



# ACPA Newsletter

2021

Volume 45 Number 1

## 2021 Arkansas Crop Management Conference

The Arkansas Crop Management Conference is presented by:

- Arkansas Crop Protection Association
- Arkansas Plant Food Association
- Arkansas Agricultural Consultants Association
- Arkansas Certified Crop Advisors
- University of Arkansas Division of Agriculture.

The Conference would like to recognize the tireless efforts of ACPA President, Dr. Jarrod Hardke; ACMC Program Chairman, Craig Shelton; ACPA Executive Director, Dr. Donald Johnson;

and Magnolia Web Development President, Rick Potratz.

The 2021 ACMC will be held virtually after a July meeting yielded a unanimous vote. The virtual meeting will consist of two platforms:

1. Live Zoom video conferencing
2. ACMC webpage

The ACMC webpage is the place for attendees to register, pay, and find links to both pre-recorded sessions and two live Zoom meetings.

The Conference will take place beginning Tuesday, January 19, with a live

kick-off program in the afternoon. It will close two weeks later on Tuesday, February 2, except for the live Q/A meeting which will take place the following day, Wednesday, February 3, via a Zoom meeting with a live moderator.

While the 25 pre-recorded sessions may be viewed anytime between January 19 and February 2, the live Zoom sessions (the Conference kick-off on January 19 and the Q/A meeting on February 3) must be attended at the actual times of presentation to receive credit; they will not be available for further viewing.

The 45-minute pre-recorded presentations will offer 25 CEU credits in addition to the 3 credits offered during the zoom session on the first day.

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### Special points of interest:

- Register <https://acpanews.com/register>
- Log in for presentation viewing <https://acpanews.com/login/>
- Zoom Registration [https://uaex.zoom.us/webinar/register/WN\\_IX8QADJcS3Wp1FU7rA7oZg](https://uaex.zoom.us/webinar/register/WN_IX8QADJcS3Wp1FU7rA7oZg)



Arkansas Rice



Arkansas Corn



Arkansas Soybeans



Arkansas Cotton



## Topics and Presentations

**Date:** Tuesday, January 19, 2021

**Time:** 1:00 – 5:00 PM CST

**Description:** Welcome to the 2021 Arkansas Crop Management Conference live kick-off. This event will have three presentations along with live Q&A opportunities with the presenters. Remaining presentations will be available for registered attendees starting Jan. 20.

Zoom live session may registered for at the following link. In order to receive CEU credits you must be registered for the ACMC 2021. Zoom session viewing is free if you do not want to register for CEU's.

**Link to Register:** [https://uaex.zoom.us/webinar/register/WN\\_IX8QADJcS3Wp1FU7rA7oZg](https://uaex.zoom.us/webinar/register/WN_IX8QADJcS3Wp1FU7rA7oZg)

### Tuesday January 19

1:00 Welcome and Introduction by Craig Shelton and Jarrod Hardke

1:30 Climate Outlook by Eric Snodgrass, Nutrien

2:30 Agrian: Data Management Through One Unified Workflow by Zach Worden, Agrian

3:30 Variable Rate Planting and Fertility by Aaron Breimer, Veritas

4:30 Closing Remarks with Jarrod Hardke, ACPA President

**Presentations available January 20** on website using userid and password obtained during registration:

<https://acpanews.com/login/>

### Soybeans

Weed Control in Corn, Cotton and Soybeans by Tom Barber, UofA

Pick Your Herbicide: Soybean Variety Selection in Confusing Times by Jeremy Ross, UofA

Potassium and Chloride in Soybeans: Too Much of a Good Thing? by Trent Roberts, UofA

Soybean Insect Management by Ben Thrash, UofA

Taproot Decline of Soybean: A Fairly New Disease of Soybean in the Mid-South by Tom Allen, MSU

### Rice

Rice Weed Control & Crop Tolerance by Jason Norsworthy, UofA

Rice Fertilization: Dollars and (Common) Sense by Trent Roberts, UofA

Rice Varieties and Technologies for 2021 by Jarrod Hardke, UofA

Insect Control in Furrow-Irrigated and Flooded Rice by Nick Batemen and Chase Floyd, UofA

Water and Nitrogen Management in Furrow-Irrigated Rice by Jarrod Hardke and Justin Chlapecka, UofA

