

The Arkansas  
Crop  
Management  
Conference

2019

Presented by: Arkansas Crop Protection Association, Arkansas Plant Food Association, Arkansas Agricultural Consultants Association, Arkansas Certified Crop Advisors and the University of Arkansas Division of Agriculture

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

*Local Meeting Support Provided By:*



## WELCOME TO THE 2019 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 is in Huntersville Room 1005; pre-registration packet pickup is in Decantillon Room 1004 – both from 7 AM – 5 PM. Breaks are in Razorback rooms.

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

**Thursday:** Registration and pre-registration packet pickup are in Huntersville Room 1005 from 8AM – Noon. Breaks are in Razorback rooms.

**Special Note:** Contact Don Johnson (501-454-9963) if you need to register at times other than these.

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

**Tuesday Morning:** Opening Session.

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

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

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

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

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

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

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

**Wednesday Noon:** CCA Luncheon, 12:00 PM, Silver City 6-7.

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

**Wednesday 4:30 PM:** Delta Classic Meeting (invited guests only), Arkansas Traveler Room.

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

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

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

## 2019 Arkansas Crop Management Conference Program January 22-24, 2019

### Tuesday Morning, January 22, 2019

Time/Credits	Session	Title	Speaker	Room
7:00 – 5:00		Registration  Pre-registration packet pickup		Huntersville Room 1005. Decantillon Room 1004.
8:00 – 10:00	1.0	General Session Moderator: Chris Grimes, ACPA President		Silver City 5-7
8:10 – 9:00 PM1		State of IPM in Arkansas	Gus Lorenz, Terry Spurlock, & Tom Barber, UA Division of Agriculture	Silver City 5-7
9:00 – 10:00 CM1		Inputs and Economics of Farmer Decisions	Dean Bell, Farm Manager - Southern Agronomic Resources, LLC	Silver City 5-7
		<b>Session Moderators:</b> <b>1 (Silver City 1-2): Grant Beckwith</b> <b>2 (Silver City 3-4): Keith Perkins</b>		
10:10 – 11:00 CM1	2.1	Tools for Weed Science; If You Can See It From a Drone, You Can Measure It	Larry Purcell & Trent Roberts, UA Division of Agriculture	Silver City 1-2
10:10 – 11:00 PM1	2.2	Off-Target Movement of Group 4 Herbicides: Understanding the Causes and Developing Solutions	Jason Norsworthy, UA Division of Agriculture	Silver City 3-4
11:10 – 11:55 SW1	3.1	Using Soil Moisture Sensors	Mike Hamilton, UA Division of Agriculture	Silver City 1-2
11:10 – 11:55 PM1	3.2	Importance of Varietal Resistance to Soybean Diseases & Nematodes	Terry Spurlock & Travis Faske, UA Division of Agriculture	Silver City 3-4
12:10 - 1:45 PM1	4.1	<b>Awards Luncheon – Keynote Speaker:</b> <b>Topic: “An Update From the Arkansas State Plant Board”</b>	Butch Calhoun, Director, Arkansas State Plant Board	Silver City 5-7

