

2019 UW Extension & WPVGA Grower Conference

Tuesday, February 5, 2019

Holiday Inn Hotel & Convention Center, Stevens Point WI

Time	General Session - Moderator T. Houlihan Expo 1 and 2		
7:30 - 8:20	Registration		
8:20 - 8:30	Welcome and opening remarks - Tamas Houlihan , Executive Director, Wisconsin Potato and Vegetable Growers Association, Antigo, WI		
8:30 - 9:00	Management of bacterial blackleg and soft rot - Dr. Amy Charkowski , Professor and Department Head, Colorado State University, Fort Collins CO.		
9:00 - 9:30	Farm Bill Update - Ms. Sandra Chalmers , State Executive Director, USDA Farm Services Agency, Madison, Wisconsin.		
9:30 - 10:30	Morning Break - Visit Exhibit Hall/Poster Session		
10:30 - 11:00	Launching the USDA-SCRI potato soil health project - Dr. Matt Ruark , Associate Professor, Department of Soil Science University of Wisconsin, Madison.		
11:00-11:30	The IR-4 Project: Pesticide use, residues and impact on export markets - Dr. Dan Kunkel , Associate Director, Food and International Programs, IR-4 Project, Princeton, NJ.		
11:30-12:00	Groundwater quality in agricultural areas - Ms. Lori Bowman , Director, Agrichemical Management Bureau, WI DATCP & Mr. Bruce Rheineck , Groundwater Section Chief, WI DNR, Madison, WI		
12:00 - 1:15	Lunch: (1) Jordan Lamb , DeWitt Ross & Stevens-Legislative Update, and (2) Ray Grabanski , Progressive Ag-Harvest Losses in 2018		
Breakout Sessions	Expo 1 Plant Protection <i>Moderator - R. Groves</i>	Expo 2 Managing Seed Risk <i>Moderator- P. Bethke</i>	Sands/Spruce Soil and Plant Health <i>Moderator M. Marks</i>
1:30 - 1:50	Justin Clements & Russ Groves - Fungicides as inadvertent drivers of insecticide resistance.	Researcher and Grower Panel - Managing seed risk in variable environments. Paul Bethke, Mike Copas, Steve Diercks & Wes Meddaugh	Ann MacGuidwin - Improving soil health with cover crops
1:50 - 2:10	Grace Christensen & Jeff Endelman - Breeding for Late Blight Resistance		Matt Ruark - Other biological indicators of soil health
2:10 - 2:30	Sean Schoville - Genetic mechanisms of resistance in Colorado potato beetle		Richard Lankau - Microbiome-based prediction of potato soilborne disease and yield
2:30 - 3:30	Afternoon Break - Visit Exhibit Hall/Poster Session		
Breakout Sessions	Expo 1 Environmental Quality <i>Moderator - R. Groves</i>	Expo 2 Bringing Value to Agriculture <i>Moderator - Associate Division</i>	Sands/Spruce Crop Improvement <i>Moderator- J. Endelman</i>
3:30 - 3:50	Chuck Bolte - Unique partnerships to help Antigo Growers better manage runoff	WPVGA Associate Division - 10 min presentations featuring new technologies and approaches in agricultural management of potato and vegetable production systems.	Felix Navarro - Understanding the performance of new varieties: monitoring plant and tuber development plus chemical maturity
3:50 - 4:10	Chris Kucharik - Background nitrate variability in irrigation water		Shelley Jansky - Hybrid potatoes
4:10 - 4:30	Dan Mahoney - Little Plover River watershed improvement project update		Yi Wang : In-season nitrogen management for new Wisconsin potato cultivars.
4:30 - 8:00	Wisconsin Seed Potato Improvement Association and WPVGA Associate Division Reception		

