

The Arkansas  
Crop  
Management  
Conference

2022

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Presented by:

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

Location:

Wyndham  
Riverfront,  
North Little  
Rock, AR  
501-371-9000

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*Local Meeting Support Provided By:*



## WELCOME TO THE 2022 ARKANSAS CROP MANAGEMENT CONFERENCE

We welcome you to the Arkansas Crop Management Conference. The conference's goal is to provide enough diversity to maintain your interest and always offer a session that benefits you. There will be 2-3 concurrent sessions in each time frame that have been selected by a committee of representatives from the organizations that sponsor the meeting. An evaluation form is available at the registration desk for you to give us an appraisal of this year's program; the results will be used to improve future program design and selection of topics.

### ***Things to Know:***

**Name Badges:** Required for admittance to all sessions

**Breaks:** Razorback East and West rooms have refreshments Tuesday – Thursday

**CCA and consultant continuing education credits available:** Credits are listed by each session in program

**CEU credits and sign-up:** To get credit for each session, sign attendance sheets in the back of each room immediately when the session concludes. CCA members may scan the QR code to get credit. App instructions on use of QR code are on signs in meeting area. Sheets will be gathered up after each session so be sure to sign sheets as soon as each individual talk or meeting session concludes. Opening session will be 2 hours; remaining meeting sessions will be 1 hour each.

**Topic codes for credit hours:** CM – Crop Management; NM – Nutrient Management; PD – Professional Development; PM – Pest Management; SW – Soil and Water