# 2019 Arkansas Crop Management Conference Program

## January 22-24, 2019

### Tuesday Afternoon, January 22, 2019

Time/Credits	Session	Title	Speaker	Room
		<b>Session Moderators:</b> <b>1 (Silver City 1-2): Amy Carroll</b> <b>2 (Silver City 3-4): Jenny Ross</b> <b>3 (Silver City 6-7): Allison Howell</b>		
2:00 – 2:50 CM1	5.1	Keeping Cool Under Drought; Identifying Soybean Drought Tolerance Using a Drone	Larry Purcell, UA Division of Agriculture	Silver City 1-2
2:00 – 2:50 SW1	5.2	Soil Classification: How Can We Use the Information in Production Ag	William Johnson, BASF	Silver City 3-4
3:00 – 3:50 SW1	6.1	Using Soil Moisture Sensors	Mike Hamilton, UA Division of Agriculture	Silver City 1-2
3:00 – 3:50 PM1	6.2	Off-Target Movement of Group 4 Herbicides: Understanding the Causes and Developing Solutions	Jason Norsworthy, UA Division of Agriculture	Silver City 3-4
3:00 – 3:50 PM1	6.3	<b>Industry Update 1</b>		Silver City 6-7
		BASF	John Schultz	
		BASF	William Johnson	
		AMVAC	Scott Ludwig	
		Valent	Mallory Everett	
		Gavilon	Craig Shelton	
		RiceTec	Mason Wallace	
4:00 – 4:50 NM1	7.1	Basic Soil Fertility - CEC	Chuck Wilson, UA Division of Agriculture	Silver City 1-2
4:00 – 4:50 CM1	7.2	Conventional Corn Management	Jason Kelley, UA Division of Agriculture	Silver City 3-4
4:00 – 4:50 PM1	7.3	<b>Industry Update 2</b>		Silver City 6-7
		UPI Rice Co	Scott Rushing	
		UPI	Clyde Smith	
		Belchim	Dennis Long	
		Drexel	Kirk Barnes	
		FMC	Lester Scott	
		Americot Nex Gen	Chase Samples	
12:00-5:00		<b>Arkansas Cotton State Support Committee</b>	Steve Stevens	Arkansas Traveler Room
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

# 2019 Arkansas Crop Management Conference Program

## January 22-24, 2019

### Wednesday Morning, January 23, 2019

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 Pre-registration packet pickup</b>		Huntersville Rm 1005, Decantillon Rm 1004
		<b>Session Moderators: 1 (Silver City 1-2): Brett Gordon 2 (Silver City 3-4): Matthew Davis 3 (Silver City 6-7): Craig Allen</b>		
8:00 – 8:50 PM1	9.1	Managing Whorl Feeders & Corn Insect Control	Glenn Stuebaker, UA Division of Agriculture	Silver City 1-2
8:00 – 8:50 PM1	9.2	Rice Weed Control	Jason Norsworthy, UA Division of Agriculture	Silver City 3-4
8:00 – 8:50 PM1	9.3	Making the Transition to 3-Gene Cotton & General Insect Control	Gus Lorenz, UA Division of Agriculture	Silver City 6-7
9:00 – 9:50 PM1	10.1	Nematodes & Seed Treatments in Cotton	Terry Kirkpatrick, UA Division of Agriculture	Silver City 1-2
9:00 – 9:50 NM1	10.2	Rice Fertility Management	Trent Roberts, UA Division of Agriculture	Silver City 3-4
9:00 – 9:55 PM1	10.3	<b>Industry Update 3</b>		Silver City 6-7
		Bayer	Clay Starkey	
		Bayer Seed	Chet Chaney	
		Bayer	Darryl Loggains	
		Raymat Crop Science	James Oliver	
		Albaugh LLC	David Long	
		SePRO	Kyle Briscoe	
10:00 – 10:50 SW1	11.1	Soil Health & Cotton Fertility	Bill Robertson, UA; Steven Green, ASU	Silver City 1-2
10:00 – 10:50 PM1	11.2	Importance of Varietal Resistance to Soybean Diseases & Nematodes	Terry Spurlock & Travis Faske, UA Division of Agriculture	Silver City 3-4
11:00 – 11:50 PM1	12.1	Soybean Weed Control	Thomas Butts, UA Division of Agriculture	Silver City 1-2
11:00 – 12:00 PM1	12.2	<b>Industry Update 4</b>		Silver City 3-4
		Corteva	Darrin Malone	
		PhytoGen	Chad Brewer	
		Pioneer	Chuck Ligon	
		Syngenta	Keith Driggs	
		Indigo Ag	Brad Godwin	
		Horizon Ag	Sunny Bottoms	
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

