

Kentuckiana Crop Production Seminar

December 2-3, 2025
French Lick Resort Hotel
8670 West State Rd 56
French Lick, IN 47432

CCA Credits applied for: NM- 4 SW- 2 PM- 4 CM- 5
IN Applicator CCH applied for: Category 1- 9 Category 4- 2 Category 11- 4 Category 14- 3 Category RT- 11
KY Applicator CEU applied for: Category 1A- 9 Category 4- 1 Category 10- 2

Tuesday, December 2, 2025

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| 8:00 am | Can Corn Reduce Carbon Costs?
Dr. Chad Lee
University of Kentucky
Multinational companies still have carbon reduction plans and still have expectations on farmers. This talk will discuss realistic carbon footprint reduction strategies in corn and will include some unrealistic concepts as well.
IN Applicator CCH:
KY Applicator CEU:
CCA Credit: SW |
| 9:00 am | New Innovations in Fertilizer Technology
Dr. Greg Schwab
Schwab Agronomic Consultants, LLC
The talk will cover technologies that fertilizer producers are considering to improve nitrogen use efficiency and storability. Technologies include multi-nutrient nitrogen sources, nonhazardous ammonium nitrate-based fertilizers, urea adducts, locally produced polymer coated urea and other technologies and how these technologies influence nitrogen loss to the environment.
IN Applicator CCH: 14, RT
KY Applicator CEU: 1A
CCA Credit: NM |
| 10:00 am | Meeting Break |
| 10:15 am | Forage Management for a Changing Climate
Dr. Chris Teutsch
University of Kentucky
This presentation will explore strategies for managing grazing and hay production systems to mitigate the impact of extreme weather events such as drought and flood.
IN Applicator CCH:
KY Applicator CEU:
CCA Credit: CM |
| 11:15 am | Benefits and limitations of neonicotinoid seed treatments for pest management in early season soybeans
Dr. Christian Krupke
Purdue University
IN Applicator CCH: 1, 4, RT
KY Applicator CEU: 4
CCA Credit: PM |
| 12:15 pm | Group lunch |

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1:15 pm	Stress Tested: What Makes or Breaks Soybean Dr. Shaun Casteel Purdue University Soybeans adapt to extremes in weather and field conditions. Casteel will discuss how soybean plants respond to stresses such as crusting, ponding, sandblasting, hail, corn residue, compaction, drought, and more. IN Applicator CCH: 1, RT KY Applicator CEU: 1A CCA Credit: CM
2:15 pm	Nutrient Management Planning for Kentucky and Indiana Ronan Cummins Agronomy One New plan formats for DIA 101 and CEMA 102, how the plans get formulated and the outcomes of the plans. IN Applicator CCH: 1, 14, RT KY Applicator CEU: CCA Credit: NM
3:15 pm	Meeting Break
3:30 pm	Weeds, weeds, and more weeds: What do we need to know for 2026? Dr. Tommy Butts Purdue University This presentation will cover a variety of weed management topics including: herbicide resistance concerns, tips for successful management, and new technologies (herbicide pipeline, targeted applications, drones, etc.). IN Applicator CCH: 1, RT KY Applicator CEU: 1A CCA Credit: PM
4:30 pm	The Science Behind Nozzle Technology Dr. Fred Whitford Purdue University Even if you have the best products and equipment, the proper mixture and a seasoned applicator, it can all be thrown off by the wrong nozzle, nozzles that are not working properly or are aimed incorrectly. IN Applicator CCH: 1, 11, RT KY Applicator CEU: 1A, 10 CCA Credit: PM
5:30 pm	Adjourn
6:00 pm	Reception Social Hour
7:00 pm	Dinner on your own

Wednesday, December 3, 2025

- 8:00 am **Update on soybean diseases in Kentucky**
Dr. Carl Bradley
University of Kentucky
Every year, diseases reduce soybean yields, but the weather can play a major factor on which diseases are the most important from year to year. This presentation will summarize the most important soybean diseases that occurred in Kentucky in 2025. Biology and management of diseases will be discussed, which will include emerging diseases, such as red crown rot of soybean.
IN Applicator CCH: 1, 4, 11, RT
KY Applicator CEU: 1A
CCA Credit: CM
- 9:00 am **Corn Diseases: What We Found in Indiana, Management Options, and Future Outlook**
Dr. Darcy Telenko
Purdue University
Corn disease can significantly affect the health of corn and result in losses in profitability. Accurate disease identification and management is key to maintaining optimum yield. A summary of the 2025 season in Indiana will be presented, including an update on research, as we continue to improve our understanding of new and emerging diseases in corn and best management tools to help mitigate potential yield loss.
IN Applicator CCH: 1, 11, RT
KY Applicator CEU: 1A
CCA Credit: CM
- 10:00 am **Meeting Break**
- 10:15 am **Center-Pivot Irrigation in Kentucky**
Glynn Beck
Kentucky Geological Survey
This talk will summarize center-pivot irrigation in Kentucky. It will cover where the pivots are located and what the climatic, economic and hydrogeologic factors are that control the installation and distribution of center pivots.
IN Applicator CCH:
KY Applicator CEU:
CCA Credit: SW
- 11:15 am **Agronomic Management of New Short-Stature Corn Hybrids in Indiana**
Dr. Dan Quinn
Purdue University
This presentation will discuss and highlight recent Indiana-based research examining new short-stature corn hybrid responses to row spacing, nitrogen management, and combined intensive management practices. In addition, this presentation will compare growth and physiology for short-stature hybrids in comparison to current, tall-stature hybrids.
IN Applicator CCH: 1, RT
KY Applicator CEU: 1A
CCA Credit: CM
- 12:15 pm **Group lunch**

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- 1:15 pm **Smart Scouting, Smarter Spraying: Corn Disease Management**
Dr. Kiersten Wise
University of Kentucky
Proactive corn disease management is more critical than ever. Updated recommendations for southern rust management will be discussed along with new predictive models and data-driven fungicide decision tools that can give farmers a strategic edge heading into the 2026 growing season.
IN Applicator CCH: 1, 11, RT
KY Applicator CEU: 1A, 10
CCA Credit: PM
- 2:15 pm **Meeting Break**
- 2:30 pm **Contributions of Infield Conservation to Sustainably Intensified Agriculture**
Dr. Shalamar Armstrong
Purdue University
Sustainably intensified agriculture (SIA) fosters the main goal of maximizing profitability, while minimizing environmental damage. Dr. Armstrong will share key findings from his research program that quantified the contributions of infield conservation practices on residue management and cover crop inclusion to farm production and nutrient loss reduction at the field and watershed scales. Further, he will focus on adaptive management practices that reduce yield gaps in cover crop systems.
IN Applicator CCH: 14, RT
KY Applicator CEU: 1A
CCA Credit: NM
- 3:30 pm **CMVs, CDLs, and Hazmat regulations**
Brian Hammer
Nationwide Insurance
Driver Licenses required, Non-CDL versus CDL. Restricted CDL and Haz Mat Endorsement. Definition and requirements for commercial motor vehicles: When does the vehicle become a commercial motor vehicle? What is required of a commercial motor vehicle? Review of pertinent hazardous material regulations: Registration, Placarding, Labeling, Bulk versus non-bulk. Review of load securement regulations as it relates to hazardous materials.
IN Applicator CCH:
KY Applicator CEU: 1A
CCA Credit: NM
- 4:30 pm **Adjourn**

The Kentuckiana Crop Production Seminar is brought to you by:

