

43rd Annual



November 30 - December 2, 2016

Eastern Oregon Trade & Event Center
1705 E. Airport Rd,
Hermiston, OR 97838

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Hermiston Agricultural
Research & Extension Center

43rd Annual Hermiston Farm Fair Seminars & Tradeshow



WEDNESDAY, NOVEMBER 30, 2016

Pesticide Recertification Credits: 2 ID, 2 OR, 2 WA
CCA Credits: 3

POTATO PRODUCTION SEMINAR AM – Meeting Room 1 & 2

Moderator – Philip Hamm, OSU

- 8:00** An Update On New Varieties from the Tri-State Potato Variety Development – Sagar Sathuvalli, OSU
- 8:30** Utilization of Drones in Potato Management – Lav Khot, WSU
- 9:00** Diseases and Pathogens Affecting Potato in the Columbia Basin 2016 – Ken Frost, OSU
- 9:30** Managing Early Blight and Brown Leaf Spot in Potato – Jeff Miller, Miller Inc.
- 10:00** Break
- 10:30** Colorado Potato Beetle Resistance Management – Michael Crossley, University of Wisconsin; Silvia Rondon, OSU
- 11:00** Cultural Management of Clearwater Russet and a New Fresh Pack/ Process Variety – Mountain Gem Russet – Mark Pavek, WSU
- 11:30** Nutrient Management Program for Potato Production at HAREC – Ray Qin, OSU
- 12:00** Session Ends

Pesticide Recertification Credits: 2 ID, 2 OR, 2 WA
CCA Credits: 1.5

POTATO PRODUCTION SEMINAR PM – Meeting Room 1 & 2

Moderator – Sagar Sathuvalli, OSU

- 1:00** Managing Potato White Mold in the Columbia Basin – Dennis Johnson, WSU
- 1:30** Potato Storage Management for Clearwater Russet/ Consumer Attributes of New Promising Varieties During Long Term Storage – Yi Wang, WSU
- 2:00** Potato Growers: Don't Take Lygus and Other Plant Bugs Lightly – Silvia Rondon, OSU
- 2:30** Root-knot Nematodes and Host Plants: A Molecular Dissection of a Bad Relationship – Cynthia Gleason, WSU
- 3:00** Break
- 3:30** Nematode Management: What Are My Options? – Russ Ingham, OSU
- 4:00** Perspectives on the Breeding of New Specialty Potato Varieties – Charles Brown & Roy Navarre, USDA-ARS
- 4:30** Effect of Cold Storage Temperature on the Nutritional Qualities of the Potato – Aymeric Goyer, OSU
- 5:00** Session Ends

Pesticide Recertification Credits: 1 ID, 2 OR, 2 WA
CCA Credits: 2

SMALL FARMS – Meeting Room 3

Moderator – Colleen Sanders, OSU

- 1:00** Pollinators and Canola: Lessons from Southern Alberta – Andony Melathopoulos, OSU
- 1:30** Designing an IPM Program That Is Soft on Pollinators and Hard on Pests – Andony Melathopoulos, OSU
- 2:15** Bee Keeping Basics and Getting Started, Honey Collection and Processing – Andony Melathopoulos, OSU
- 2:50** Break
- 3:20** Chickens as Tools – Integrating Poultry on a Small Farm – Chris Schachtschneider, OSU
- 4:00** Session Ends

THURSDAY, DECEMBER 1, 2016

Pesticide Recertification Credits: 1 ID, 1 OR, 1 WA
CCA Credits: 3.5

GENERAL SESSION AM - Meeting Room 1

Moderator – Ken Frost, OSU

- 8:00** What Good Are Unmanned Aircraft for Farming? – E. Raymond Hunt, Jr., USDA
- 8:30** Dryland Crop Yield Potential and Variable (VR) Rate Estimation – Jim Nichols, XY Imaging
- 9:00** Moving Remote Sensor Data Out of the Lab and into Your Field – Bill Briskey, TacAero
- 9:30** Using Geochemistry to Assess Evaporation from Potato Fields Under Different Irrigation Approaches
Firas Al-Oqaili, OSU-Bee
- 10:00** Break
- 10:30** Services and Collaborations Available at OSU's Central Analytical Laboratory – Shannon Andrews, OSU
- 11:00** Examples of Pesticide Resistance: How it Happens and How We Can Stop It – Michael Crossley, UW-Madison
- 11:30** Integrated Ergot Disease Management in Grass Seed Crops – Darrin Walenta, OSU-CSS
- 12:00** Session Ends

