

2018 UW Extension & WPVGA Grower Conference

Tuesday, February 6, 2018

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	How well do EC maps represent soil properties in the Central Sands? - Dr. Mallika Nocco, Smith Conservation Research Fellow, University of Minnesota, Department of Soil, Water and Climate, University of Minnesota, St. Paul, MN		
9:00 - 9:30	Impacts of irrigation management on nitrate leaching - Dr. Carl Rosen, Professor and Department Head, Department of Soil, Water and Climate, University of Minnesota, St. Paul, MN		
9:30 - 10:30	Morning Break - Visit Exhibit Hall/Poster Session		
10:30 - 11:00	Potato carbohydrates: what's in the middle counts - Dr. Paul Bethke, USDA-ARS, Research Plant Physiologist and Associate Professor, Department of Horticulture, University of Wisconsin, Madison, WI.		
11:00-11:30	Blackleg/Dickeya management: An overview from Europe - Dr. Triona Davey, Head of the Potato Branch for SASA, Edinburgh, Scotland.		
11:30-12:00	Challenges of a changing climate and extreme weather on sustainable agricultural production - Dr. Chris Kucharik, Professor, Department of Agronomy, University of Wisconsin, Madison, WI		
12:00 - 1:15	Lunch: Legislative Update - (1) Ron Kuehn, DeWitt Ross & Stevens , (2) Feeding America Update		
Breakout Sessions	Expo 1 Environmental Quality Moderator - R. Groves	Expo 2 Crop Management Moderator- K. Schroeder	Sands/Spruce Soil and Plant Health Moderator K. Williams
	Ben Bradford - Pesticide contaminants in groundwater-fed streams	Mike Copas - Managing seed physiology to your advantage	Dennis Halterman - Traditional and novel approaches for control of potato late blight
	Chuck Bolte - Water Flow & Phosphorus Monitoring in the Antigo Flats Potato & Vegetable Production Area---where are we going and how do we monitor progress	Felix Navarro - Advanced potato variety selection and performance	Francisco Arriaga - Soil physical properties as determinants of healthy soils and plants
	Carl Rosen - ESN research in Minnesota	AJ Bussan - Scheduling agronomic and fertility inputs	Richard Lankau - Soil microbial communities and common scab suppression - who do we have, who do we want, and how do we get there?
2:30 - 3:30	Afternoon Break - Visit Exhibit Hall/Poster Session		
Breakout Sessions	Expo 1 Water and Natural Resource Conservation Moderator - K. Schroeder	Expo 2 Bringing Value to Agriculture Moderator - Associate Division	Sands/Spruce Variety Improvement Moderator- J. Endelman
	Robert Smal - Remote Sensing Methods for Observing and Estimating Evapotranspiration	WPVGA Associate Division - 10 min presentations featuring new technologies and approaches in agricultural management of potato and vegetable production systems.	Felix Navarro - In Season and Storage Performance of New Chip Potato Varieties
	Elizabeth Stapleton / Kevin Hedinger - WPVGA High Capacity Well Database: Observations, Trends, and Implications		Shelley Jansky - A new direction in potato breeding
	Ankur Desai & Ammara Talib - Water from ground to sky: New approaches to observing and predicting field to basin scale ET over crops and plantations		Grace Christensen : Marker-assisted selection for PVY Resistance
4:30 - 8:00	Wisconsin Seed Potato Improvement Association and WPVGA Associate Division Reception		