# 2019 Arkansas Crop Management Conference Program

## January 22-24, 2019

### Wednesday Afternoon, January 23, 2019

Time/Credits	Session	Title	Speaker	Room
		<b>Session Moderators:</b> <b>1 (Silver City 1-2): Ray Benson</b> <b>2 (Silver City 3-4): Russ Parker</b> <b>3 (Silver City 6-7): Mike Andrews</b>		
1:30 – 2:20 PM1	14.1	Understanding Resistance to Chloroacetamides Before It Occurs	Nilda Burgos, Jeremie Kouame, Matt Bertucci, Cammy Willett, UA Division of Agriculture	Silver City 1-2
1:30 – 2:20 SW1	14.2	Getting Started in Cover Crops	Trent Roberts, UA Division of Agriculture	Silver City 3-4
2:30 – 3:20 PM1	15.1	The Role of Corn & Soybean in a Cotton Ecosystem	Glenn Studebaker, UA Division of Agriculture	Silver City 1-2
2:30 – 3:20 PM1	15.2	Combination of Insecticide Seed Treatments & Rice Insect Control	Nick Bateman, UA Division of Agriculture	Silver City 3-4
2:30 – 3:20 PM1	15.3	Making the Transition to 3-Gene Cotton & General Insect Control	Gus Lorenz, UA Division of Agriculture	Silver City 6-7
3:30 – 4:20 CM1	16.1	Research Panel on Row Rice	Jarrod Hardke, Trent Roberts, & Tom Barber, UA Division of Agriculture	Silver City 1-2
3:30 – 4:20 SW1	16.2	Grower Perspective Getting Into Cover Crops	Steve Stevens, Producer; John Stobaugh, Consultant	Silver City 3-4
3:30 – 4:30 PM1	16.3	<b>Industry Updates 5</b>		Silver City 6-7
		Nichino	Terry Gairhan	
		Gowan	Craig Sandowski	
		Syngenta NK Seeds	Jared Fannon	
		Nutrien Ag Solutions	Matt Cordell	
		Dyna-Gro	Frank Groves	
4:30 – 5:20 PM1	17.1	Corn & Cotton Weed Control	Tom Barber, UA Division of Agriculture	Silver City 1-2
4:30 – 5:20 PM1	17.2	<b>ACPA Research Conference Student Winner Presentations</b> PhD winner: Zach Lancaster - Can See and Spray Technology Reduce Off-Target Movement of Dicamba? MS winner: Mason Castner - Dicamba Tank Contamination with Glufosinate and PPO-Inhibiting Herbicides MS winner: Tracy Hawk - Assessment of Cotton and Soybean Root Protection by Fluopyram-Treated Seed Against <i>Meloidogyne incognita</i>		Silver City 3-4
4:30 – 5:20 NM1	17.3	Multi-Year Use of MESZ & Aspire Influence on Soil Test and Crop Yield	Nathan Slaton, UA Division of Agriculture	Silver City 6-7
4:30 – 9:00		<b>Delta Classic Committee meeting</b>	Glenn Kernodle and Holly Yeatman	Arkansas Traveler Room
5:15		<b>Social Hour and Silent Auction</b>		Silver City 5-6

## 2019 Arkansas Crop Management Conference Program January 22-24, 2019

### Thursday Morning, January 24, 2019

Time/Credits	Session	Title	Speaker	Room
7:00 – 8:00		<b>ACPA Board Meeting</b>		Blue Dog Dining Room
8:00 – 5:00		<b>Registration, Pre-registration packet pickup</b>		<b>Huntersville Room 1005</b>
		<b>Session Moderators: 1 (Silver City 1-2): Kevin Lawson 2 (Silver City 3-4): Kevin Van Pelt 3 (Silver City 6-7): Robert Goodson</b>		
8:00 – 8:50 SW1	18.1	NRCS Programs Involving Cover Crops & Irrigation	Keith Scroggins, NRCS	Silver City 1-2
8:00 – 8:50 PM1	18.2	New Fungicides & Fungicide Treatments for Rice	Yeshi Wamishe, UA Division of Agriculture	Silver City 3-4
8:00 – 8:50 SW1	18.3	Cotton & Corn P & K Management	Chuck Wilson, UA Division of Agriculture	Silver City 6-7
9:00 – 9:50 CM1	19.1	How to Make Replant Decisions in Soybean	Jeremy Ross, UA Division of Agriculture	Silver City 1-2
9:00 – 9:50 PM1	19.2	Corn Diseases & Nematodes	Travis Faske, UA Division of Agriculture	Silver City 3-4
10:00 – 10:50 CM1	20.1	Rice Update and Variety Selection	Jarrold Hardke, UA Division of Agriculture	Silver City 1-2
10:00 – 10:50 CM1	20.2	Cotton Variety Update	Bill Robertson & Fred Bourland, UA Division of Agriculture	Silver City 3-4
11:00 – 11:50 PM1	21.1	Soybean Insect Control & CEW Dynamic Threshold	Ben Thrash, UA Division of Agriculture	Silver City 1-2
11:00 – 11:50 SW1	21.2	Discovery Farms	Mike Daniels, 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

