



# 2021 Farm Journal Corn & Soybean College

Brought to you in conjunction with Crop-Tech Consulting Inc.

## Farming In The Environmental Triangle

### Day 1

Tuesday, August 3rd

- 8:00 Registration  
Coffee and Donuts
- 8:30 Opening Session
- 8:45 General Session  
*Covers, Carbon, and CO<sub>2</sub>*
- 10:15 Break
- 10:30 Breakout #1
- 11:50 Lunch
- 12:50 Breakout #2
- 2:10 Breakout #3
- 3:30 Break
- 3:45 General Session  
*Environmental Triangle  
Simulation*
- 5:00 Happy Hour/Q & A
- 6:00 Steak Dinner

### Day 2

Wednesday, August 4th

- 6:30 Coffee and Donuts
- 7:00 Breakout #1
- 8:20 Breakout #2
- 9:40 Break
- 9:55 Breakout #3
- 11:15 General Session  
*Navigating Through the  
Environmental Triangle*
- 12:30 Lunch
- Q & A until last question is answered



For more info visit: <https://www.croptechinc.com/cbc/>

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## General Sessions:

### **Covers, Carbon Credits, and CO<sub>2</sub> (Day 1)**

Covers and carbon credits are getting a lot of airtime recently. This session helps set realistic expectations on their true costs and benefits. Tillage systems, crop rotation, cover crop selection and kill timing, and soil fertility all can impact the amount of carbon sequestration and CO<sub>2</sub> released. This presentation will ensure that you understand the whole system before you implement a change.

### **Environmental Triangle Simulation (Day 1)**

This simulation allows participants to test themselves on putting into practice the different principals presented. They will be given different scenarios to see how they would adjust the human environment to manage around the challenges presented in the physical and natural environment.

### **Navigating Through Nutrient Regulations (Day 2)**

This session will look across several different programs available today that are trying to solve the nutrient management issue, their ease of use, and their challenges and benefits. Growers can be better equipped to navigate their way through current and future nutrient management plans, whether they be voluntary or mandated.



## Breakout Sessions:

### **Managing Your Subsurface Environment (Day 1)**

This in-field session is looking beneath the surface while examining soil density and the impact it can have on root growth and water availability. From the moldboard plow, all the way to no-till and cover crops, your residue management decisions impact soil density. Attendees will get down and dirty, digging plants and utilizing soil pits to evaluate different subsurface environments.

### **Storage Tanks for Micronutrients-Choose Wisely by Asking Questions (Day 1)**

With increasing use of micronutrients and projections that the market will continue to expand, the question arises of which tank material is best suited for storing these fertilizers. This presentation will discuss factors you will want to consider when choosing between poly, fiberglass, carbon steel, and stainless-steel tanks to store micronutrient fertilizers.

### **The Influence of Cover Crops on the Environmental Triangle (Day 1)**

This breakout looks at the true ROI of cover crops in corn and beans. The session walks through changes that can be made in your 4 R practices and hybrid selection to help manage the obstacles that come with adding cover crops to your cropping rotation.

### **Maximizing the Natural Environment for High Yield Soybeans (Day 2)**

Environmental changes are giving us more frost-free days in April every year. This session will look at how we take advantage of these extra days. This breakout will cover how planting date, maturity selection, seed bed preparation, and timing of post herbicide application can help maximize these “free” days.

### **The Stress Test (Day 2)**

How many ways can you manage stress? Every decision you make throughout the growing season will either add or alleviate stress for your growing crop. This breakout demonstrates how making these decisions on hybrid selection, population, crop rotation, residue management and more can manage stress and maximize yield.

### **It All Starts in The Furrow (Day 2)**

Effectively managing the furrow environment requires attention to all aspects of the environmental triangle. This session will show you how to evaluate the effectiveness of your closing system and row cleaners across multiple tillage/no-till environments and look at new technology on the market to assist in doing a better job of creating the perfect furrow environment.