

# Crop-Tech Consulting 2022 Virtual Winter College



## Farming In The Environmental Triangle

**Tuesday,  
January 4th**

**Starts: 8:00 AM Central**

### The Environmental Triangle

#### Managing Your Subsurface Environment

Break / Q & A

#### Max the Environment for High Yield Beans

Break / Q & A

#### The Stress Test

**Lunch Break (Roughly 12:00-1:00)**

#### Covers, Carbon, and CO<sub>2</sub>

Break / Q & A

#### Navigating Through Nutrient Regulations

Q & A

**Ends: 4:20 PM Central**



#### Intro to the Environmental Triangle

The environmental triangle is made up of three components that are interconnected. You can be aware of what is happening in the environment around you and react accordingly, or you can let the environment happen to you, but ultimately the choice is yours.

#### Covers, Carbon Credits, and CO<sub>2</sub>

Tillage systems, crop rotation, cover crop selection and kill timing, and soil fertility can all 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 and set realistic expectations on the true costs and benefits.

#### Maximizing the Natural Environment for High Yield Soybeans

Environmental changes are giving us more frost-free days in April. This session 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

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 session demonstrates how making these decisions on hybrid selection, population, crop rotation, residue management and more can manage stress and maximize yield.

#### Managing Your Subsurface Environment

This in-field session examines soil density and the impact it can have on root growth and water availability. From the plow, all the way to no-till and cover crops, your residue management decisions impact soil density. Attendees will head to the field virtually to see root digs and soil pits that demonstrate how to evaluate different subsurface environments.

#### Navigating Through Nutrient Regulations

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.

**Register at**

<https://www.croptechinc.com/virtualwintercollege/>