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Time	General Session - <i>Moderator J. Wyman</i> Expo 1 and 2		
8:15 - 8:30	Potatoes USA Update - Blair Richardson , Chief Executive Officer, Potatoes USA		
8:30 - 9:00	U.S. Potato Market Overview & Trends - Chef RJ Harvey , Global Food Service Marketing Manager, Potatoes USA		
9:00 - 9:30	Implementing 2017 Wisconsin Act 10: High Capacity Wells and the Central Sands Lakes Study - Adam Freihoefer , Section Chief, Division of Environmental Management, Water Use Section, WI DNR, Madison, WI		
9:30 - 10:30	Morning Break - Visit Exhibit Hall/Poster Session		
10:30 - 11:00	Recruiting and Retaining Agribusiness Workers - Paul Mitchell , Professor and Director of the Renk Agribusiness Institute, Agricultural and Applied Economics, University of Wisconsin, Madison, WI		
11:00 - 11:30	Understanding the black side of blackleg of potato - Dr. Jianjun Hao , Assistant Professor, School of Food and Agriculture, University of Maine, Orono, ME.		
11:30- 12:00	The future of technology in agriculture: a 10,000 ft. view - Dr. Brian Luck , Assistant Professor and Extension Specialist, Biological Systems Engineering, University of Wisconsin, Madison, WI		
12:00 - 1:15	Lunch - (1) John Keeling , NPC, and (2) Industry Appreciation Awards		
Breakout Sessions	Expo 1 Potato Disease Updates <i>Moderator J. Willbur</i>	Expo 2 Remote Sensing and Imaging Technologies, <i>Moderator K. Schroeder</i>	Sands/Spruce Wisconsin Muck Meeting <i>Moderator K. Williams</i>
1:30 - 1:50	Triona Davey - Occurrence and Transmission of Potato Mop Top Virus - a European Perspective	Kaitlin Morey Gold - Using hyperspectral reflectance based predictive models for early disease detection in potato	Mary Ruth McDonald - Pink root, bacterial infections, stemphylium, nematodes, help with our onions
1:50 - 2:10	Shunping Ding - An integrated study of QoI resistance in the Potato Early Blight Complex	Phil Townsend - What do leaf spectral measurements tell us about potato performance?	
2:10 - 2:30	Jay Hao - Pink rot of potato and its management	Shelley Jansky - Thermal Imaging to Detect Verticillium Wilt	Paul Bethke - Skin quality in red potatoes
2:30 - 3:30	Afternoon Break - Visit Exhibit Hall/Poster Session		
Breakout Sessions	Expo 1 Potato and Storage Quality <i>Moderator K. Schroeder</i>	Expo 2 Market Development, <i>Moderator D. Rady</i>	Sands/Spruce Wisconsin Muck Meeting <i>Moderator K. Williams</i>
3:30-3:50	Madhu Jamallamudi - Using potato grade slip reports to improve quality/performance	Deana Knutson - Healthy Grown: Market Updates	Jed Colquhoun - Weed management updates
3:50 - 4:10	Yi Wang -Effects of wound healing management on potato storage quality	Susan Leaman - FSMA Overview: Why are we talking about FSMA if potatoes are exempt?	Amanda Gevens - Timing and occurrence of onion foliar pathogens - product sequences
4:10 - 4:30	Paul Fowler - The domestic market opportunity for chlorogenic acid - an antioxidant found in potatoes		Sofia Macchiavelli-Giron - Integrating at-plant and post-harvest fungicide treatments for control of potato silver scurf
5:15 - 6:00	Social Hour		
6:00 - 10:00	WPVGA Associate Division Banquet		

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Thursday, February 8, 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 - Potato breeding program
8:30 - 9:00	Yi Wang, UW Horticulture - Efficient irrigation management for potato production
9:00 - 9:30	Ann MacGuidwin, UW Plant Pathology - Regional perspectives about nematodes in potato systems
9:30 - 10:00	Alex Crockford, WSPCP Director - Wisconsin Seed Potato Certification Program updates
10:00 - 10:15	Morning Break
10:15 - 10:45	Russ Groves, UW Entomology - Insect management over an extended season
10:45 - 11:15	Jed Colquhoun, UW Horticulture - Weed and vine management updates
11:15 - 11:45	Amanda Gevens, UW Plant Pathology - Rethinking potato early blight control for central Wisconsin
11:45 - 12:15	Matt Ruark, UW Soil Science - What's next with nitrogen management with potato
12:15	Adjourn - <i>and Thanks for your Attendance and Participation</i>
1:00	WPVGA Annual Meeting