



# 2023

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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 System Division of Agriculture

**Location:**

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

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*Local Meeting Support Provided By:*



# 2023 Arkansas Crop Management Conference Program

## January 17-19, 2023

### WELCOME TO THE 2023 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** are required for admittance to all sessions.

**Breaks:** All breaks will be in the Razorback East and West rooms.

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

**CEU credits and signup:** To get credit for each session, sign attendance sheets in the back of each room immediately when the session concludes. 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.

#### ***Registration Details:***

**Monday:** Early registration is in Huntersville Room 1005 from 3 PM – 6 PM. Come early and avoid the crowd.

**Tuesday:** Registration and Pre-registration are in Huntersville Room 1005 both from 7 AM – 5 PM; Speaker ready room will be in Decantillon Room 1004. Breaks are in Razorback rooms.

**Wednesday:** Registration and pre-registration packet pickup is in Huntersville Room 1005 from 8AM – 5PM. Speaker ready room will be in Decantillon Room 1004. Breaks are in Razorback rooms.

**Thursday:** Registration and pre-registration packet pickup are in Huntersville Room 1005 from 8AM – Noon. Speaker ready room will be in Decantillon Room 1004. Breaks are in Razorback rooms.

**Special Note:** Contact Otis Howe (501-690-4297) if you need to register at times other than these.

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

**Tuesday Morning:** Opening Session and keynote speaker.

**Tuesday Noon:** Awards luncheon and keynote speaker: 12:10 PM, Silver City 5-7.

**Tuesday Afternoon, 5:00 PM:** ACPA Membership Meeting, Silver City 1-2.

**Tuesday Afternoon, 5:00 PM:** APFA Membership Meeting, Silver City 3-4.

**Tuesday Evening, 5:00 PM:** President's Reception, Silver City 5-6.

**Wednesday Morning, 6:15 AM:** ACMC Devotional, 6:15-7:00am, Arkansas Traveler Room.

**Wednesday Morning, 7:00 AM:** APFA board meeting, Blue Dog Dining Room.

**Wednesday Noon:** CCA Luncheon and keynote speaker, 12:00 PM, 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 speaker travel and scholarships.

**Thursday Morning, 7:00 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 meeting (invited guests only) Arkansas Traveler Room

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## January 17-19, 2023

**Tuesday Morning, January 17, 2023**

<b>Time/Credits</b>	<b>Session</b>	<b>Title</b>	<b>Speaker</b>	<b>Room</b>
<b>7:00 – 5:00</b>		<b>Registration and Pre-registration packet pickup. Speaker ready room.</b>		<b>Huntersville Room 1005. Decantillon Room 1004.</b>
9:00 – 10:00		General Session <b>Moderator:</b> Derek Clarkson, ACPA President		Silver City 5-7
9:00 – 10:00 PM1	1.0	“Dicamba is Done” The Evolution of Synthetic-Auxin Resistant Pigweed in Tennessee: Where Do We Go From Here	Larry Steckel, University of Tennessee	Silver City 5-7
		<b>Session Moderators: 1 (Silver City 1-2): Ben Thrash 2 (Silver City 3-4): Jeremy Ross</b>		
10:10 – 11:00 PM1	2.1	Herbicide Resistance in Italian Ryegrass and Management in the Southern US	Jason Bond, Mississippi State University; Charlie Cahoon, North Carolina State University; Tom Barber, UA Division of Agriculture	Silver City 1-2
10:10 – 11:00 NM1	2.2	Soybean Nitrogen and Sulfur Fertility Trial Results: Do Additional Nitrogen and Sulfur Increase Soybean Yields?	Jeremy Ross, UA Division of Agriculture	Silver City 3-4
11:10 – 11:55 PM1	3.1	Thryvon Round Table: What to Expect and New Management Strategies	Hank Jones, Louisiana Crop Consultant; Jay Mahaffey, Bayer; Ben Thrash, UA Division of Agriculture	Silver City 1-2
11:10 – 11:55 NM1	3.2	Reading and Interpreting Your Soil Test Report	Gerson Drescher, UA Division of Agriculture	Silver City 3-4
12:10 - 1:45 NM1	4.1	Awards Luncheon – Keynote Speaker: Fertilizer Market Trends	Corey Rosenbusch, President and CEO, The Fertilizer Institute	Silver City 5-7

## 2023 Arkansas Crop Management Conference Program January 17-19, 2023

### Tuesday Afternoon, January 17, 2023

Time/Credits	Session	Title	Speaker	Room
		<b>Session Moderators: 1 (SC 1-2): Mallory Scott 2 (SC 3-4): William Johnson</b>		
2:00 – 2:50 PM1	5.1	Herbicide Resistance in Italian Ryegrass and Management in the Southern US	Jason Bond, Mississippi State University; Charlie Cahoon, North Carolina State University; Tom Barber, UA Division of Agriculture	Silver City 1-2
2:00 – 2:50 CM1	5.2	Best Management Practices for High Yielding Corn	Jason Kelley, UA Division of Agriculture	Silver City 3-4
3:00 – 3:50 PM1	6.1	Rice Weed Control in 2023 and Beyond: Learnings from the Past Year	Jason Norsworthy, UA Division of Agriculture	Silver City 1-2
3:00 – 3:50 CM1	6.2	Ag Tech: What's New and What's the Benefit?	Andrew Newsum, Augmenta Agriculture; Jason Davis, UA Division of Agriculture; Tommy Butts, UA Division of Agriculture	Silver City 3-4
3:00 – 3:50 PM1	6.3	Hands on Weed, Disease, and Insect Training	Jason Norsworthy; Tom Barber; Tommy Butts; Travis Faske; Terry Spurlock; Glenn Studebaker; Ben Thrash; Nick Bateman, UA Division of Agriculture	Silver City 6-7
4:00 – 4:50 NM1	7.1	Nutrient Content and Removal in Residue and Harvested Grain	Trent Roberts, UA Division of Agriculture	Silver City 1-2
4:00 – 4:50 CM1	7.2	Delayed Phytotoxicity Syndrome in Rice	Jarrold Hardke, UA Division of Agriculture	Silver City 3-4
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

## 2023 Arkansas Crop Management Conference Program January 17-19, 2023

### Wednesday Morning, January 18, 2023

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; Pre-registration pickup. Speaker Ready Room</b>		Huntersville Rm 1005, Decantillon Rm 1004
		<b>Session Moderators: 1 (SC 1-2): Tommy Butts 2 (SC 3-4): Sterling Clifton</b>		
8:00 – 8:50 PM1	9.1	Let's Go Nuts: Peanut Disease and Weed Management	Travis Faske and Tom Barber, UA Division of Agriculture	Silver City 1-2
8:00 – 8:50 NM1	9.2	Effectively Using In-Season Tissue Test to Diagnose Crop Nutrient Statue	Trent Roberts, UA Division of Agriculture	Silver City 3-4
9:00 – 9:50 CM1	10.1	Cotton Variety Performance Overview	Tyson Raper, University of Tennessee; Joe McAlee, and Bill Robertson, UA Division of Agriculture	Silver City 1-2
9:00 – 9:50 SW1	10.2	Irrigation Water Management	Mike Hamilton, UA Division of Agriculture	Silver City 3-4
10:00 – 10:50 PM1	11.1	Rice Weed Control in 2023 and Beyond: Learnings from the Past Year	Jason Norsworthy, UA Division of Agriculture	Silver City 1-2
10:00 – 10:50 CM1	11.2	Drones in Agriculture: Sensing, Spraying, and Regulations	Jeff Dickens, Dickens Ag/Rentizo, Jason Davis, and Terry Spurlock, UA Division of Agriculture	Silver City 3-4
11:00 – 11:50 CM1	12.1	Ag Tech: What's New and What's the Benefit?	Andrew Newsum, Augmenta Agriculture; Jason Davis and, Tommy Butts, UA Division of Agriculture	Silver City 1-2
11:00 – 11:50 PM1	12.2	Changes in Rice Insect Management	Nick Bateman, UA Division of Agriculture	Silver City 3-4
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 Italian Buffet</b>		Riverfront Steakhouse

