

**Pacific Northwest Vegetable Association Annual Conference and Trade Show
November 17-18, 2021
Three Rivers Convention Center – Kennewick, WA**

Wednesday, November 17

Sponsored By:



Onion Session

- 8:30 a.m. **Chlorpyrifos Tolerance Revocation, What does this mean and where do we go from here?**, Dr. Alan Schreiber, Ag Development Group
- 9:00 a.m. **Alternatives to Chlorpyrifos**, Dr. Stuart Reitz, OSU-Malheur County
- 9:30 a.m. **Where were the Onion Thrips in 2021?**, Dr. Tim Waters, WSU Franklin County
- 10:00 a.m. Break - Trade Show
- 10:45 a.m. **Nitrogen Management in Onions**, Tessa Belo, WSU
- 11:15 a.m. **Irrigation Management in Onions**, Dr. Gabriel LaHue, WSU Mount Vernon NWREC
- 11:45 a.m. **Stop the Rot, Diagnostic and Survey Results**, Dr. James Woodhall, University of Idaho
- 12:15 p.m. Luncheon
- 1:30 p.m. **Food Safety Update in Onions**, Dr. Joy Waite-Cusic, OSU
- 2:00 p.m. **Abiotic Problems of Onion**, Dr. Bill Cobb, Cobb Consulting
- 2:30 p.m. Break - Trade Show
- 3:15 p.m. **Onion Economics, IPM, Cost of Production and Break-Even Points**, Dr. Gina Greenway, Greenway Consulting
- 3:45 p.m. **Stop the Rot: Top Results to Date**, Dr. Lindsey du Toit, WSU Mount Vernon NWREC
- 4:45 p.m. Trade Show Social

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General Vegetable Session

- 8:30 a.m. **Effect of soil compaction on water use efficiency by watermelon**, Amin Nouri, OSU
- 9:00 a.m. **Alternative Nematicides for Managing Root Knot Nematodes in Carrots, Melons and Tomatoes**, Jaspreet Sidhu, UCANR
- 9:30 a.m. **The State of the Pollinators**, Katie Buckley, WSDA
- 10:00 a.m. Break - Trade Show
- 10:30 a.m. **Cabbage Maggot in Brassica Crops**, Kristine Buckland, OSU
- 11:00 a.m. **Landscape Biology of Beet Leafhopper and Associated Pathogens**, Rodney Cooper, USDA
- 12:15 p.m. Luncheon
- 1:30 p.m. **Practical Applications of Drones in Agriculture**, Drew Leggett
- 2:00 p.m. **Croptime: Scheduling Harvests and Timing Weed Management**, Nick Andrews, OSU
- 2:30 p.m. **Japanese Beetle Overview & Response**, Cassie Cichorz, WSDA
- 3:00 p.m. Break – Trade Show
- 3:15 p.m. **Managing for Soil and Water Quality under Drought Conditions**, Abigail Tomasek, OSU
- 3:45 p.m. **Nitrogen Management of Organic and Conventional Cool Season Vegetables**, Richard Smith, UCANR
- 4:15 p.m. **Irrigation Scheduling – Multiple Options to Improve Crop Water Use**, Zamora Re Maria Isabel, OSU
- 4:45 p.m. Trade Show Social

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**Thursday, November 18
Pest Management Session**



- 8:00 a.m. **Distinguishing Heat Stress from Pest and Disease Problems**, Dr. Carrie Wohleb, WSU Extension – Grant/Adams
- 8:30 a.m. **Effects of temperature on Insect Development**, Dr. Tim Waters, WSU Extension
- 9:00 a.m. **Effects of Temperature on Disease Development**, Dr. Lindsey du Toit, WSU Mount Vernon NWREC
- 9:30 a.m. **Pesticide Toxicology**, Dr. Allan Felsot, WSU
- 10:00 a.m. Break – Trade Show
- 10:30 a.m. **Pesticides - Coming and Going**, Dr. Alan Schreiber, Ag Development Group
- 11:00 a.m. **How Surroundings Affect Pesticide Decisions**, Dr. Bill Cobb, Cobb Consulting
- 11:30 a.m. **New Technology in Pest Management**, Dr. Max Feldman, USDA
- 12:00 p.m. **Pests and Diseases of Cucurbits**, Dr. Hannah Rivedal, USDA
- 12:30 p.m. **Use of Models and Trapping in Pest Management**, Dr. James Woodhall, University of Idaho
- 1:00 p.m. **Conference Adjournment**

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**Thursday, November 18
Organic Session**



- 8:00 a.m. Introduction, Scott Ockey
- 8:05 a.m. **Cover Crops and Nitrogen Management**, Nick Andrews, OSU
- 8:35 a.m. **Cover Crop Research in Irrigated Columbia Basin Organic Systems and the Western Cover Crop Council**, Doug Collins, WSU
- 9:05 a.m. **New Data and Research Updates**, Dr. Alan Schreiber, Ag Development Group
- 9:35 a.m. **Changing Temperatures and Precipitation Patterns Affect on Soil Microbial Communities**, Dr. Shikha Singh, OSU HAREC
- 10:00 a.m. Break – Trade Show
- 10:30 a.m. **Industry Updates**
Richard Kelly – Certis Biologicals
Amelia Jordan – Marrone Bio
Peter Bierma – Sym Agro
Shaun Lough – Westbridge Ag Products
Stephen Pryor – AgBiome
Dr. Cassidy Million – Monty’s Plant Food Co.
- 12:00 p.m. TBA
- 12:30 p.m. **Conference Adjournment**