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Wednesday, February 6, 2019

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Time	General Session - Moderator R. Groves Expo 1 and 2		
8:00 - 8:30	Potatoes USA Update - Blair Richardson , Chief Executive Officer, Potatoes USA		
8:30 - 9:00	Viruses - The chronic diseases eroding seed and crop quality - Dr. Stewart Gray , Research Leader and Professor, USDA ARS, Cornell University, Ithaca, NY.		
9:00 - 9:30	Complying with pollinator protection label language - Mr. Otto Oemig , Pesticide Programs Unit Supervisor, Wisconsin Department of Agriculture, Trade and Consumer Protection.		
9:30 - 10:30	Morning Break - Visit Exhibit Hall/Poster Session		
10:30 - 11:00	From GM tomatoes to CRISPR cows: How consumers make sense of modern agriculture - Dr. Dietram Scheufele , Distinguished Achievement Professor, Life Science Communication, University of Wisconsin, Madison.		
11:00 - 11:30	Improving forecasts of crop water demand with direct ET measurements over irrigated potatoes - Dr. Ankur Desai , Professor, Department of Atmospheric and Oceanic Sciences, University of Wisconsin, Madison.		
11:30- 12:00	UW Extension in 2019 and Beyond - Dr. Karl Martin , Dean and Director, Division of Extension, University of Wisconsin-Madison.		
12:00 - 1:15	Lunch - (1) John Keeling , NPC, (2) Mark Klompfen , United Potato Growers of America, and (3) Industry Appreciation Awards		
Breakout Sessions	Expo 1 Potato Virus Diseases Moderator R. Groves	Expo 2 Remote Sensing and Imaging Technologies, Moderator K. Schroeder	Sands/Spruce Wisconsin Muck Meeting Moderator R. Groves
1:30 - 1:50	Stewart Gray - PVY management on the farm: What are the realistic expectations?	Kaitlin Morey Gold - Early disease detection and differentiation of potato late and early blights with hyperspectral systems	Christy Hoeping - Managing downy mildew, Stemphylium, and Botrytis leaf diseases in onion
1:50 - 2:10	Aurelie Rakotondrafara - Optimization of a PVY detection tool in single aphids.	Paul Bethke - Drone-based imaging	
2:10 - 2:30	Amy Charkowski, A. Fulladolsa, & Y. Zeng - Powdery scab and PMTV in potato - risk factors and management	Erin Wagner & Philip Townsend - Summary of the first airborne UWSpex campaign: seasonal monitoring of potatoes at the Hancock ARS	Randy Van Haren, Allied Cooperative, Pest Pros Division - Auxin mediated suppression of common scab
2:30 - 3:30	Afternoon Break - Visit Exhibit Hall/Poster Session		
Breakout Sessions	Expo 1 Potato and Storage Quality Moderator A. Gevens	Expo 2 Market Development and Sustainability, Moderator D. Rady	Sands/Spruce Wisconsin Muck Meeting Moderator R. Groves
3:30-3:50	Amanda Gevens - Managing Periderm Disorder Syndrome and Subsequent Storage Diseases	Deana Knuteson - The Wisconsin "Healthy Grown" Program – New Program Advances!	Jed Colquhoun - New approaches for muck onion weed management
3:50 - 4:10	Yi Wang - Impacts of wound healing temperatures on potato storage quality.	Andy Diercks & Ida Yu - Potato Sustainability Initiative (PSI): Assessing sustainable potato production	Amanda Gevens - Effectiveness of biologicals and biopesticides for disease management of muck vegetables
4:10 - 4:30	Troy Fishler - Storage quality of new potato varieties.	Paul Mitchell - Vegetable trends and sources of competitiveness for Wisconsin's potato industry	Russ Groves - Seed treatment and foliar control options for onion insect management
5:15 - 6:00	Social Hour		
6:00 - 10:00	WPVGA Associate Division Banquet		

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Thursday, February 7, 2018

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Time	General Session - Moderator <i>W. Stevenson</i> Expo 1 and 2
8:00 - 8:30	Jeff Endelman, UW Horticulture - Current trends in potato breeding & variety development
8:30 - 9:00	Yi Wang, UW Horticulture - Sustainable irrigation management for potato production in Wisconsin
9:00 - 9:30	Alex Crockford, WSPCP Director - Disease look-a-likes and new diagnostic tools
9:30 - 10:00	Russ Groves, UW Entomology - Potato virus Y management - targeting aphid flights
10:00 - 10:15	Morning Break
10:15 - 10:45	Jed Colquhoun, UW Horticulture - Potato weed and vine management update
10:45 - 11:15	Amanda Gevens, UW Plant Pathology - Updates in potato foliar disease management
11:15 - 11:45	Matt Ruark, UW Soil Science - In-season assessment of nitrogen status of Goldrush
11:45 - 12:00	Adjourn - <i>and Thanks for your Attendance and Participation</i>
1:00	WPVGA Annual Meeting