

Wednesday, December 15, 2021 Coffee, juice and light refreshments will be available at registration beginning at 7:00 am

Time	CROP MANAGEMENT	NUTRIENT MANAGEMENT	PEST MANAGEMENT	SOIL AND WATER MANAGEMENT
8:00 AM	Precision Agriculture Economics and Decision Making - Beyond Profitability <i>Jordan Shockley, University of Kentucky</i>	Comparing Yields, Profitability, and Nutrient Loss of C-S-W with Conventional C-S <i>Lowell Gentry, University of Illinois</i>	Insects Are Full of Surprises: Field Crop Gotchas in 2021 <i>Kelley Tilmon, The Ohio State University</i>	Sustainability from the Humble Soil Humus: Hubris or Humungous? <i>Amanda Bahn-Ziegler, Truterra</i>
9:00 AM	Drought Tolerance and Drought Timing in Corn <i>Jeffrey Coulter, University of Minnesota</i>	Why is Corn Nitrogen Fertilization Above the Economic Optimal Rate a Bad Idea? <i>Newell Kitchen, University of Missouri (Pre-recorded)</i>	Bringing Plant Disease Forecasting Science to the 21st Century Farm <i>Damon Smith, University of Wisconsin-Madison</i>	Making a Soil Health System Work in the Real World <i>Rodney Rulon, Rulon Enterprises LLC</i>
10:00 AM	Planter Setup and Precision Agriculture Components for Optimal Emergence <i>Brian Luck, University of Wisconsin-Madison</i>	Nitrogen and Sulfur Nutrition and At-planting Application in Corn and Soybean Production <i>Raun Lohry, Fluid Fertilizer Foundation</i>	Treated Seed Disposal Concerns and Potential Ramifications on Beneficial & Pest Insect Communities <i>Judy Wu-Smart, University of Nebraska-Lincoln (Pre-recorded)</i>	Next Generation Cover Crop Management to Increase Cash Crop Production and Advance Water Quality <i>Shalamar Armstrong, Purdue University</i>
11:00 AM	Can We Jump-Start Soybeans? <i>Shaun Casteel, Purdue University</i>	Finding Proof for Recommending Less N with Microbial Supplements: Research Challenges in Corn <i>Tony Vyn, Purdue University</i>	In-furrow Fungicides for Disease Management in Corn <i>Darcy Telenko, Purdue University</i>	MCCC Resources for Cover Crop Success <i>Eileen Kladvko, Purdue University</i> <i>Anna Morrow, Midwest Cover Crops Council</i>

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

1:00 PM	Precision Agriculture Economics and Decision Making - Beyond Profitability <i>Jordan Shockley, University of Kentucky</i>	Comparing Yields, Profitability, and Nutrient Loss of C-S-W with Conventional C-S <i>Lowell Gentry, University of Illinois</i>	Insects Are Full of Surprises: Field Crop Gotchas in 2021 <i>Kelley Tilmon, The Ohio State University</i>	Sustainability from the Humble Soil Humus: Hubris or Humungous? <i>Amanda Bahn-Ziegler, Truterra</i>
2:00 PM	Drought Tolerance and Drought Timing in Corn <i>Jeffrey Coulter, University of Minnesota</i>	Why is Corn Nitrogen Fertilization Above the Economic Optimal Rate a Bad Idea? <i>Newell Kitchen, University of Missouri (Pre-recorded)</i>	Bringing Plant Disease Forecasting Science to the 21st Century Farm <i>Damon Smith, University of Wisconsin-Madison</i>	Making a Soil Health System Work in the Real World <i>Rodney Rulon, Rulon Enterprises LLC</i>
3:00 PM	Planter Setup and Precision Agriculture Components for Optimal Emergence <i>Brian Luck, University of Wisconsin-Madison</i>	Nitrogen and Sulfur Nutrition and At-planting Application in Corn and Soybean Production <i>Raun Lohry, Fluid Fertilizer Foundation</i>	Treated Seed Disposal Concerns and Potential Ramifications on Beneficial & Pest Insect Communities <i>Judy Wu-Smart, University of Nebraska-Lincoln (Pre-recorded)</i>	Next Generation Cover Crop Management to Increase Cash Crop Production and Advance Water Quality <i>Shalamar Armstrong, Purdue University</i>
4:00 PM	Can We Jump-Start Soybeans? <i>Shaun Casteel, Purdue University</i>	Finding Proof for Recommending Less N with Microbial Supplements: Research Challenges in Corn <i>Tony Vyn, Purdue University</i>	In-furrow Fungicides for Disease Management in Corn <i>Darcy Telenko, Purdue University</i>	MCCC Resources for Cover Crop Success <i>Eileen Kladvko, Purdue University</i> <i>Anna Morrow, Midwest Cover Crops Council</i>