**Speaker Ready Room: Decantillon Room 1004**

### ***Registration in Huntersville Room 1005:***

**Monday:** 3 PM – 6 PM – Early registration and preregistration packet pickup to avoid crowds

**Tuesday:** 7 AM – 5 PM

**Wednesday:** 8 AM – 5 PM

**Thursday:** 8 AM – 12 PM

### ***Program Event Highlights & Special Meetings:***

**Tuesday 9 AM:** Opening Session

**Tuesday Noon:** Awards luncheon and keynote speaker, *Silver City 5-7*

**Tuesday 5 PM:** ACPA Membership Meeting, *Silver City 1-2*

**Tuesday 5 PM:** APFA Membership Meeting, *Silver City 3-4*

**Tuesday 5 PM:** President's Reception, *Silver City 5-6*

**Wednesday 6:15 AM:** ACMC Devotional, *Arkansas Traveler Room*

**Wednesday 7 AM:** APFA board meeting, *Blue Dog Dining Room*

**Wednesday Noon:** CCA Luncheon, *Silver City 6-7*

**Wednesday Noon:** General Lunch Buffet, *Riverfront Steakhouse Restaurant*

**Wednesday 5:15 PM:** Social Hour and Silent Auction, *Silver City 5-6. Auction proceeds fund scholarships.*

**Thursday 7 AM:** ACPA board meeting, *Blue Dog Dining Room*

**Thursday Noon:** ACPA, APFA, AACA & CCA Delegate Meeting, *Blue Dog Dining Room, Delegates only*

**Thursday, 12:00-5:00 PM:** Arkansas Cotton Support Committee (invited guests) *Arkansas Traveler Room*

# 2020 Arkansas Crop Management Conference Program

## January 18-20, 2022

Tuesday Morning, January 18, 2022

Time/Credits	Session	Title	Speaker	Room
7:00 – 5:00		Registration and Preregistration Packet Pickup		Huntersville Room 1005
		Speaker Ready Room		Decantillon Room 1004
8:00 – 10:00		General Session Moderator: Craig Shelton, ACPA President		Silver City 5-7
8:00 – 9:00 NM1	1.0	Amplified Agriculture	Jason Mauck, CEO Constant Canopy	Silver City 5-7
9:00 – 10:00 PD1	1.0	Vision For Arkansas	Sarah Huckabee Sanders, Candidate for Governor	Silver City 5-7
		<b>Session Moderators:</b> <b>1 (Silver City 1-2): Hank Chaney</b> <b>2 (Silver City 3-4): Keith Driggs</b>		
10:10 – 11:00 PM1	2.1	Recent Weed Shifts and Management in Current Cropping Systems	Tom Barber, UA Division of Agriculture	Silver City 1-2
10:40 – 10:50		Industry Update	Don Johnson, FMC	
10:10 – 11:00 NM1	2.2	Effective Tissue Sampling in Corn to Diagnose Nutrient Deficiency	Trent Robert, , UA Division of Agriculture	Silver City 3-4
10:40 – 10:50		Industry Update	Craig Shelton, Gavilon	
11:10 – 11:55 SW1	3.1	Maximizing Profits (Cover Crops vs. Conventional Tillage) Aquifer Condition	Jason Krutz, Director, MS Water Resources Research Institute	Silver City 1-2
11:45 – 11:55		Industry Update	Keith Driggs, Syngenta	
11:10 – 11:55 PM1	3.2	Cotton Insect Management	Ben Thrash, UA Division of Agriculture	Silver City 3-4
11:45 – 11:55		Industry Update	Chase Samples, Americot	
12:10 – 1:45 SW1	4.1	Awards Luncheon and Keynoter Speaker Topic: Waterfowl and Working Lands: Impacts on Distributions and Changed Behavior	Doug Osborne, University of Arkansas, Monticello Wildlife Management	Silver City 5-7

## 2020 Arkansas Crop Management Conference Program January 18-20, 2022

### Tuesday Afternoon, January 18, 2022

Time/Credits	Session	Title	Speaker	Room
		<b>Session Moderators: 1 (SC 1-2): Chet Chaney 2 (SC 3-4): Kyle Colwell</b>		
2:00 – 2:40 SW1	5.1	Irrigation Efficiency Using Drones, Moisture Sensors, and Other IWM Tools	Mike Hamilton, UA Division of Agriculture	Silver City 1-2
2:40 – 2:50		Industry Update	Chet Chaney, Bayer	
2:00 – 2:40 CM1	5.2	The Economics of Harvesting and Drying High Moisture Corn	Brian Adams, Kris Baker, John Verrell	Silver City 3-4
2:40 – 2:50		Industry Update	Scott Rushing, UPI	
3:00 – 3:40 PM1	6.1	What to expect with Thrive-On Cotton (Roundtable)	Ben Thrash, UA; Jay Mahaffee, Bayer	Silver City 1-2
3:40 – 3:50		Industry Update	Anthony Mills, Bayer	Silver City 3-4
3:00 – 3:40 CM1	6.2	Row Rice (We aren't just Farming Rice Anymore)	Ryan Sullivan, Tyler Hydrick	
3:40 – 3:50		Industry Update	Hayden Hambrick, RiceTec	
4:00 – 4:40 CM1	7.1	Row Rice Management and Fertility	Jarrold Hardke and Trent Robert, UA Division of Agriculture	Silver City 1-2
4:40 – 4:50		Industry Update	Jason Meier, ADAMA	
4:00 – 4:40 PM1	7.2	36 Years of Arkansas Entomology	Gus Lorenz, Distinguished Professor Emeritus, UA	Silver City 3-4
4:40 – 4:50		Industry Update	Devin Drake, AgBiTech	
5:00 – 6:00 PD1	8.1	ACPA Membership Meeting		Silver City 1-2
5:00 – 6:00 PD1	8.2	APFA Membership Meeting		Silver City 3-4
5:00 – 8:00		<b>President's Reception</b>		Silver City 5-6

