

2024 WPVGA & UW Division of Extension, Grower Education Conference

Tuesday, February 6, 2024

Holiday Inn Hotel & Convention Center, Stevens Point WI

Time	General Session - Expo 1 and 2		
7:30 - 8:20 am	Registration & Visit Associate Division Industry Show (Show open 8:00am)		
8:20 - 8:30 am	Welcome and opening remarks - Tamas Houlihan, Executive Director, Wisconsin Potato and Vegetable Growers Association, Antigo, WI		
8:30 - 9:00 am	Leverage points to decrease nitrate leaching from potato cropping systems - Dr. Steven Hall, Assistant Professor, Department of Plant and Agroecosystem Science, University of Wisconsin-Madison		
9:00 - 9:30 am	Maximum Return to Nitrogen for Potatoes - Dr. Paul Mitchell, Interim Associate Dean of Academic Affairs and Professor, Department of Agricultural and Applied Economics, University of Wisconsin-Madison		
9:30 - 10:30 am	Morning Break - Visit Exhibit Hall/Poster Session		
10:30 - 11:00 am	Enforcing the Endangered Species Act may soon limit pesticide use: making sense of a complex situation - Dr. Jed Colquhoun, Professor, Department of Plant and Agroecosystem Science, University of Wisconsin-Madison		
11:00 - 11:30 am	Adapting leaf spot management strategies in the face of fungicide resistance - Dr. Julie Pasche, Associate Professor, Department of Plant Pathology, North Dakota State University-Fargo		
11:30a - 12:00p	Using image analysis to breed for potato quality traits - Dr. Laura Shannon, Associate Professor, Department of Horticultural Science, University of Minnesota-St Paul		
12:00 - 1:15 pm	Lunch Break: National Potato Council Update - Mike Wenkel, COO, NPC WPVGA Awards		
Breakout Sessions	Expo 1 - Agricultural Fundamentals (101)	Expo 2 - Water Quality and Quantity	Sands/Spruce - Soil Health
1:30 - 1:40 pm	Dr. Amanda Gevens - Disease management	Chuck Bolte - Water Flow & Phosphorus Monitoring in the Antigo Flats	Shan Shan & Richard Lankau - Investigating soil microbiomes that increase post-fumigation soil nutrient retention
1:40 - 1:50 pm	Dr. Matt Ruark - Nutrient management		
1:50 - 2:00 pm	Dr. Jed Colquhoun - Weed management	Haoran Wei - Rapid prescreening of trace imidacloprid in drinking water using concentration-dependent, surface-enhanced Raman spectroscopic patterns	Afona Irabor, Amanda Gevens & Matt Ruark - Effects of cover crops on potato soil health in the Central Sands of Wisconsin
2:00 - 2:10 pm	Dr. Jeff Endelman - Potato breeding		
2:10 - 2:20 pm	Dr. Yi Wang - Potato agronomics	Ankur Desai - Monitoring evapotranspiration in the Central Sands	Tracy Campbell & Matt Ruark - How are we assessing the value of soil health in Wisconsin potato production
2:20 - 2:30 pm	Dr. Paul Mitchell - Asset depreciation		
2:30 - 3:30 pm	Afternoon Break - Visit Exhibit Hall/Poster Session		
Breakout Sessions	Expo I - Bringing Value to Agriculture	Expo 2 - Potato Breeding	Sands/Spruce - Disease Management
3:30 - 3:50 pm	3:30 Craig McCloskey, Bluefield Seeding Solutions - Increase productivity and quality with more accurate seed placement	Paul Bethke - Diploid breeding for potato variety development	Julie Pasche - Exploring the roles of Verticillium Wilt and Black Dot in the Early Die Complex
	3:42 Tommy Roach, Nachurs - Practices which contribute to nutrient balance in potato production		
3:50 - 4:10 pm	3:54 Amanda Wilder, Provision Analytics - Digital Documentation in Agriculture	Laura Shannon - Improving nitrogen use efficiency in potato	Jason Ingram - The technical aspects of tuber testing, where are we and where do we go from here
	4:06 Chris Hunsaker, Acuitus Ag - Finding and fixing inefficiency in your harvest operations		
4:10 - 4:30 pm	4:18 Brian Manley, GreenLight Biosciences - Calantha™: a new bio-insecticide for effective, precise and environmentally friendly Colorado potato beetle control	Kenji Asano - Molecular breeding for potato cyst nematode and PVY resistance	Ken Frost - Potato soil health – challenges and opportunities
4:30 - 8:00 pm	Wisconsin Seed Potato Improvement Association and WPVGA Associate Division Reception		

