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# Pacific Northwest Vegetable Association 31<sup>ST</sup> ANNUAL CONFERENCE

November 15th & 16th, 2017  
Three Rivers Convention Center | Kennewick, WA

## WED., NOVEMBER 15: 8:30a.m.-4:45p.m.

### Onion Session



- 8:30 a.m. **What's Now and What's Next for Onion Producers & Marketers**  
Kim Reddin, Director of Public & Industry Relations, National Onion Association
- 9:00 a.m. **Abiotic Issues Impacting Onions**  
Dr. Bill Cobb, Cobb Consulting
- 9:30 a.m. **Produce Safety Rules for Onions**  
Jill Wisehart, MEd, Management Analyst-Produce Safety Program, WSDA
- 10:00 a.m. **Break – Trade Show**
- 10:45 a.m. **The Impacts of Soils on Herbicide Sensitivity of Onions and Herbicide Options for Onion Production**  
Dr. Ian Burke, WSU Department of Crop and Soil Science
- 11:15 a.m. **Non-Thrips Arthropods Impacting Onions**  
Dr. Stuart Reitz, OSU
- 11:45 a.m. **Economic Issues in Onions: Cost of Production and Break Even Points**  
Dr. Gina Greenway, College of Idaho
- 12:15 p.m. **Luncheon – The Effects of Climate Change on Pacific Northwest Agriculture**  
Chad Kruger, WSU Mt. Vernon NWREC
- 1:30 p.m. **Lessons from Onion Downy Mildew and Stemphylium Leaf Blight**  
Dr. Lindsey du Toit, WSU Mt. Vernon NWREC
- 2:00 p.m. **Nutrient Management for Dry Bulb Onion Productions**  
Andre S. Biscaro, Cooperative Extension Ventura County
- 2:30 p.m. **Break – Trade Show**
- 3:15 p.m. **Thrips Biology and IYSV Basics**  
Dr. Carrie Wohleb and Dr. Tim Waters, WSU
- 3:45p.m. **Evaluating Irrigation Management and Bactericides for Internal Dry Scale and Bacterial Bulb Rots of Onion**  
Dr. Lindsey du Toit, WSU Mt. Vernon NWREC
- 4:15 p.m. **Columbia Basin Onion Research Committee Update: Current and Future Research Projects**
- 4:45 p.m. **Trade Show Social**

### General Vegetable Session



- 8:30 a.m. **Smoke Tainting**  
Thomas Collins, WSU
- 9:00 a.m. **Don't Blink: Genetic Engineering Technology Has Already Changed and Promises New Agronomic Traits**  
Dr. Allan Felsot, WSU
- 9:30 a.m. **New Crop Possibilities in the Columbia Basin**  
Dr. Ruijun Qin, OSU
- 10:00 a.m. **Break – Trade Show**
- 10:45 a.m. **Common Insect and Disease Issues in Columbia Basin Carrot Production**  
Dr. Tim Waters, WSU Extension
- 11:15 a.m. **What's the Deal with Black Leg of Brassicas?**  
Dr. Lindsey du Toit, WSU Mt. Vernon NWREC
- 11:45 a.m. **Mechanizing Vegetable Crop Harvest: A Case Study with Broccoli**  
Dr. Jim Myers, OSU
- 12:15 p.m. **Luncheon – The Effects of Climate Change on Pacific Northwest Agriculture**  
Chad Kruger, WSU Mt. Vernon NWREC
- 1:30 p.m. **Achieving Biological Disease Management with Grafted Vegetable Plants**  
Dr. Carol Miles, WSU Mt. Vernon NWREC
- 2:00 p.m. **Biodegradable Plastic Mulch for Weed Control and Crop Quality**  
Shuresh Ghimire, WSU Mt. Vernon NWREC
- 2:30 p.m. **Break – Trade Show**
- 3:15 p.m. **Veggies and Seeds Help Bees: How Crop Production itself can Improve Pollinator Health**  
Dr. Andy Melathopoulos, OSU-Corvallis
- 3:45 p.m. **Every Drop Counts: Precision Irrigation Technology in the Columbia Basin**  
IRZ Consulting
- 4:15 p.m. **Asparagus, not the Crop it was 10 or 30 Years Ago**  
Dr. Alan Schreiber, Ag Development Group
- 4:45 p.m. **Trade Show Social**

