42nd Annual

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

December 2-4, 2015

Thank you Corporate Sponsors!
WEDNESDAY, DECEMBER 2, 2015

POTATO PRODUCTION SEMINAR AM – Main Stage
Moderator: Phil Hamm, OSU
8:00  An Update on New Varieties from the Tri-State Potato Variety Development - Sagar Sathuvalli, OSU
8:30  What Genomics Can Offer to Develop New Potato Varieties for the Industry - Kelly Vining, OSU
9:00  Role of Small and Mid-Sized Unmanned Aerial Systems in Potato Production Management - Lav Khot, WSU
10:00 Break
10:30 Emerging Diseases of Potato: Late Blight and Black Leg - Ken Frost, OSU
11:00 Seed Preparation and Planting for Optimum Plant Stand in Potato - Mike Thornton, ICPRE
11:30 Registered Herbicides and Management of Problematic Weeds in Potato - Joel Felix, OSU
12:00 Session Ends

POTATO PRODUCTION SEMINAR PM – Main Stage
Moderator: Sagar Sathuvalli, OSU
1:00  Meet the Pests: IPM of Potato Pests and Beneficial's in the Basin - Silvia Rondon, OSU
1:30  The Potato Canopy and Late Blight Development in the Columbia Basin - Dennis Johnson, WSU
2:00  Potato Viruses: They Don’t Go Away and How to Manage Them - Hanu Pappu, WSU
2:30  Field Selections of Resistance to Corky Ringspot - Chuck Brown, ARS/USDA
3:00  Break
3:30  What’s in a Potato? Analysis of Nutritional Composition - Roy Novarre, WSU
4:00  Maximizing the Nutritional Potential of Potato: A Case Study of Vitamin B9 - Aymeric Goyer, OSU
4:30  Telone, Vydate, and Other Options for Nematode Management - Russ Ingham, OSU
5:00  Session Ends

GENERAL SESSION – Altrusa Room
Moderator: Ken Frost, OSU
1:00  Thrips and Iris Yellow Spot Virus Management in Onions - Stuart Reitz, OSU
1:30  Black Leg on Brassicas - Cindy Ocamb, OSU
2:00  Light Leaf Spot on Brassicas - Cindy Ocamb, OSU
2:30  Carrot Pest Management - Tim Waters, WSU
3:00  Break
3:30  Onion White Rot in the Pacific Northwest - Jeremiah Dung, OSU
4:00  Management of Common Foliar Diseases of Pea - Lyndon Porter, USDA
4:30  Possible Role of Insects in Ergot Disease Cycle - Navneet Kaur, OSU
5:00  Session Ends
### THURSDAY, DECEMBER 3, 2015

**GENERAL SESSION – Altrusa Room**
Moderator: Ken Frost, OSU

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Ag Weather Decision Support Services</td>
<td>Dennis Hall, NOAA/NWS</td>
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<td>8:30</td>
<td>Water Quantity/Quality in Semiarid Riparian Systems</td>
<td>Carlos Ochoa, OSU</td>
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<td>9:00</td>
<td>Energy Trust Incentives for Energy and Water Efficient Irrigation Systems</td>
<td>Ulrike Mengelberg, ETO</td>
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<td>9:30</td>
<td>A Future with More Irrigation Water and Warmer Temperatures? Potential Consequences for Aquatic Systems in the Umatilla Sub-basin</td>
<td>Sandy DeBano, OSU and David Wooster, OSU</td>
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<td>10:00</td>
<td>Break</td>
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<tr>
<td>10:30</td>
<td>Our Experience with UAV’s</td>
<td>Chad Higgins, OSU</td>
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<td>11:00</td>
<td>Assessing Plant Water Use with Geochemistry</td>
<td>Stephen Good, OSU</td>
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<td>11:30</td>
<td>Unique Native Bee Research Experiences in Western Oregon Landscapes</td>
<td>Sujaya Rao, OSU</td>
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<td>12:00</td>
<td>Session Ends</td>
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**CEREAL SESSION AM – Main Stage**
Moderator: Don Wysocki, OSU

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<td>8:00</td>
<td>Surface Residue and Reduced Tillage Conserve Water</td>
<td>Stuart Wuest, USDA-ARS</td>
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<td>8:30</td>
<td>The Bottom Line - Will It Pay to Grow Canola on My Farm?</td>
<td>Karen Sowers, WSU</td>
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<td>9:00</td>
<td>Update on Cereal Varieties</td>
<td>Hannah Kammeyer, OSU</td>
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<td>9:30</td>
<td>Wheat Marketing 101</td>
<td>Jordan Maley, OSU</td>
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<td>10:00</td>
<td>Break</td>
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<td>10:30</td>
<td>Soil Nutrients Essential to Plants</td>
<td>Paul Carter, WSU</td>
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<td>11:00</td>
<td>Controlling Nematodes in Small Grains</td>
<td>Richard Smiley, OSU</td>
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<td>11:30</td>
<td>Wheat League/Wheat Commission Update</td>
<td>Tyler Hansell, OWGL VP</td>
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<td>12:00</td>
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**CEREAL SESSION PM – Main Stage**
Moderator: Judit Barroso, OSU

