

2022 WPVGA & UW Division of Extension, Grower Education Conference

Tuesday, February 8, 2022

Holiday Inn Hotel & Convention Center, Stevens Point WI

Time	General Session Expo 1 and 2		Premier Event Sponsor
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	Friends to combat foes: exploring potato-associated endophytes for plant health promotion - Dr. Renee Rioux, Assistant Professor, Department of Plant Pathology, University of Wisconsin-Madison		
9:00 - 9:30	Can knowledge of the soil microbiome help predict potato health and yield? - Dr. Richard Lankau, Associate Professor, and Shan Shan, Post-Doctoral Research Associate, Department of Plant Pathology, University of Wisconsin-Madison		
9:30 - 10:30	Morning Break - Visit Exhibit Hall/Poster Session		
10:30 - 11:00	Economics of nitrogen in the Central Sands - Dr. Paul Mitchell, Professor and Director of the Renk Agribusiness Institute, Department of Agricultural and Applied Economics University of Wisconsin, Madison		
11:00-11:30	Neonicotinoid concentrations in streams in central Wisconsin—What do they tell us about movement from land? - Dr. Paul McGinley, Professor and Director, and William DeVita, Emeritus, Center for Watershed Science and Education, Fisheries and Water Resources. College of Natural Resources, University of Wisconsin, Stevens Point, WI		
11:30-12:00	Weather, climate and the future of extreme events in Wisconsin - Dr. Shane Hubbard, Associate Researcher, Space Science and Engineering Center, University of Wisconsin, Madison		
12:00 - 1:15	Lunch Legislative Update - Jordan Lamb, DeWitt LLP		Lunch Sponsored by  NICHINO AMERICA
Breakout Sessions	Expo 1 Storage Management	Expo 2 Water Quantity / Quality	Sands/Spruce Potato Agronomy
1:30 - 1:50	Dr. Yi Wang - Tuber quality & storability profiles of full-season, fresh market & processing chip potato cultivars	Mr. Kevin Masarik - Evaluation of interplanting to reduce nitrate leaching below potato	Dr. Mark Pavek - Fertilizer price on the rise: should potato growers reduce their application rates?
1:50 - 2:10	Ms. Amber Walker - Update on Elite Potato Varieties Grown in Central Wisconsin and Stored at the UW Storage Research Facility	Dr. Deana Knuteson - Potential research based, collaborative solutions to mitigate groundwater pesticide and fertilizer contamination risks	Dr. Brenda Boetel - Corn and soybean market pricing outlook
2:10 - 2:30	Mr. Shane Hansen and Dr. Amanda Gevens - Evaluating effectiveness of crop protectants & alternative strategies to manage diseases in production & storage systems	Mr. Chuck Bolte - Runoff and soil health relationship on the Antigo Flats	Mr. Trevor Crosby and Dr. Yi Wang - From model simulations towards understanding potato growth using hyperspectral images
2:30 - 3:30	Afternoon Break - Visit Exhibit Hall/Poster Session		
Breakout Sessions	Expo 1 Managing Seed Risk	Expo 2 Farm Conservation and Markets	Sands/Spruce Crop Improvement
3:30 - 3:50	Dr. Claudia Solis-Lemus - Development of bioinformatic tools to leverage certification data for enhanced seed potato production	Mr. Tracy Hames, Ms. Erin O'Brien & the Central Wisconsin Farmers Collaborative - Expanding the Producer-Led Toolbox with Watershed-Scale Hydrologic Assessment and Restoration.	Dr. Jeff Endelman, Beck Eddy, Amber Walker and Troy Fishler - Quantifying potato chip quality with image analysis
3:50 - 4:10	Dr. Mike Copas - Seed physiological condition influences crop productivity and sustainability		Dr. Yi Wang - Profiling new varieties under a low nitrogen environment
4:10 - 4:30	Mr. Kevin Gallenberg - Managing lime in seed potato production to minimize scab	Mr. Greg Bussler - Where do USDA potato acreage numbers come from?	Ms. Lin Song and Dr. Jeff Endelman - Diploid breeding for the potato chip market.
4:30 - 8:00	Wisconsin Seed Potato Improvement Association and WPVGA Associate Division Reception		

