

Wednesday, December 14, 2022 Coffee, juice and light refreshments will be available at registration beginning at 7:00 am

Time	CROP MANAGEMENT	NUTRIENT MANAGEMENT	PEST MANAGEMENT	SOIL & WATER
8:00 AM	Precision Technology Considerations to Improve Planter Performance and Crop Emergence <i>Simer Virk, University of Georgia</i>	Nitrogen Fertilizer Rate Recommendations – How Close Can We Really Get? <i>James Camberato, Purdue University</i>	New Soybean Defoliation Thresholds <i>Nick Seiter, University of Illinois Urbana-Champaign</i>	The Untamed Multitude: Insights into Soil Biology and Soil Health <i>Roland Wilhelm, Purdue University</i>
9:00 AM	Phantom Yield Loss: Myth or Reality <i>Mark Licht, Iowa State University</i>	Nutrient Removal with Grain Corn: Not Just a Yield Story <i>Tony Vyn, Purdue University</i>	Field Crop Pathogen Resistance and Link to Human Health <i>Marin Brewer, University of Georgia</i>	Short-term Forages That Work Well As Cover Crops and Feed for Livestock, Too <i>Keith Johnson, Purdue University</i>
10:00 AM	Soybean Planting Date and Interaction with Cover Crop Termination Timing <i>Laura Lindsey, The Ohio State University</i>	Sulfur in Soybean: Now, Later, or Ever? <i>Shaun Casteel, Purdue University</i>	Impact of Cover Crops on Soil Residual Herbicides <i>Bill Johnson, Purdue University</i>	Corn Yield Gap Reduction Strategies for Cover Crop Systems <i>Shalamar Armstrong, Purdue University</i> <i>Dan Quinn, Purdue University</i>
11:00 AM	Economics in Corn and Soybean Production <i>Gary Schnitkey, University of Illinois</i>	Research Prioritization for Robust U.S. Agriculture and Global Food Security: How Would You Invest? <i>Ken Cassman, University of Nebraska Lincoln</i> <i>Tony Vyn, Purdue University</i>	It's Not What You Spray, It's How You Spray It <i>Bryan Young, Purdue University</i>	Soil Stewardship: 40 Years of Change <i>Eileen Kladvko, Purdue University</i>

Noon – Lunch (Included with registration thanks to the generosity of our sponsors) Morning sessions repeat in afternoon.

1:00 PM	Precision Technology Considerations to Improve Planter Performance and Crop Emergence <i>Simer Virk, University of Georgia</i>	Research Prioritization for Robust U.S. Agriculture and Global Food Security: How Would You Invest? <i>Ken Cassman, University of Nebraska Lincoln</i> <i>Tony Vyn, Purdue University</i>	New Soybean Defoliation Thresholds <i>Nick Seiter, University of Illinois Urbana-Champaign</i>	The Untamed Multitude: Insights into Soil Biology and Soil Health <i>Roland Wilhelm, Purdue University</i>
2:00 PM	Phantom Yield Loss: Myth or Reality <i>Mark Licht, Iowa State University</i>	Nutrient Removal with Grain Corn: Not Just a Yield Story <i>Tony Vyn, Purdue University</i>	Field Crop Pathogen Resistance and Link to Human Health <i>Marin Brewer, University of Georgia</i>	Short-term Forages That Work Well As Cover Crops and Feed for Livestock, Too <i>Keith Johnson, Purdue University</i>
3:00 PM	Soybean Planting Date and Interaction with Cover Crop Termination Timing <i>Laura Lindsey, The Ohio State University</i>	Sulfur in Soybean: Now, Later, or Ever? <i>Shaun Casteel, Purdue University</i>	Impact of Cover Crops on Soil Residual Herbicides <i>Bill Johnson, Purdue University</i>	Corn Yield Gap Reduction Strategies for Cover Crop Systems <i>Shalamar Armstrong, Purdue University</i> <i>Dan Quinn, Purdue University</i>
4:00 PM	Economics in Corn and Soybean Production <i>Gary Schnitkey, University of Illinois</i>	Nitrogen Fertilizer Rate Recommendations – How Close Can We Really Get? <i>James Camberato, Purdue University</i>	It's Not What You Spray, It's How You Spray It <i>Bryan Young, Purdue University</i>	Soil Stewardship: 40 Years of Change <i>Eileen Kladvko, Purdue University</i>

Preliminary schedule, times and speakers may change. See indianacca.org/program for latest information.

CCHs for IN commercial pesticide applicators will be available in multiple categories. Find specific credit approvals by each session at: www.oisc.purdue.edu/pesticide or scan the QR code to the right.