## THURS., NOVEMBER 16: 8:00a.m.-1:00p.m.

### Pest Management Session

- 8:00 a.m. **Identification of Vegetable Insect Pests**  
Dr. Silvia Rondon, OSU-HAREC
- 8:30 a.m. **Identification of Soil Plant Pathogens**  
Dr. Lyndon Porter, USDA
- 9:00 a.m. **How to Communicate to the Public About Pesticides**  
Kaci Buhl, Pesticide Safety Education Program Coordinator
- 10:00 a.m. **Break – Trade Show**
- 10:30 a.m. **Identification of Foliar Plant Pathogens**  
Dr. Lindsey du Toit, WSU-NWREC
- 11:00 a.m. **Tank Mixing Basics**  
Melissa Olds, Dow AgroSciences
- 11:30 a.m. **Seed Treatments for Management of Plant Pathogens**  
Dr. Lyndon Porter, USDA
- 12:00 p.m. **Crop Protection Chemistry: Adjuvants**  
Doug Linscott, Dow AgroSciences
- 12:30 p.m. **Weed Control in Pulse Crops**  
Drew Lyon, WSU Department of Crop and Soil Science
- 1:00 p.m. **Conference Adjournment**

### Organic Session



- 8:00 a.m. **Introduction – Scott Ockey**
- 8:05 a.m. **Organic by the Numbers: Trends Update**  
David Granatstein, WSU
- 8:35 a.m. **State of Organic Seed: An Update on Trends and Policies**  
Kristina Hubbard, Organic Seed Alliance
- 9:05 a.m. **Organic Market Trends and Organics in the 2018 Farm Bill**  
Nate Lewis, Organic Trade Association
- 9:35 a.m. **Global Biological Products Market – Status and Future**  
Mark Trimmer, Dunham-Trimmer
- 10:00 a.m. **Break – Trade Show**
- 10:30 a.m. **New Products for Organic Production: That Work**  
Dr. Alan Schreiber, Ag Development Group
- 11:00 a.m. **An Update on the Distribution of the Brown Marmorated Stink Bug in WA and Potential Biocontrol Options**  
Joshua Milnes, WSU Graduate Student and Michael Bush, WSU Extension
- 11:30 a.m. **NOP Guidance on Natural Resources Conservation**  
Scott Rice, WSDA Organic Outreach
- 12:00 p.m. **Café-Discuss topics with speakers one-on-one, get information for your specific conditions from individual speakers**
- 12:30 p.m. **Conference Adjournment**

### Pesticide Applicator Credits

Washington, Oregon and Idaho recertification credits and Certified Crop Advisor continuing education credits will be available for those attending the conference.

2017 PNVA Conference Credits				
Session	WA	OR	ID	
<b>Wednesday, November 15 AM</b>				
Onion Session	1am/1pm	3	3	
General Vegetable Session	1am/1pm	3	3	
<b>Thursday, November 16</b>				
Pest Management	5	3	4	
Organic Session	1	-	1	

  

CCA Credits					
Session	NM	SW	PM	CM	PD
<b>Wednesday, November 15 AM</b>					
Onion Session	-	.5	2.5	1	-
General Vegetable Session	1	-	1.5	2	-
<b>Thursday, November 16</b>					
Pest Management	-	-	2.5	-	-
Organic Session	-	-	1	-	-

## WEDNESDAY LUNCHEON KEYNOTE SPEAKER

**Chad Kruger**  
WSU Mt. Vernon NWREC

**The Effects of Climate Change on Pacific Northwest Agriculture**



## WEDNESDAY'S TRADE SHOW SOCIAL

After Wednesday's meetings have been adjourned, visit the Trade Show Social. Hors d'oeuvres and a no host bar will be available.



## 2018 PNVA Membership Dues/Conference Registration

- Individual Membership: \$110**  
Includes voting membership, mailings, listing in the directory and convention registration
- Farm Membership(s): \$350**  
Includes voting membership, mailings, listing in the directory and convention registrations for up to 5 people
- Corporate Membership: \$550**  
Includes association support, voting membership, mailings, listing in the directory and convention registrations for up to 10 people
- On-Site Registration Add \$10 per person**



Register for the PNVA Conference at [www.pnva.org](http://www.pnva.org)