COVID-19 Update Please note any interaction with the general public poses an elevated risk of being exposed to COVID-19 and we cannot guarantee that you will not be exposed while in attendance at the event. Indiana CCA will follow the Indiana health and safety guidelines, as well as local laws and restrictions.

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



Indiana CCA Conference 2021

December 14-15, 2021

Indianapolis Marriott East, Indianapolis, IN



- CCA's can earn up to 16 CEUs
- Two-day format covers all four required educational areas
- Maximum flexibility: participants can follow one track or choose multiple tracks; attend one day or two; most sessions offered twice.
- Nationally recognized speakers

Sponsored by the Indiana Certified Crop Adviser Program & Field Crop Extension Specialists of

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UNIVERSITY

Indiana CCA Conference

offers an excellent opportunity to earn continuing education units and network with other CCAs.

The two-day program is packed with presentations. There are four to five concurrent sessions each hour. Each day the morning sessions are repeated in the afternoon giving you plenty of opportunity to hear about topics of interest.

The program features leaders from Indiana agriculture, as well as speakers from other parts of the country. The program is designed to allow CCAs to earn up to 16 CEUs during the two days.

Make the most of the conference with these apps:

1. Get the **Indiana CCA** app to preview the program, topics, and speakers. Mark your favorites and plan which sessions to attend.
2. Get the **Certified Crop Adviser** app to scan the sign in sheets. Makes sign in and reporting of CEUs faster.



indianacca.org

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INCCA Conference Session Recordings

The 2021 INCCA Conference will record select sessions at the conference. Ten presentations will be made available after the conference for self study CEUs. These ten videos will be posted after the conference and be available through January 31, 2022. Access to the online recordings will be available only to those who purchase a full conference registration. Single day registrations will not have access to the recordings. CCH credits will NOT be eligible for the online recordings.

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Join us at the 2021 Conference!

- Two-day format covers all four required educational areas for CCA
- Maximum flexibility: participants can follow one track or choose multiple tracks; attend one day or two; most sessions offered twice.
- CCAs can earn up to 16 CEUs
- Each session equals 1 CEU
- Nationally recognized speakers
- Tuesday Evening Reception
- Network with CCAs, university researchers, consultants and industry personnel
- Get a jump on winter meetings with timely information and data
- CCHs for IN commercial pesticide applicators will be available in multiple categories, including 4 and 14. Find specific credit approvals by each session at: www.oisc.purdue.edu/pesticide
- 2021 Specialty Sessions Tuesday afternoon
- Early conference check-in available Monday evening from 6:00-9:00 pm in the hotel atrium

**Indianapolis
Marriott East**
7202 East 21st Street
Indianapolis, IN 46219

Visit indianapolismarriotteast.com or call (317) 352-1231 or (800) 228-9290 to reserve your room. A block of rooms has been reserved at a rate of \$109/night single or double for December 13 & 14, 2021. Please let the hotel know you are with the Indiana Certified Crop Adviser Group. Free parking is available at the hotel.

Tuesday, December 14, 2021 Coffee, juice and light refreshments will be available at registration beginning at 7:00 am

