



## EVENT SCHEDULE

Seminars & Tradeshow will be November 29 to December 1, at the Eastern Oregon Trade & Event Center, 1705 E. Airport Rd, Hermiston.

### WEDNESDAY, NOVEMBER 29

#### POTATO PRODUCTION SEMINAR – Room 1A & 1B

*Moderator – Sagar Sathuvalli, Oregon State University*

**8 a.m.**, Nitrogen Fertilization for New Potato Varieties for Columbia Basin of Oregon – Ruijun (Ray) Qin, OSU

**8:30 a.m.**, Changing Strain Composition of PVY in the Columbia Basin – What is Happening and Why? – Alex Karasev, UI & Mohamed Chikh-Ali UI

**9 a.m.**, Calcium Management in Potato Production – Jiwan Palta, WI

**9:30 a.m.**, Market Access Issues and Updates on Potato Research at HAREC – Bill Brewer, Oregon Potato Commission and Phil Hamm, OSU

**10 a.m.**, Break

**10:30 a.m.**, Bacterial Soft Rots of Potato are Complex – Ken Frost, OSU

**11 a.m.**, One Size Does Not Fit All: Targeted Weed Management in Potatoes – Pam Hutchinson, UI

**11:30 a.m.**, Does the Soil Health Movement Have Merit for Growers in the Pacific Northwest? – Markus Kleber, OSU

#### VEGETABLE SESSION – Room 2

*Moderator – Scott Lukas, Oregon State University*

**8 a.m.**, Weed Control in Vegetable Crops: Current and Future Challenges – Ed Peachey, OSU

**8:30 a.m.**, Whole Farm Management to Reduce Onion Thrips Pressure – Kristine Buckland OSU

**9 a.m.**, Strategies to Manage Yellow Nutsedge in Vegetables and Other Crops – Joel Felix, OSU

**9:30 a.m.**, Food for Thought: Agricultural Production under a Changing Climate – Kirti Rajagopalan, WSU

**10 a.m.**, Break

**10:30 a.m.**, Your Crops Are Talking to You Are You Listening? Drones In Agriculture – Kiel Lampe, Skysnap

**11 a.m.**, Managing Botrytis Neck Rot of Onion Based on Achilles' Heel – Lindsey du Toit, WSU

**11:30 a.m.**, Biodegradable Plastic Mulch for Vegetable Production – Shuresh Ghimire, WSU

**11:45 a.m.**, Grafting for Watermelon to Control Verticillium Wilt – Pinki Devi, WSU

#### POTATO PRODUCTION SEMINAR PM – Room 1A & 1B

*Moderator – Silvia Rondon, Oregon State University*

**1 p.m.**, Implications of Planting Seed Potato Tubers Infected With Potato Virus Y – Debbie Inglis, WSU

**1:30 p.m.**, Understanding Candidatus *Liberibacter Solanacearum* Haplotype Pathogenicity – Julien Levy, Texas A&M

**2 p.m.**, Potato Storage Management – Sastry Jayanty, CSU

**2:30 p.m.**, Using Crop Rotation and Green Manure Crops to Manage Nematodes in Potato – Russ Ingham, OSU

**3 p.m.**, Break

**3:30 p.m.**, Entomology Research Extension Program at the HAREC: Discovering and Delivering Information – Silvia Rondon, OSU