# 2020 Arkansas Crop Management Conference Program

## January 18-20, 2022

### Wednesday Morning, January 19, 2022

Time/Credits	Session	Title	Speaker	Room
6:15-7:00		<b>ACMC Devotional</b>	M. Morris, B. Griffin	Arkansas Traveler
7:00 – 8:00		<b>APFA Board Meeting</b>		Blue Dog Dining Rm
8:00 – 5:00		<b>Registration &amp; Preregistration</b>		Huntersville 1005
		<b>Speaker Ready Room</b>		Decantillon 1004
		<b>Session Moderators:</b> <b>1 (SC 1-2): Matt Cordell</b> <b>2 (SC 3-4): Jason Meier</b> <b>3 (SC 6-7): Sterling Clifton</b>		
8:00 – 8:40 SW1	9.1	Carbon, It's Not For Everyone, But Sustainability Is!	Sally Flis, Nutrien Senior Manager Sustainable Fld.	Silver City 1-2
8:40 – 8:50		Industry Update	Cade Hayden, BASF	
8:00 – 8:40 CM1	9.2	Yield Trends of Cotton vs Corn: Picking the same cotton as the 90's	Tyson Raper, Univ. Tenn., Dept. of Plant Sciences	Silver City 3-4
8:40 – 8:50		Industry Update	Kyle Briscoe, SEPRO	
8:00 – 8:40 PM1	9.3	Rice Insect Control: Where We Can Save Money?	Nick Bateman, UA Division of Agriculture	Silver City 6-7
8:40 – 8:50		Industry Update	Dennis Long, Belchim	
9:00 – 9:40 PM1	10.1	Understanding Nitrogen Fixing Microbes and Navigating the Biological Landscape	Dan Poston, Director of Agronomy (Pivot Bio)	Silver City 1-2
9:40 – 9:50		Industry Update	Mallory Everett, Valent	
9:00 – 9:50 SW1	10.2	Taking the uncertainty out of scheduling irrigation for FIR, corn and soybeans: New technology for increased yields and profitability	Chris Henry, UA Division of Agriculture	Silver City 3-4
9:40 – 9:50		Industry Update	Leslie Rogers, AgriGold	
9:00 – 9:40 NM1	10.3	Effective Nitrogen Management when Fertilizer Prices are High	Trent Robert, UA Division of Agriculture	Silver City 6-7
9:40 – 9:50		Industry Update	Nick Crouch, Nutrien	
10:00 – 10:40 PM1	11.1	Rice Weed Control Update	Jason Norsworthy, UA Division of Agriculture	Silver City 1-2
10:40 – 10:50		Industry Update	Sunny Bottoms, Gowan	
10:00 – 10:50 NM1	11.2	Potassium Tissue Monitoring Program - (Sampling Procedures, Forms, Fees etc.)	Carrie Ortel and Trent Robert, UA Division of Ag.	Silver City 3-4
10:40 – 10:50		Industry Update	William Johnson, Pioneer	
11:00 – 11:50 SW1	12.1	Climate Overview (LIVE ONLINE PRESENTATION)	Eric Snodgrass, Nutrien Atmospheric Scientist	Silver City 1-2
11:00 – 11:40 SW1	12.2	Taking the uncertainty out of scheduling irrigation for FIR, corn and soybeans: New technology for increased yields and profitability	Chris Henry, UA Division of Agriculture	Silver City 3-4
11:40 – 11:50		Industry Update	Chad Brewer, Phytogen	
12:00 – 1:30 PD1	13.1	<b>CCA Luncheon &amp; Business Meeting</b>		Silver City 6-7
12:00 – 1:30		<b>General Luncheon Buffet</b>		Riverfront Steakhouse

# 2020 Arkansas Crop Management Conference Program

## January 18-20, 2022

### Wednesday Afternoon, January 19, 2022

Time/Credits	Session	Title	Speaker	Room
		<b>Session Moderators:</b> <b>1 (SC 1-2): Leslie Rogers</b> <b>2 (SC 3-4): Dan Sterrenberg</b> <b>3 (SC 6-7): Nick Crouch</b>		
1:30 – 2:10 CM1	14.1	Starting, Managing, and Improving the Farm with Technology, Panel Discussion: Moderator Tyler Hydrick	Travis Senter, Senter Farms; Ryan Moore, M&M Consulting; Kevin Seidl, John Deere; Len B. Knall, Delta Farms; Tyler Hydrick, Consultant	Silver City 1-2
2:10 – 2:10		Industry Update	Chase Kagen, HorizonAg	
1:30 – 2:20 PM1	14.2	Water, Adjuvants, and Nozzles: Improving our Herbicide Applications	Tommy Butts, UA Division of Agriculture	Silver City 3-4
2:10 – 2:20		Industry Update	Brad Koen, BASF	
2:30 – 3:10 CM1	15.1	Back to The Basics: What Do We Know and Where Are We Headed	Jason Norsworthy, UA Division of Agriculture	Silver City 1-2
3:10 – 3:20		Industry Update	Chris McClain, Corteva	
2:30 – 3:10 PM1	15.2	Impact and Management of Corn Nematodes	Travis Faske, UA Division of Agriculture	Silver City 3-4
3:10 – 3:20		Industry Update	Milo Lewis, Nichino	
2:30 – 3:20 NM1	15.3	Cotton Soil Health : Emphasis on Potash	Matt Fryer, UA Division of Agriculture	Silver City 6-7
3:30 – 4:10 PM1	16.1	Pest Management Decisions on Late Planted Soybeans	Nick Bateman and Travis Faske, UA Div. of Ag.	Silver City 1-2
4:10 – 4:20		Industry Update	Tyrus Teague, AMVAC	
3:30 – 4:30 SW1	16.2	Irrigation Efficiency Using Drones, Moisture Sensors, and Other IWM Tools	Mike Hamilton, UA Division of Agriculture	Silver City 3-4
3:30 – 4:10 PM1	16.3	Rice Weed Control Update	Jason Norsworthy, UA Division of Agriculture	Silver City 6-7
4:10 – 4:20		Industry Update	Steven Martin, Drexel	
4:30 – 5:20 PM1	17.1	Profit Focused Management of Foliar Diseases	Terry Spurlock, UA Division of Agriculture	Silver City 1-2
		Industry Update		
4:30 – 5:20 NM1	17.2	Fertilizer Industry Update, As We See It.	Jake Niederer	Silver City 3-4
		Industry Update		
4:30 – 5:20 CM1	17.3	ACPA Research Conference Student Presentation Winners		Silver City 7
		Monitoring and Correcting Potassium Hidden Hunger in Arkansas Soybean.	Carrie Ortel, PhD Winner	
		Transgenic Bt Technologies in Cotton Systems for Control of Cotton Bollworm	Zach Murray, MS Winner	
		Coating Loyant on Urea: Approach to Reduce Herbicide Off-Target Movement.	Bodie Cotter, MS Winner	
5:15		<b>Social Hour and Silent Auction</b>		Silver City 5-6

## 2020 Arkansas Crop Management Conference Program January 18-20, 2022

**Thursday Morning, January 20, 2022**

<b>Time/Credits</b>	<b>Session</b>	<b>Title</b>	<b>Speaker</b>	<b>Room</b>
7:00 – 8:00		<b>ACPA Board Meeting</b>		Blue Dog Dining Room
8:00 – 12:00		<b>Registration and Preregistration Packet Pickup</b>		<b>Huntersville Room 1005</b>
		<b>Speaker Ready Room</b>		<b>Decantillon Room 1004</b>
		<b>Session Moderators: 1 (SC 1-2): Cliff Coker 2 (SC 3-4): Ross Wood</b>		
8:00 – 8:50 SW1	18.1	Cotton Seeding Rate Interactions with Soil Texture	Ray Benson, UA Division of Agriculture	Silver City 1-2
8:00 – 8:50 PM1	18.2	Insect Management in Grain Sorghum	Glenn Studebaker, UA Division of Agriculture	Silver City 3-4
9:00 – 9:50 CM1	19.1	Rice Update and Cultivar Selection	Jarrod Hardke, UA Division of Agriculture	Silver City 1-2
9:00 – 9:50 NM1	19.2	Foliar applied Nutrients in Soybeans	Jeremy Ross, UA Division of Agriculture	Silver City 3-4
10:00 – 10:50 CM1	20.1	General Cotton Variety Update, More Varieties than ever before: Emphasis on Bacterial Blight	Bill Robertson, UA Division of Agriculture	Silver City 1-2
10:00 – 10:50 SW1	20.2	What is the Soil Microbiome and How Does it Impact Crop Plant Growth	Kishan Mahmud, UA Division of Agriculture	Silver City 3-4
11:00 – 11:50 CM1	21.1	Management Practices for High Yielding Corn	Erick Larson and Jason Kelley, UA Division of Agriculture	Silver City 1-2
11:00 – 11:50 CM1	21.2	Soybean Variety Selection in Challenging Times	Jeremy Ross, UA Division of Agriculture	Silver City 3-4
12:00		<b>Adjourn</b>		
12:00 – 1:00		<b>Joint Committee meeting (ACPA, APFA, ACCA, AACA)</b>		Blue Dog Dining Room
12:00 – 5:00		<b>Arkansas Cotton State Support Committee</b>	Steve Stevens	Arkansas Traveler Room

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**2022 Arkansas Crop Management Conference Program Participants**

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Brian Adams	Manager, Volunteer Ag Services
Kris Baker	
Tom Barber	UA Division of Agriculture
Nick Bateman	UA Division of Agriculture
Sonny Bottoms	Horizon Ag
Chad Brewer	Phytogen
Kyle Briscoe	SEPRO
Thomas Butts	UA Division of Agriculture
Chet Chaney	Bayer Seed
Hank Chaney	Chaney Consultants
Sterling Clifton	Clifton Consultants
Cliff Coker	C H Crop Consulting
Kyle Colwell	Corteva
Matt Cordell	Nutrien Ag Solutions
Nick Crouch	Nutrien Ag Solutions
Keith Driggs	Syngenta
Mallory Everett	Valent
Travis Faske	UA Division of Agriculture
Sally Flis	Nutrien Senior Manager, Sustainability Field
Matt Fryer	UA Division of Agriculture
Jarrold Hardke	UA Division of Agriculture
Cade Hayden	BASF
Tyler Hydrick	Hydrick Consultants
Dr. William Johnson	Pioneer
Don Johnson	FMC
Dr. Jason Kelley	UA Division of Agriculture
Drew Kirkpatrick	University of Arkansas
Len B. Knall	Delta Farms
Jason Krutz	Director, MS Water Resources Research Institute
Milo Lewis	Nichino
David Long	Albaugh
Dr. Gus Lorenz	UA Division of Agriculture
Tyrus Teague	AMVAC
Jay Mahaffee	Scott Learning Center, Science Fellow Bayer



**2022 Arkansas Crop Management Conference Program Participants**

Kishan Mahmud	UA Division of Agriculture
Steven Martin	Drexel
Jason Mauck	Constant Canopy
Chris McClain	Corteva
Dr. Jay McHaffey	Bayer CropScience
Jason Meier	ADAMA
Anthony Mills	Bayer
Ryan Moore	M& M Consulting
Jake Niederer	Director Sales and Marketing, ADM
Dr. Jason Norsworthy	UA Division of Agriculture
Carrie Ortel	UA Division of Agriculture
Doug Osborne	University of Arkansas, Monticello: Wildlife Man.
Dan Poston	Director of Agronomy (Pivot Bio)
Tyson Raper	University of Tennessee Dept. of Plant Sciences
Dr. Trent Roberts	UA Division of Agriculture
Dr. Bill Robertson	UA Division of Agriculture
Leslie Rogers	AgriGold
Jeremy Ross	UA Division of Agriculture
Scott Rushing	UPI
Chase Samples	Americot Nex Gen
Sarah Huckabee Sanders	Candidate For Governor of Arkansas
Kevin Seidl	John Deere
Travis Senter	Senter Farms
Craig Shelton	Gavilon
Eric Snodgrass	Principal Atmospheric Scientist Nutrien Ag Solutions
Dr. Terry Spurlock	UA Division of Agriculture
Dan Sterrenberg	Syngenta
Glenn Studebaker	UA Division of Agriculture
Ryan Sullivan	Sullivan Family Ag
Ben Thrash	UA Division of Agriculture
John Verrell	
Mason Wallace	RiceTec
Ross Wood	Stratton Seed
David Young	Belchim

# **2022 Arkansas Crop Management Conference**

## **Program Committee**

Derek Clarkson	Program Chairman, Corteva
Dr. Nick Bateman	University of Arkansas Division of Agriculture
Dr. Bill Robertson	University of Arkansas Division of Agriculture
Matt Cordell	Nutrien
Dr. Jason Kelley	University of Arkansas Division of Agriculture
Craig Shelton	Gavilon
Otis Howe	Arkansas Crop Protection Association
Dr. Ben Thrash	University of Arkansas Division of Agriculture



# **“SAVE THE DATES”**

**January 17-19, 2023**

**The 2023 Arkansas Crop Management Conference**

**Wyndham Riverfront, North Little Rock, AR**

**November, 2022**

**Arkansas Crop Protection Association**

**Research Conference**

**Hilton Garden Inn, Fayetteville**