Pesticide Recertification Credits: 1ID, 1 WA
CCA Credits: 3

CEREAL SESSION AM – Meeting Room 2

Moderator – Larry Lutcher, OSU

- 8:00** New Projects in the Pendleton Cereal Pathology Lab – Christina Hagerty, OSU
- 8:30** Check Your Marketing Tool Box – Dan Steiner, Morrow County Grain Growers
- 9:00** What's Happening to Farm Land Values – Clinton Reeder, Pendleton
- 9:30** Farm + an Online Mapping Application – Darcy Sexton, USDA FSA
- 10:00** Break
- 10:30** Grain Protein Mapping for N Management in Winter Wheat – Dan Long, USDA ARS
- 11:00** Spring Canola Production and Marketing Strategies – Karen Sowers, WSU & Daniel Stenbakken, Viterra
- 11:30** Wheat Industry Update – T. J. Hansell, OWGL President
- 12:00** Lunch

Pesticide Recertification Credits: 1 ID, 1 OR, 1 WA
CCA Credits: 3.5

CEREAL SESSION PM – Meeting Room 2

Moderator – Christina Hagerty, OSU

- 1:00** Sulfur Nutrition and Fertilization on Wheat – Larry Lutcher, OSU
- 1:30** Understanding Your Soil Test – Paul Carter, WSU
- 2:00** Biology and Control of Scouring Rush in Wheat – Andy Hulting, OSU
- 2:30** Russian Thistle Biology and Control – Drew Lyon, WSU
- 3:00** Break
- 3:30** Late Season Weed Control on Direct Seed Fallow – Bill Jepsen, Heppner
- 4:00** Winter Annual Grassy Weed Control in Wheat Cropping Systems – Aaron Esser, WSU
- 4:30** Wheat Variety Update – Hannah Kammeyer, OSU
- 5:00** Session Ends

THURSDAY, DECEMBER 1, 2016

CCA Credits: 3.5

LIVESTOCK SESSION – Meeting Room 1

Moderator- Christopher Schachtschneider, OSU

- 1:00** Grazing Impacts on Fire Behavior in Sagebrush Steppe – Eva Strand, University of Idaho
- 1:30** Grazing Influences on Area Burned, Fire Behavior and Post-Fire Recovery in Sagebrush Communities – April Hulet, University of Idaho
- 2:00** Vegetation-stream Temperature Dynamics in Riparian Areas – Carlos Ochoa, OSU
- 2:30** Ranching for Rivers, a Program to Promote Infrastructure for Improved Riparian Grazing Management – Rachel Frost, Missouri River Conservation District Council
- 3:00** Break
- 3:30** Google Earth Pro as a Management Tool – Sergio Arispe, OSU
- 4:00** Genetic Testing for Replacement Selection – A Rancher’s Perspective – Terry Anderson, Anderson Land & Livestock, Inc.
- 4:30** A New Look on Umatilla and Morrow County Livestock and Rangeland Extension – Chris Schachtschneider, OSU
- 5:00** Session Ends

Pesticide Recertification Credits: 4 ID, 4 OR, 4 WA
CCA Credits: 2

CORE PROGRAM, Pesticide Use, PPE, Calibration- Fee \$10.00 Meeting Room 3

Moderator – Timothy Weinke, OSU and Cory Cooley, ODA

- 1:00** Use of Pesticides in Vegetation Management: Review of Label Sections and Chemical Drift – Scott Lukas, OSU
- 2:00** Developing Integrated Pest Management Programs in the Columbia Basin – Alex Murphy, OSU
- 3:00** Properties of Soil Fumigants and Their Fate in the Environment – Ray Qin, OSU
- 4:00** Personal Protective Equipment – Tim Stock, OSU
- 5:00** Session Ends

Pesticide Recertification Credits: ID 2
CCA Credits: 3.5

CROP PEST LOSSES IMPACT ASSESSMENT - CORE - Board Room Pre-registration required.