Time	CROP MANAGEMENT	NUTRIENT MANAGEMENT	PEST MANAGEMENT	SOIL AND WATER MANAGEMENT	SPECIALTY SESSIONS
8:00 AM	Sensor-based Nitrogen Management in Corn Production, a Seven-Year SENSE Project Review <i>Joe Luck, University of Nebraska - Lincoln</i>	Start Right to Finish Well: Considerations for Using Starter Fertilizer <i>Kurt Steinke, Michigan State University</i>	SDS: Seed Treatments and Other Management Updates <i>Daren Mueller, Iowa State University</i>	Advancements in Soil Health Interpretation for Producers <i>Kristen Veum, USDA-ARS (Pre-recorded)</i>	
9:00 AM	Weather Prediction: Ditching the Crystal Ball <i>Eric Snodgrass, Nutrien Ag Solutions</i>	What We Know and What We Don't Know About Corn Response to Sulfur in Indiana <i>James Camberato & Bob Nielsen, Purdue University (Pre-recorded)</i>	Crop Wars: The Pigweed Strikes Back <i>Thomas Butts, University of Arkansas</i>	Machine Induced Soil Compaction: Causes & Agronomic Impacts on Soil & Crop <i>Mehari Tekeste, Iowa State University</i>	
10:00 AM	High Yielding Soybean Production: Perspective from a Mid-south Agronomist <i>Jeremy Ross, University of Arkansas</i>	Applying Dry Fertilizers with Broadcast Applicators Accurately and Uniformly <i>John Fulton, The Ohio State University</i>	Tar Spot of Corn: Its Impact in Indiana and Management Options for the Future <i>Darcy Telenko, Purdue University</i>	Designing Digital Technologies for Sustainable Agriculture <i>Ankita Raturi, Purdue University</i>	
11:00 AM	Weather Prediction: Ditching the Crystal Ball <i>Eric Snodgrass, Nutrien Ag Solutions</i>	Mo' Money Now, or Flexibility Later – Approaches to K Fertilization <i>James Camberato, Purdue University</i>	New Corn Traits for 2022: What Do They Mean for Insect Pest Management and Bt Resistance? <i>Christian Krupke, Purdue University</i>	Climate and Weather Tools for CCAs <i>Beth Hall, Purdue University</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	Sensor-based Nitrogen Management in Corn Production, a Seven-Year SENSE Project Review <i>Joe Luck, University of Nebraska - Lincoln</i>	Start Right to Finish Well: Considerations for Using Starter Fertilizer <i>Kurt Steinke, Michigan State University</i>	SDS: Seed Treatments and Other Management Updates <i>Daren Mueller, Iowa State University</i>	Advancements in Soil Health Interpretation for Producers <i>Kristen Veum, USDA-ARS (Pre-recorded)</i>	Processing Tomato Production in the Midwest <i>Liz Maynard, Purdue University</i>
2:00 PM	Corn Following a Rye Cover Crop – Can We Make It Work? <i>Dan Quinn, Purdue University</i>	What We Know and What We Don't Know About Corn Response to Sulfur in Indiana <i>James Camberato & Bob Nielsen, Purdue University (Pre-recorded)</i>	Crop Wars: The Pigweed Strikes Back <i>Thomas Butts, University of Arkansas</i>	Machine Induced Soil Compaction: Causes & Agronomic Impacts on Soil & Crop <i>Mehari Tekeste, Iowa State University</i>	Midwest Hop Production <i>Ryan Hammer, Crazy Horse Hops LLC</i>
3:00 PM	High Yielding Soybean Production: Perspective from a Mid-south Agronomist <i>Jeremy Ross, University of Arkansas</i>	Applying Dry Fertilizers with Broadcast Applicators Accurately and Uniformly <i>John Fulton, The Ohio State University</i>	Tar Spot of Corn: Its Impact in Indiana and Management Options for the Future <i>Darcy Telenko, Purdue University</i>	Designing Digital Technologies for Sustainable Agriculture <i>Ankita Raturi, Purdue University</i>	Irrigation & Fertilization Management in Watermelon Production in Southern Indiana <i>Wenjing Guan, Purdue University</i>
4:00 PM	Corn Following a Rye Cover Crop – Can We Make It Work? <i>Dan Quinn, Purdue University</i>	Mo' Money Now, or Flexibility Later – Approaches to K Fertilization <i>James Camberato, Purdue University</i>	New Corn Traits for 2022: What Do They Mean for Insect Pest Management and Bt Resistance? <i>Christian Krupke, Purdue University</i>	Climate and Weather Tools for CCAs <i>Beth Hall, Purdue University</i>	Popcorn Production in Indiana <i>Rachel Foley, Conagra</i>
4:50-6:30 pm – Tuesday Evening Reception (Included with registration thanks to the generosity of our sponsors)					