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Wednesday, February 9, 2022

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Time	General Session Expo 1 and 2		Premier Event Sponsor
8:15 - 9:00	Changing Trends for Potato Consumption, Communications, and Nutrition - Blair Richardson, Chief Executive Officer, Potatoes USA		
9:00 - 9:30	Findings and Recommendations from the Central Sands Lakes Study - Mr. Adam Freihoefer, Water Use Section Chief and Mr. Aaron Pruitt, Hydrogeologist, Wisconsin Department of Natural Resources, Madison, WI		
9:30 - 10:00	Diploid breeding is a new beginning. What does the ending look like? - Dr. Paul Bethke, Research Plant Physiologist, USDA-ARS and Associate Professor, Department of Horticulture, University of Wisconsin-Madison		
10:00 - 10:30	Morning Break - Visit Exhibit Hall/Poster Session		
10:30 - 11:00	White mold and potatoes: Tales from a Michigander - Dr. Jaime Willbur, Assistant Professor, Department of Plant, Soil and Microbial Sciences, Michigan State University, Lansing, MI		
11:00 - 11:30	Potato production under hot conditions: a report from the Columbia Basin of Washington - Dr. Mark Pavek, Professor and Potato Specialist, Department of Horticulture, Washington State University, Pullman, WA.		
11:30- 12:00	Identifying herbicide injury in potatoes - Dr. Andy Robinson, Associate Professor, North Dakota State University / University of Minnesota, Fargo, ND		
12:00 - 1:15	Lunch Mr. Kam Quarles, CEO, National Potato Council Industry Appreciation Awards		Lunch Sponsored by 
Breakout Sessions	Expo 1 Disease Management	Expo 2 Crop Protection	Sands/Spruce Wisconsin Muck Meeting
1:30 - 1:50	Dr. Jaime Willbur - Storage diseases and potatoes - (more) Tales from a Michigander	Dr. Sean Schoville - Spatiotemporal modeling of insecticide resistance in Colorado Potato Beetle	Dr. Brian Nault - Current and future management options for maggots and thrips in onion
1:50 - 2:10	Dr. Renee Rioux - Interactions between the powdery scab pathogen and potato during host infection	Dr. Andy Robinson - Field and storage performance of new red and yellow potato tubers	
2:10 - 2:30	Dr. Dennis Halterman - Relationship between early blight and late blight infection and PVY susceptibility and spread in potato	Dr. Aurelie Rakotondrafara - Plant virus-derived proteins as bio-fungicides in potatoes	Dr. Jed Colquhoun - Using the “many little hammers” approach for muck vegetable weed management
2:30 - 3:30	Afternoon Break - Visit Exhibit Hall/Poster Session		
Breakout Sessions	Expo 1 Precision Agriculture	Expo 2 Bringing Value to Agriculture	Sands/Spruce Wisconsin Muck Meeting
3:30-3:50	Dr. Phil Townsend and Dr. Amanda Gevens - Remote imaging tools for early disease detection in potato	3:30 Chris Bryant, Smart Vision Works - The transformative potential of artificial intelligence (AI) for AG	Dr. Mary Hausbeck - Updates on onion Stemphylium and bacterial disease management
3:50 - 4:10	Ms. Ashmita Rawal and Dr. Matt Ruark - Predicting leaf nitrogen status in potato	3:42 Mark Varner, Vive Crop Protection - Harnessing the power of precision chemistry 3:54 Sean Puls, Sentek - Soil Monitoring, Measure, Know, Advance	
4:10 - 4:30	Dr. Ankur Desai and Ms. Ammara Talib - Predicting Central Sands crop water use	4:06 Micheal Mosher, DATCP - Produce market equity with safety audits and registry 4:18 Joshua Johnson, Chippewa Valley Bean - Adding value to your rotation with kidney beans	
5:15 - 6:00	Social Hour		
6:00 - 10:00	WPVGA Associate Division Banquet		

2022 WPVGA & UW Division of Extension, Grower Education Conference
Thursday, February 10, 2022
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Time	General Session Expo 1 and 2
8:00 - 8:30	Dr. Jeff Endelman, UW Horticulture - Potato Breeding Research Update.
8:30 - 9:00	Dr. Yi Wang, UW Horticulture - Research updates on sustainable potato and vegetable production.
9:00 - 9:30	Dr. Renee Rioux, UW Plant Pathology - Evolving methods for pathogen monitoring and detection in potato seed certification.
9:30 - 10:00	Dr. Russell Groves, UW Entomology - New crop management tools and approaches to enhance IRM.
10:00 - 10:15	Morning Break
10:15 - 10:45	Dr. Jed Colquhoun, UW Horticulture - Integrated weed management update.
10:45 - 11:15	Dr. Amanda Gevens, UW Plant Pathology - Enhancing potato early blight management.
11:15 - 11:45	Dr. Matthew Ruark, UW Soil Science - Nitrogen uptake and response to N of Russet varieties.
11:45 - 12:00	Mr. Tamas Houlihan, WPVGA - Thank you and concluding remarks.
12:00	Adjourn - <i>and Thanks for your Attendance and Participation</i>
1:00	WPVGA Annual Meeting

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