## 2023 Arkansas Crop Management Conference Program January 17-19, 2023

### Wednesday Afternoon, January 18, 2023

Time/Credits	Session	Title	Speaker	Room
		<b>Session Moderators: 1 (SC 1-2): Darrin Malone 2 (SC 3-4): Larry Jayroe</b>		
1:30 – 2:20 CM1	14.1	High Impact Weather – Outlook for 2023	Eric Snodgrass, Nutrien Ag Solutions	Silver City 1-2
1:30 – 2:20 SW1	14.2	Lessons Learned from Irrigating Corn in Cover Crop, Tillage and No-Till Production Systems	Chris Henry, UA Division of Agriculture	Silver City 3-4
2:30 – 3:20 CM1	15.1	Cotton Variety Performance Overview	Tyson Raper, University of Tennessee; Joe McAlee, and Bill Robertson, UA Division of Agriculture	Silver City 1-2
2:30 – 3:20 PM1	15.2	Soybean Insect Management: Where Can We Save Money	Nick Bateman, UA Division of Agriculture	Silver City 3-4
3:30 – 4:20 PM1	16.1	<b>ACPA Research Conference Student Winner Presentations</b> PhD winner: Mason Castner MS winner: Noah Reed MS winner: Ty Smith		Silver City 1-2
3:30 – 4:20 CM1	16.2	Rice Update and Cultivar Selection	Jarrod Hardke, UA Division of Agriculture	Silver City 3-4
3:30 – 4:20 PM1	16.3	Hands On Weed, Disease, and Insect Training	Jason Norsworthy, Tom Barber, Tommy Butts, Travis Faske, Terry Spurlock, Glenn Studebaker, Ben Thrash, and Nick Bateman, UA Division of Agriculture	Silver City 6-7
4:30 – 5:20 PM1	17.1	Weed Management in 2023: Effective Programs, New Tactics, and Potential EPA Regulation	Tom Barber, UA Division of Agriculture	Silver City 1-2
4:30 – 5:20 CM1	17.2	Drones in agriculture: Sensing, Spraying, and Regulations	Jeff Dickens, Dickens Ag/Rentizo, Jason Davis, and Terry Spurlock, UA Division of Agriculture	Silver City 3-4
5:15		<b>Social Hour and Silent Auction</b>		Silver City 5-6

## 2023 Arkansas Crop Management Conference Program January 17-19, 2023

### Thursday Morning, January 19, 2023

<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 Pre-registration packet pickup Speaker ready room.</b>		<b>Huntersville Room 1005. Decantillon Room 1004.</b>
		<b>Session Moderators: 1 (SC 1-2): Nick Bateman 2 (SC 3-4): Terry Spurlock</b>		
8:00 – 8:50 PM1	18.1	Control of Insect Pests in Cotton and Performance of Current <i>Bt</i> Technologies	Ben Thrash, UA Division of Agriculture	Silver City 1-2
8:00 – 8:50 SW1	18.2	FIR Fertigation and New Water Management Technology	Chris Henry, UA Division of Agriculture	Silver City 3-4
9:00 – 9:50 PM1	19.1	Corn, Wheat, and Grain Sorghum Insect Management	Glenn Studebaker, UA Division of Agriculture	Silver City 1-2
9:00 – 9:50 PM1	19.2	Varieties, Fungicides, and Application Timings for Foliar Disease Management in Wheat	Terry Spurlock, UA Division of Agriculture	Silver City 3-4
10:00 – 10:50 PM1	20.1	Weed Management in 2023: Effective Programs, New Tactics, and Potential EPA Regulation	Tom Barber, UA Division of Agriculture	Silver City 1-2
10:00 – 10:50 NM1	20.2	Soybean Nitrogen and Sulfur Fertility Trial Results: Do Additional Nitrogen and Sulfur Increase Soybean Yields?	Jeremy Ross, UA Division of Agriculture	Silver City 3-4
11:00 – 11:50 PM1	21.1	Availability and Expectation of Root-Knot Nematode-Resistant Soybean Varieties	Travis Faske, UA Division of Agriculture	Silver City 1-2
11:00 – 11:50 CM1	21.2	Best Management Practices for High Yielding Corn	Jason Kelley, 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

# 2023 Arkansas Crop Management Conference

## Program Instructors

Dr. Tom Barber	UA Division of Agriculture
Dr. Nick Bateman	UA Division of Agriculture
Dr. Jason Bond	Mississippi State Univeristy
Dr. Tommy Butts	UA Division of Agriculture
Dr. Charlie Cahoon	North Carolina State University
Mason Castner	UA Division of Agriculture
Jason Davis	UA Division of Agriculture
Jeff Dickens	Dickens Ag/Rentizo
Dr. Gerson Drescher	UA Division of Agriculture
Dr. Travis Faske	UA Division of Agriculture
Mike Hamilton	UA Division of Agriculture
Dr. Jarrod Hardke	UA Division of Agriculture
Dr. Chris Henry	UA Division of Agriculture
Hank Jones	Louisiana Crop Consultant
Dr. Jason Kelley	UA Division of Agriculture
Jay Mahaffey	Bayer CropScience
Joe McAlee	UA Division of Agriculture
Andrew Newsum	Agumenta Agriculture
Dr. Jason Norsworthy	UA Division of Agriculture
Dr. Tyson Raper	University of Tennessee
Noah Reed	UA Division of Agriculture
Dr. Trent Roberts	UA Division of Agriculture
Dr. Bill Robertson	UA Division of Agriculture
Corey Rosenbusch	The Fertilizer Institute
Dr. Jeremy Ross	UA Division of Agriculture
Ty Smith	UA Division of Agriculture
Eric Snodgrass	Nutrien Ag Solutions
Dr. Terry Spurlock	UA Division of Agriculture
Dr. Larry Steckel	University of Tennessee
Dr. Glenn Studebaker	UA Division of Agriculture
Dr. Ben Thrash	UA Division of Agriculture
Jason Troendle	The Fertilizer Institute



## 2023 Arkansas Crop Management Conference Program Committee

Dr. Tom Barber	UA, Division of Agriculture
Stephen Bariola	Stratton Seed
Dr. Nick Bateman	UA, Division of Agriculture
Dr. Tommy Butts	UA, Division of Agriculture
Eddy Cates	Arkansas Consultants Association
Derek Clarkson	Corteva AgriScience
Sterling Clifton	Arkansas Certified Crop Advisors Arkansas Consultants Association
Matt Cordell	Nutrien Ag Solutions
Keith Driggs	Syngenta Crop Protection
Dr. Travis Faske	UA, Division of Agriculture
Dr. Jarrod Hardke	UA, Division of Agriculture
Otis Howe	Arkansas Crop Protection Association
Larry Jayroe	ADM
Susie Nichols	Arkansas State Plant Board
Brandi Reynolds	Arkansas State Plant Board
Dr. Trent Roberts	UA, Division of Agriculture
Dr. Jeremy Ross	UA, Division of Agriculture
Mallory Scott	Valent USA
Craig Shelton	Gavillon
Keith Shelton	Arkansas Consultants Association
Dr. Terry Spurlock	UA, Division of Agriculture
Dr. Ben Thrash	UA, Division of Agriculture
Zach Williams	Arkansas Consultants Association
Ross Woods	Stratton Seed

# “SAVE THE DATES”

January 16-18, 2024

The 2024 Arkansas Crop Management Conference

November 28-29, 2023

ACPA Research Conference – Fayetteville

To Be Announced for 2023

Rice College