### Corn

Corn Fertilization: You Get Out What You Put N by Trent Roberts, UofA

High Yielding Corn Practices by Jason Kelley, UofA

### Cotton

Bollworm Resistance in Bollgard II by Gus Lorenz, UofA

Future of Cotton Agronomics by Bill Robertson, UofA

Cotton Fertility by Chuck Wilson, UofA

### Other

Looking at Production Ag through a Profit Driven Lens by Adam Chappell, Chappell Farms

Field Composite V Grid Sampling by John West, Deveron

Applications 101: Sprayers, Technologies and How to Get It Right by Tommy Butts/Jason Davis, UofA

Drone Applications (Potential in Rice) by Troy Gibbs, T&T Endeavors, LLC

Soybean Nematode Management in Arkansas by Travis Faske, UofA

Today's Variable-Rate Technology: Seeding and Nutrition by Dr. John Fulton, Ohio State University

Industry Update 1

Industry Update 2

Industry Update 3

Student Presentations



## Registration for Virtual Arkansas Crop Management Conference 2021

Registration is currently open on the ACPA website for the 2021 Virtual Arkansas Crop Management Conference by clicking the following link:

<https://acpanews.com/register>

Or go to website and click on registration link:

<https://acpanews.com/>

The cost is \$95 per person. During registration, registrants will enter a userid and password to use to access listed presentations which will remain open until Tuesday, February 2. The website will also contain access to industry updates as well as presentations from the 2020 Student Competition Winners.

If you registered but still need to pay go the following link:

<https://acpanews.com/conference-registration-payment/>

### **Zoom Session begins:**

#### **Tuesday January 19**

- 1:00 Welcome and Introduction by Craig Shelton and Jarrod Hardke
- 1:30 Climate Outlook by Eric Snodgrass, Nutrien
- 2:30 Agrian: Data Management Through One Unified Workflow by Zach Worden, Agrian
- 3:30 Variable Rate Planting and Fertility by Aaron Breimer, Veritas
- 4:30 Closing Remarks with Jarrod Hardke, ACPA President

**Wednesday, January 20, 8:00 AM.** All on line presentations for registrants will be available on the following link:

<https://acpanews.com/login/>

You must use a userid and password to access the presentations.

#### **Tuesday, February 2**

12:00 PM The ACPA website will close access to presentations.

#### **Wednesday, February 3**

##### **Zoom question and answer session.**

All live Q/A meetings will be conducted via zoom.

Industry updates will NOT have a Q/A opportunity.

8:00 Soybean

9:00 Rice

10:00 Corn and Cotton

11:00 Other

## Presentations by Student Winners From Virtual Arkansas Crop Protection Association Research Conference in Fayetteville

University of Arkansas students Carrie Ortel, Mason Castner, Mary Jane Lytle and Adam Whitfield were 2020 winners in student competitions.

PhD Student, Carrie Ortel, was the winner in the 2020 Virtual Student Competition in the Research Conference with her talk “Identifying and Correcting Potassium Hidden Hunger in Arkansas Soybeans.” Ortel highlights research in potassium deficient plants remarking potassium (K)

deficiency is not always visually apparent in soybeans.

Masters Students Mason Castner and Mary Jane Lytle were first place winners in the Masters Division. Castner’s talk: “Effectiveness of Potassium Tetraborate Tetrahydrate as a Dicamba Volatility Reduction Agent and Effect on Weed Control” shows research for adding potassium borate to dicamba and the potential for reducing off-target movement without sacrificing

efficacy on key weed species. Lytle’s talk: “Influence of Planting Arrangement on Rice Canopy Formation and Grain Yield” shows research on experiments evaluating the influence of rice planting arrangement on canopy formation and grain yield.

Adam Whitfield was the winner for the Undergraduate Research Conference Student Competition with his paper “Efficacy of Selected Insecticides for Control of Tarnished Plant

Bug, *lygus lineolaris*, in Arkansas”. Whitfield highlights the number one insect pest in Cotton production and studies the efficacy of insecticides through trials that are part of a regional Mid-South study.

These pre-recorded presentations will be available to view on the ACMC webpage for the duration of the 2-week conference.

**We’re on the web:**

<https://acpanews.com/>