests – Paul Blom, ODA
- 9:00** Solanaceous Weeds and Their Management – Rick, Boydston, USDA ARS
- 9:30** Reducing Ergot Germination Using Soil-Applied Fungicides in Grass Grown for Seed – Jeremiah Dung, OSU
- 10:00** Break
- 10:30** Insect Control in Onion Production – Tim Waters, WSU
- 11:00** Impact of Growing Conditions and Water Conditioners on Herbicide Efficacy - Gustavo Sabatella, OSU
- 11:30** Brown Marmorated Stink Bug (BMSB): Current Status and Research in the PNW – Nik Wiman, OSU
- 12:00** Session Ends

Pesticide Recertification Credits: TBA
CCA Credits: 3.5PM

CORE PROGRAM, Safe Pesticide Use – Altrusa Room - \$10 fee

Moderator – Cory Cooley, ODA

- 8:00** Interactions of Soil with Pesticides – Don Horneck, OSU
- 9:00** Label Comprehension - Tim Weinke, OSU
- 10:00** Herbicide Resistance - Gustavo Sabatella, OSU
- 10:30** Break
- 11:00** Investigation and Enforcement, Avoiding Common Violations – Cory Cooley, ODA
- 12:00** Session Ends

Pesticide Recertification Credits: TBA
Credits: 3.5PM

EXHIBITORS: *updated 11/12/13*

Ag Concepts	Irrinet LLC	Simplot Grower Solutions
Ag Engineering	IRZ Consulting	Soil Logic LLC
AgSource Laboratories	Jesse Torres- Country Financial	Tom Denchel's Ford Country
Blue Mt. Community College	Kralman Steel Structures, Inc.	Wilbur Ellis Co.
ByoGon Northwest	KUO Testing Labs	Williams Northwest Pipeline
Byrnes Oil	Les Schwab Tire	Work Source Oregon Employment Dept
Central Machinery Sales	Morrow Co. Grain Growers	
Eastern Oregon University	Northwest Farm Supply	
Energy Trust of Oregon	Pacific NW Vegetable Assoc.	
Hagerman, Inc.	Portland General Electric	
Honda Yamaha Cycletown	Pendleton Grain Grower	
HoneyComb Corp.	RDO Equipment	
Irrigation Specialists, Inc.	Rock Enterprises	

FARM FAIR COMMITTEE:

Chair: Brian Allstott, Pendleton Grain Growers
 Heather Cannell, Hermiston Chamber of Commerce
 Mary Corp, Oregon State University
 Phil Hamm, Oregon State University
 Larry Hanson, Buttercreek Equipment
 Don Horneck, Oregon State University
 Tracy Hunter, Hermiston Chamber of Commerce

Marti Katsel, Hermiston Chamber of Commerce
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 Don Wysocki, Oregon State University