**4 p.m.**, Potato Phytonutrient Content – Roy Navarre, USDA-ARS

**4:30 p.m.**, An Update on OSU Potato Breeding and Variety Development – Sagar Sathuvalli, OSU

#### GENERAL SESSION – Room 2

*Moderator – Ken Frost, Oregon State University*

**1 p.m.**, Crop Problem Diagnosis – Jenny Glass, WSU

**1:30 p.m.**, What's the Big Deal with Blackleg of Brassicas? – Lindsey du Toit, WSU

**2 p.m.**, Soil pH Testing and Acid Soils – Amber Moore, OSU

**2:30 p.m.**, Update on Brown Marmorated Stink Bug in the PNW – David Lowenstein, OSU

**3 p.m.**, Break

**3:30 p.m.**, Integrated Disease Management of Ergot in Grass Seed – Jeremiah Dung, OSU

**4 p.m.**, Management of Pythium Seed Rot in Peas – Lyndon Porter, USDA-ARS

**4:30 p.m.**, Pest Management in Carrots – Tim Waters, WSU

**WELCOME RECEPTION (Vendors and sponsors) – 5:15-7 p.m.**, lobby, sponsored by Simplot Grower Solutions

### THURSDAY, NOVEMBER 30

#### CEREAL SESSION AM – Room 1A

*Moderator – Don Wysocki & Ruijun (Ray) Qin, Oregon State University*

**8 a.m.**, Identification, Biology and Control of Above Ground Diseases of Cereals – Chris Mundt, OSU

**8:30 a.m.**, Integrated Weed Management: Harvest Weed Seed Control – Judit Barroso, OSU

**9 a.m.**, CoAXium Wheat Production System: Novel Technology at Work For You – Chad Shelton, Albaugh, LLC

**9:30 a.m.**, Soil Microbiology and Nutrient Cycling – Kate Reardon, USDA

**10 a.m.**, Break

**10:30 a.m.**, Identification, Biology and Control of Below Ground Diseases of Cereal – Chris Mundt, OSU

**11 a.m.**, Preliminary Results on Alternative Cereal Crops – Ruijun (Ray) Qin, OSU

**11:15 a.m.**, Summary of CBARC Work – Mary Corp, OSU

**11:30 a.m.**, Wheat Industry Update – Tyler J. Hansell, Oregon Wheat Growers League

#### GENERAL SESSION – Room 1B

*Moderator – Ken Frost, Oregon State University*

**8 a.m.**, The Emerging Problem of Pesticide Resistance – Paul Jepsen, OSU

**8:30 a.m.**, Fungicide Resistance: Concepts and Management in the Pacific Northwest – Christina Hagerty, OSU

**9 a.m.**, Building Innovative Resistance Management Plans for Challenging Agricultural Pests – Anders Huseh, NCSU

**9:30 a.m.**, Management of Russian Thistle Glyphosate Resistance – Judit Barroso, OSU

**10 a.m.**, Break

**10:30 a.m.**, Codling Moth Pest Pressures Under a Changing Climate – Kirti Rajagopalan, WSU

**11 a.m.**, Evidence for Delayed Emergence in Colorado Potato Beetle – Management Implications – Russ Groves, UW-Madison

**11:30 a.m.**, Panel Discussion

#### CORE PROGRAM – Fee \$10 Room 2

*Moderator – Scott Lukas, Oregon State University*

**8 a.m.**, Spray Safe: Review of Pesticide Label and Methods to Reduce Spray Drift – Scott Lukas, OSU

**9 a.m.**, Laws and Regulations – Cory Cooley, ODA

**10 a.m.**, Pesticide – Soil Interactions – Practical Consequences – Paul Jepsen, OSU

**11 a.m.**, Pesticide Resistance Management – Laurie Gordon, ODA

#### POLLINATOR SESSION AM – Boardroom

*Moderator – Sandy DeBano, Oregon State University*

**8 a.m.**, The Oregon Bee Project: Oregonians Working Together to Keep Our State Bee-friendly – Sarah Kincaid, ODA

**8:30 a.m.**, Native Bees in Eastern Oregon: The Importance of Field Margins and Uncultivated Areas – Lauren Smith Dicarlo, OSU

**9 a.m.**, What Plants Do Bees Like? Enhancing Native Bee Habitat on Eastern Oregon Farms and Gardens – Sandy DeBano, OSU