2024 WPVGA & UW Division of Extension, Grower Education Conference

Wednesday, February 7, 2024

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Time	General Session - Expo 1 and 2		
7:30 - 8:15 am	Registration & Visit Associate Division Industry Show (Show open 8:00am)		
8:15 - 9:00 am	Potatoes USA updates and market summary - Blair Richardson, President, Potatoes USA, Denver, CO		
9:00 - 9:30 am	Species diversity of Dickeya and Pectobacterium causing blackleg and soft rot in potato - Dr. Ken Frost, Associate Professor, Department of Botany and Plant Pathology, Oregon State University - Hermiston.		
9:30 - 10:00 am	Work with your potatoes, not against them - Dr. Paul Bethke, Research Geneticist and Professor, USDA-ARS and Department of Plant and Agroecosystem Science, University of Wisconsin-Madison		
10:00 - 11:00 am	Morning Break - Visit Exhibit Hall/Poster Session		
11:00 - 11:30 am	Building access to make dormant tuber testing a routinely available tool; What's needed? - Mr. Jason T. Ingram, USDA-ARS, Emerging Pests and Pathogens Research Unit, Cornell University-Ithaca		
11:30am - 12:00pm	What's new in the Wisconsin State Climatology Office - Dr. Steve Vavrus, Center for Climatic Research Assistant Director, Senior Scientist, and State Climatologist, Nelson Institute for Environmental Studies, University of Wisconsin-Madison		
12:00 - 1:15 pm	Lunch Break WPVGA/State Legislative Issues Update - Jordan Lamb, Attorney, The Welch Group		
Breakout Sessions	Expo 1 - Potato Agronomics	Expo 2 - Water Quality Management	Sands/Spruce - Wisconsin Muck Meeting
1:30 - 1:50 pm	Yi Wang - Testing elite fresh market varieties in a low nitrogen environment	Russ Groves and Ben Bradford - Patterns of pesticide detections in Wisconsin's Central Sands	Ms. Christy Hoeping, Senior Regional Vegetable Specialist, Cornell Cooperative Extension, Albion, NY - Managing stemphylium leaf blight of onion with emerging fungicide resistance in New York.
1:50 - 2:10 pm	Deana Knuteson - Healthy grown long-range planning and links to national sustainability programs	Emma Schmidt - Emerging remediation strategies for groundwater nitrate pollution	
2:10 - 2:30 pm	Ophelia Tsai & Yi Wang - Evaluating effects of nitrogen "spoon feeding" on common seed potato varieties	Jim Drought - Methods for estimation of nitrate leaching and groundwater recharge	
2:30 - 3:30 pm	Afternoon Break - Visit Exhibit Hall/Poster Session		
Breakout Sessions	Expo 1 - Potato Storage Management	Expo 2 - Disease and Insect Management	Sands/Spruce - Wisconsin Muck Meeting
3:30 - 3:50 pm	Mike Copas - Tuber storage and packability of fresh market cultivars: challenges, impediments and disease development	Sean Schoville - Spatiotemporal modeling of insecticide resistance in Colorado potato beetle	Dr. Lindsey du Toit, Distinguished Professor of Vegetable Seed Pathology & Extension Plant Pathologist, Department of Plant Pathology, Washington State University, Mt. Vernon WA - Applied outcomes and practical solutions emerging from the 'Stop the Rot' onion bacterial project
3:50 - 4:10 pm	James Busse - Plant development stage and variety are important for 2,4-D red skin color enhancement	Dennis Halterman & Mehdi Kabbage - Strategies to improve control of early blight	
4:10 - 4:30 pm	Amber Walker - Screening for sustainability of new and upcoming fresh market clones	Aurelie Rakotondrafara - Optimizing the delivery of virus-derived proteins to control fungal pathogens	
5:15 - 6:00 pm	Social Hour		
6:00 - 10:00 pm	WPVGA Associate Division Banquet		

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Thursday, February 8, 2024
Holiday Inn Hotel & Convention Center, Stevens Point WI

Time	General Session - Expo 1 and 2
8:00 - 8:30 am	Potato Breeding and Variety Development - Jeff Endelman, Associate Professor, Department of Plant & Agroecosystem Sciences, University of Wisconsin-Madison
8:30 - 9:00 am	Using precision agriculture practices in sustainable vegetable production - Yi Wang, Associate Professor, Department of Plant and Agroecosystem Sciences, University of Wisconsin-Madison
9:00 - 9:30 am	Evaluating early generation seed potato production- Brooke Babler, Associate Research Program Director, WSPCP Program, Department of Plant Pathology, University of Wisconsin-Madison.
9:30 - 10:00 am	Managing risk of PVY spread in seed potato: avoidance in space - Russ Groves, Professor and Chairperson, Department of Entomology, University of Wisconsin-Madison
10:00 - 10:15 am	Morning Break
10:15 - 10:45 am	Integrated weed management and water quality research update - Jed Colquhoun, Professor, Department of Horticulture, University of Wisconsin-Madison
10:45 - 11:15 am	Assessing the value of fungicide programs for potato early blight in Wisconsin - Amanda Gevens, Professor and Chair, Department of Plant Pathology, University of Wisconsin-Madison
11:15 - 11:45 am	Preliminary results from the national soil health project - Matt Ruark, Professor, Department of Soil Science, University of Wisconsin-Madison
11:45a - 12:00p	Thank you and concluding remarks - Tamas Houlihan, Executive Director, Wisconsin Potato and Vegetable Growers Association
12:00 pm	<i>Adjourn - and Thanks for your Attendance and Participation</i>
1:00 pm	WPVGA Annual Meeting

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