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Tuesday, December 13, 2022 Coffee, juice and light refreshments will be available at registration beginning at 7:00 am

Time	CROP MANAGEMENT	NUTRIENT MANAGEMENT	PEST MANAGEMENT	SOIL & WATER	SPECIALTY SESSIONS
8:00 AM	High Impact Meteorology 2022 Recap and 2023 Outlook <i>Eric Snodgrass, Nutrien Ag Solutions</i>	Furthering 4R Nutrient Management for Sustained Productivity <i>Tom Bruulsema, Plant Nutrition Canada</i>	Tar Spot of Corn: 2022 Update and Management Options in the Future <i>Darcy Telenko, Purdue University</i>	The Current and Future Outlook for Carbon Markets <i>Joe Outlaw, Texas A&M University</i>	
9:00 AM	Soybean Micronutrient Deficiencies and Foliar Fertilizers <i>Emma Matcham, University of Florida</i>	Fertilizer Supply Chains, Market Drivers, Global Market Trends <i>Alan Blaylock, Nutrien Inc.</i>	New Trends in Fungicide Research: from In-furrow to Resistance Monitoring <i>Kiersten Wise, University of Kentucky</i>	A Prototype System to Evaluate the Potential Benefits of Using Recycled Drainage Water to Irrigate Corn and Soybeans <i>Laura Bowling, Purdue University</i>	
10:00 AM	Abnormal Ear Development in Corn <i>Osler Ortez, The Ohio State University</i>	On-farm Testing of Biological Nitrogen Technologies <i>Laila Puntel, University of Nebraska</i>	Optimizing Post Respray Applications After Herbicide Failure <i>Jesse Haarmann, Purdue University</i>	Fertigation and Chemigation – Maximizing Efficiency While Protecting the Water Resource <i>Lyndon Kelley, MSU Extension/ Purdue Extension</i>	
11:00 AM	Macros, Micros, and Magical Mixes: Input-intensive Management Impacts on Corn Growth, Yield, and Kernel Weight Determination <i>Dan Quinn, Purdue University</i>	Successes and Shortcomings of Remote Sensing in Agriculture <i>Tyler Nigon, Sentera</i>	Impact of Stink Bugs on Field Crops <i>Sally Taylor, Virginia Tech Tidewater Agricultural Research and Extension Center</i>	Integrating Balansa Clover into Midwest Rotations <i>Scott Wohltman, DLF USA</i>	
Noon – Lunch (Included with registration thanks to the generosity of our sponsors) Most morning sessions repeat in afternoon, except Specialty Sessions.					
1:00 PM	High Impact Meteorology 2022 Recap and 2023 Outlook <i>Eric Snodgrass, Nutrien Ag Solutions</i>	Furthering 4R Nutrient Management for Sustained Productivity <i>Tom Bruulsema, Plant Nutrition Canada</i>	Tar Spot of Corn: 2022 Update and Management Options in the Future <i>Darcy Telenko, Purdue University</i>	The Current and Future Outlook for Carbon Markets <i>Joe Outlaw, Texas A&M University</i>	Weed Management in Soft Red Winter Wheat <i>Travis Legleiter, University of Kentucky</i>
2:00 PM	Soybean Micronutrient Deficiencies and Foliar Fertilizers <i>Emma Matcham, University of Florida</i>	Fertilizer Supply Chains, Market Drivers, Global Market Trends <i>Alan Blaylock, Nutrien Inc.</i>	New Trends in Fungicide Research: from In-furrow to Resistance Monitoring <i>Kiersten Wise, University of Kentucky</i>	A Prototype System to Evaluate the Potential Benefits of Using Recycled Drainage Water to Irrigate Corn and Soybeans <i>Laura Bowling, Purdue University</i>	100 Bushels or Bust: Winter Wheat Management Considerations <i>Kurt Steinke, Michigan State University</i>
3:00 PM	Abnormal Ear Development in Corn <i>Osler Ortez, The Ohio State University</i>	On-farm Testing of Biological Nitrogen Technologies <i>Laila Puntel, University of Nebraska</i>	Optimizing Post Respray Applications After Herbicide Failure <i>Jesse Haarmann, Purdue University</i>	Fertigation and Chemigation – Maximizing Efficiency While Protecting the Water Resource <i>Lyndon Kelley, MSU Extension/ Purdue Extension</i>	Integrated Management of Diseases and Mycotoxins in Soft Red Winter <i>Maira Duffeck and Marian Luis, The Ohio State University</i>
4:00 PM	Macros, Micros, and Magical Mixes: Input-intensive Management Impacts on Corn Growth, Yield, and Kernel Weight Determination <i>Dan Quinn, Purdue University</i>	Successes and Shortcomings of Remote Sensing in Agriculture <i>Tyler Nigon, Sentera</i>	Impact of Stink Bugs on Field Crops <i>Sally Taylor, Virginia Tech Tidewater Agricultural Research and Extension Center</i>	Integrating Balansa Clover into Midwest Rotations <i>Scott Wohltman, DLF USA</i>	

4:50-6:30 pm – Tuesday Evening Reception (Included with registration thanks to the generosity of our sponsors)