Max 20 Participants

Moderator – Katie Murray, OSU IPPC

- 1:00** Introduction – Katie Murray, OSU IPPC
- 1:10** Understanding Potato Pest Loss Impacts – Katie Murray, OSU IPPC
- 2:00** Interactive Session: Individual Review of Potato Pests, Yield Impacts & Pesticide Usage, Q & A – Katie Murray, OSU IPPC
- 3:30** Facilitated Discussion: Major Economic Pests in Potato, Current Management Practices and Critical Research, Regulatory, Education, and IPM Needs – Katie Murray, OSU IPPC
- 5:00** Session Ends

FARM FAIR BANQUET – Location: *Hermiston Conference Center, 415 S Hwy 395* (541-567-6151)

Tickets are \$30.00 each. Purchase your tickets from the Hermiston Chamber of Commerce office.

6:00 pm will start the evening with a no-host social hour with music from John Wambeke.

Dinner will begin at 6:30 pm.

FRIDAY, DECEMBER 2, 2016

Pesticide Recertification Credits: 3 ID, 3 OR, 4 WA
CCA Credits: 3.5

PEST MANAGEMENT – Meeting Room 1 & 2

Moderator – Silvia Rondon, OSU

- 8:00** Early Detection of Foliar Damage by Colorado Potato Beetles Using Small Unmanned Aircraft – E. Raymond Hunt, Jr., USDA
- 8:30** IPM Strategic Planning: Understanding Pest & Management Impacts & Critical Needs – Katie Murray, OSU IPPC
- 9:00** Piercing and Sucking Insects in Irrigated Crops – Josephine Antwi, OSU & Silvia Rondon, OSU
- 9:30** Identification of Russian Thistle Glyphosate Resistant in NE Oregon – Judit Barroso, OSU
- 10:00** Break
- 10:30** Potato Pathology in Prosser: Previous Studies and New Program Direction – Kylie Swisher, USDA
- 11:00** Factors Influencing Pesticide Selection for Irrigated Wheat Production – Joshua Adkins, Syngenta
- 11:30** Can Dose-response Models Help Refine Management of Verticillium Wilt? – Ken Frost, OSU
- 12:00** Session Ends

CORE PROGRAM, Safe Pesticide Use, PPE, Calibration - \$10.00 fee Meeting Room 3

Pesticide Recertification Credits: 4 ID, 4 OR, 4 WA
CCA Credits: 2

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- 11:00** Use of Pesticides in Vegetation Management: Review of Label Sections and Chemical Drift – Scott Lukas, OSU
- 12:00** Session Ends

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Conservation

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USDA Farm Service Agency

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43rd Annual Hermiston Farm Fair, Seminars & Trade Show



Eastern Oregon Trade & Event Center
November 30 – December 2, 2016

WEDNESDAY, November, 2016

Potato Production AM	8:00 AM - 12:00 PM
Potato Production PM	1:00 PM - 5:00 PM
Small Farms	1:00 PM - 5:00 PM

THURSDAY, December 1, 2016

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
Livestock Session PM	1:00 PM - 5:00 PM
Core Program	1:00 PM - 5:00 PM \$10 fee
Crop Pest Losses	1:00 PM - 5:00 PM
Farm Fair Banquet	6:00 PM

FRIDAY, December 2, 2016

Pesticide Session	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.

FARM FAIR COMMITTEE:

Chair: Bryan Allstott, Crop Production Services
Mary Corp, Oregon State University
Ken Frost, Oregon State University
Phil Hamm, Oregon State University
Larry Hanson, Buttercreek Equipment
Marti Katsel, Hermiston Chamber of Commerce
Barb Martin, Hermiston Chamber of Commerce
Debbie Pedro, Hermiston Chamber of Commerce
Jennifer Roberts, Hermiston Chamber of Commerce
Silvia Rondon, Oregon State University
Colleen Sanders, Oregon State University
Sagar Sathuvalli, Oregon State University
Chris Schachtschneider, Oregon State University

Kelly Schwirse, Hermiston Chamber of Commerce
Lora Sharkey, Oregon State University
Carrie Shilhanek, Simplot Grower Solutions
Don Wysocki, Oregon State University

Thanks for coming