**9:30 a.m.**, Solitary Bee Pollination Specialists: Leafcutter and Mason Bees – Jim Watts, Watts Solitary Bees

**10 a.m.**, Break

**10:30 a.m.**, Honey Bees in Agricultural Systems: Advances and Challenges – Carolyn Breece, OSU

**11 a.m.**, Enhancing Pollinators in Blueberry – Matthew Arrington, WSU

**11:30 a.m.**, Going Soft on Pollinators and Hard on Pests – Andony Melathopoulos, OSU

#### CEREAL SESSION PM – Room 1A

*Moderator – Don Wysocki & Ruijun (Ray) Qin, Oregon State University*

**1 p.m.**, Winter Wheat Variety Update – Hannah Kammeyer, OSU

**1:30 p.m.**, Role of Plant Growth Regulator in Oregon Wheat Crops – Nicole Anderson, OSU

**2 p.m.**, What You Should Want in a Wheat Variety and Are You Getting It? – Bob Zemetra, OSU

**2:30 p.m.**, Limagrain's PNW Wheat Breeding Program and Variety Releases – Jeron Chatelain, Limagrain

**3 p.m.**, Break

**3:30 p.m.**, Organic Fertilizers for Cereals – Dan Sullivan, OSU

**4 p.m.**, Maximizing Soil Water in the Dryland PNW – Stewart Wuest, USDA

**4:30 p.m.**, The Nature, Status and Implications of Soil pH for Nutrient and Pesticide Efficacy – Don Wysocki, OSU

#### ORGANIC SESSION – Room 1B

*Moderator – Scott Lukas, Oregon State University*

**1 p.m.**, Nitrogen Management for Organic Production – Dan Sullivan, OSU

**1:30 p.m.**, "How Can We Help You?" Needs Assessment for Organic Producers – Alexandra Stone, OSU

**2 p.m.**, New Directions for Cover Crop Management in Reduced Tillage Organic Agriculture – Doug Collins, WSU

**2:30 p.m.**, Organics and the Local Market: Producer Options and Policies – Colleen Sanders, OSU

**3 p.m.**, Break

**3:30 p.m.**, Optimizing Nitrogen Management on Organic and Biologically-Intensive Farms – Doug Collins, WSU

**4 p.m.**, Succession Planning for your Farm – Nellie McAdams, Rogue Farm Corps; Paige Sully, Attorney; Jason Bulay, Blue Mountain Land Trust

#### POLLINATOR WORKSHOP – Boardroom

*Moderator – Andony Melathopoulos, Oregon State University*

**1-5 p.m.**, Oregon Bee Atlas: Native Bee Specimen Curation and Identification Workshop

**Instructors – Sarah Kincaid**, Oregon Department of Agriculture and Andony Melathopoulos, OSU

**Cap: 20 participants; to register**, contact Lora Sharkey at 541-567-8321 or lora.sharkey@oregonstate.edu

**The Oregon Bee Atlas**, is an effort to get a better handle on the health of native bees in the state. To do this, we are training and equipping teams of volunteers – made up of motivated and curious individuals like you – to begin surveying and learning the bees in your area. This half-day workshop will

train you in the basics of native bee specimen collection and curation: all the things you will need to begin sampling for native bees in your region in 2018. No previous entomological experience is necessary, but participants should expect to commit to sampling bees in their community in 2018 and participate in a regional outreach effort. Join us and gain incredible tools to open up the world of native bees up to you and your community.

#### IRRIGATION – Room 2

*Moderator – Ruijun (Ray) Qin, Oregon State University*

**1 p.m.**, How Do I get Water on My Land – Greg Sibernagel, Oregon Water Resources Dept.

**1:30 p.m.**, Soil Moisture Monitoring: Reading Between the Lines – Dan Burgard, Valmont

**2 p.m.**, Update from the Northeast Oregon Water Association – JR Cook, Northeast Oregon Water Association

**2:30 p.m.**, Precision Irrigation Can Optimize Yields and Reduce Input Costs – Clinton Shock, OSU

**3 p.m.**, Break

**3:30 p.m.**, Precision and Automated Agriculture Research at WSU – Manoj Karkee, WSU

**4 p.m.**, Leaching of Water and Nitrate Below Irrigated Agricultural Lands – Maziar Kandelous, OSU

**4:30 p.m.**, Irrigation Scheduling and Trends in Center Pivots – Abdelmoneim Zakaria Mohamed, WSU

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

Tickets are \$30 each. Purchase your tickets from the Hermiston Chamber of Commerce office. No-host social hour at 6 p.m. with music from John Wambeke. Dinner begins at 6:30 p.m.

### FRIDAY, DECEMBER 1

#### PEST MANAGEMENT – Room 1A & 1B

*Moderator – Silvia Rondon, Oregon State University*

**8 a.m.**, Pest Monitoring - Trapping Data & Imagery Workflows – Sarah/Will Anderson – Anderson Geographic

**8:30 a.m.**, The Booming Wine Grape Industry in the Pacific Northwest and Threats from Viral Diseases – Viticulture in the Columbia Basin – Naidu A Rayapati, WSU

**9 a.m.**, Temperate-Adapted Forage Legumes of the USDA-ARS NPGS – Brian Irish, USDA-ARS Prosser

**9:30 a.m.**, Mormon Crickets, Grasshopper and other Six-legged Concerns – Paul Bloom, ODA

**10 a.m.**, Break

**10:30 a.m.**, Prepping for Spring: Things to Do Now for Your Sprayer – Gwen Hoheisel, WSU

**11 a.m.**, Pest Management Resistance – James Zahand, Zahand Consulting

**11:30 a.m.**, Weed Mapping at Harvest for Site-specific Weed Management – Judit Barroso, OSU

#### CORE PROGRAM – Fee \$10, Room 2

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