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<tr>
<td>1:00</td>
<td>Maximizing Herbicide Performance Under Drought Conditions</td>
<td>Andy Hulting, OSU</td>
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<td>1:30</td>
<td>Alternative Weed Control Methods in Chem-Fallow</td>
<td>Larry Lutcher, OSU &amp; Aaron Esser, WSU</td>
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<td>2:00</td>
<td>Water and Nitrogen Use of Winter Canola</td>
<td>Megan Reese, WSU</td>
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<td>2:30</td>
<td>Blackleg Disease on Canola</td>
<td>Don Wysocki, OSU</td>
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<td>Break</td>
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<td>3:30</td>
<td>Cover Crop Demonstrations</td>
<td>Tom Demianew, Umatilla SWCD</td>
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<td>4:00</td>
<td>Biomass Accumulation and Water Use of Cover Crops</td>
<td>Wayne Thompson, WSU</td>
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<td>4:30</td>
<td>Nitrogen Rates for 2-Row Spring Malt Barley Production</td>
<td>Darrin Walenta, OSU</td>
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<td>5:00</td>
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**CORE PROGRAM, Safe Pesticide Use – Alturas Room - $10 fee**
Moderator: Cory Cooley, ODA

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<td>1:00</td>
<td>Recordkeeping</td>
<td>Cory Cooley, ODA</td>
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<td>2:00</td>
<td>Managing Pesticide Residues</td>
<td>Richard Duval, DEQ</td>
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<td>2:45</td>
<td>Break</td>
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<td>3:00</td>
<td>Navigating the Label</td>
<td>Tim Weinke, OSU</td>
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<td>4:00</td>
<td>Oregon’s Pesticide Stewardship Partnership Update</td>
<td>Kirk Cook, ODA</td>
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<td>5:00</td>
<td>Session Ends</td>
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**FARM FAIR BANQUET – Location: National Guard Armory**
Building 900 SE Columbia Dr, Hermiston
Tickets are $25 each. Purchase your tickets from the Hermiston Chamber of Commerce office.
6:00pm will start the evening with a no-host social hour with music from Joe Lindsay & Cory Cooley. Dinner will begin at 6:30pm.
FRIDAY, DECEMBER 4, 2015

PESTICIDE MANAGEMENT – Main Stage
Moderator: Silvia Rondon

8:00  Insuring the Successful Use of IPM: Non Target Impacts of Pesticides on Pollinators - Sujay Rao, OSU
8:30  Pest Management & Pesticide Registrations: The IR-4 Specialty Crops Program in OR - Joe DeFrancesco, OSU
9:00  Grasshopper-Mormon Cricket Survey in Oregon and Environ - Paul Blom, ODA
9:30  Maximizing Grass Seed Yield: Lessons from the Willamette Valley - Nicole Anderson, OSU
10:00 Break
10:30 Effect of Landscape Diversity on Insect Distribution - Matthew Klein & Silvia Rondon, OSU
11:00 Regional Potato Insect Pest Monitoring in WA and “Potato Pest Alerts” - Carrie Wohleb, WSU
11:30 How to Take Action Against Herbicide Resistant Weeds - Steve VanVleet, WSU
12:00 Session Ends

CORE PROGRAM, Safe Pesticide Use – Altrusa Room - $10 fee
Moderator: Cory Cooley, ODA

8:00 Oregon’s Pesticide Stewardship Partnership Update - Kirk Cook
8:50 Managing Pesticide Residue - Richard Duval, DEQ
9:40 Break
10:10 Navigating the Label - Tim Weinke, OSU
11:00 Recordkeeping - Cory Cooley, ODA
12:00 Session Ends

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USDA
Web Steel Buildings
Wilbur Ellis

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Chair: Brian Allstott, Crop Production Services
Debbie Pedro, Hermiston Chamber of Commerce
Peggy Carr, Oregon State University
Sagar Sathuvalli, Oregon State University
Mary Corp, Oregon State University
Kelly Schwire, Hermiston Chamber of Commerce
Ken Frost, Oregon State University
Carrie Shilhanek, Simplot Grower Solutions
Larry Hanson, Buttercreek Equipment
Silvia Rondon, Oregon State University
Marti Katsel, Hermiston Chamber of Commerce
Annette Teraberry, Oregon State University
Barb Martin, Hermiston Chamber of Commerce
Don Wysocki, Oregon State University