## 2019 Arkansas Crop Management Conference Program Instructors

Dr. Tom Barber	UA Division of Agriculture
Kirk Barnes	Drexel
Dr. Nick Bateman	UA Division of Agriculture
Dean Bell	Southern Agronomic Resources LLC
Matt Bertucci	UA Division of Agriculture
Dr. Sunny Bottoms	Horizon Ag
Dr. Fred Bourland	UA Division of Agriculture
Dr. Chad Brewer	Phytogen
Kyle Briscoe	SEPRO
Dr. Nilda Burgos	UA Division of Agriculture
Dr. Thomas Butts	UA Division of Agriculture
Butch Calhoun	Arkansas State Plant Board
Mason Castner	UA Division of Agriculture
Chet Chaney	Bayer Seed
Matt Cordell	Nutrien Ag Solutions
Dr. Mike Daniels	UA Division of Agriculture
Keith Driggs	Syngenta
Mallory Everett	Valent
Jared Fannon	Syngenta NK Seeds
Dr. Travis Faske	UA Division of Agriculture
Terry Gairhan	Nichino
Brad Godwin	Indigo Ag
Chris Grimes	UA Division of Agriculture
Frank Groves	Dyna Gro
Mike Hamilton	UA Division of Agriculture
Dr. Jarrod Hardke	UA Division of Agriculture
Tracy Hawk	UA Division of Agriculture
Dr. William Johnson	BASF
Dr. Jason Kelley	UA Division of Agriculture
Dr. Terry Kirkpatrick	UA Division of Agriculture
Jeremie Kouame	UA Division of Agriculture
Zach Lancaster	UA Division of Agriculture



# 2019 Arkansas Crop Management Conference

## Program Instructors

Chuck Ligon	Pioneer
Darryl Loggains	Bayer
David Long	Albaugh
Dennis Long	Belchim
Dr. Gus Lorenz	UA Division of Agriculture
Scott Ludwig	AMVAC
Darrin Malone	Corteva
Dr. Jason Norsworthy	UA Division of Agriculture
James Oliver	Raymat Crop Science
Dr. Larry Purcell	UA Division of Agriculture
Dr. Trent Roberts	UA Division of Agriculture
Dr. Bill Robertson	UA Division of Agriculture
Dr. Jeremy Ross	UA Division of Agriculture
Scott Rushing	UPI RiceCo
Chase Samples	Americot Nex Gen
Dr. Craig Sandowski	Gowan
John Schultz	BASF
Lester Scott	FMC
Keith Scroggins	NRCS
Craig Shelton	Gavilon
Dr. Nathan Slaton	UA Division of Agriculture
Clyde Smith	UPI
Dr. Terry Spurlock	UA Division of Agriculture
Clay Starkey	Bayer
Steve Stevens	C. B. Stevens Farms, Inc.
John Stobaugh	Stobaugh Consulting
Dr. Glenn Studebaker	UA Division of Agriculture
Dr. Ben Thrash	UA Division of Agriculture
Mason Wallace	RiceTec
Dr. Yeshi Wamishe	UA Division of Agriculture
Dr. Cammy Willett	UA Division of Agriculture
Dr. C. E. Wilson, Jr.	UA Division of Agriculture

## 2019 Arkansas Crop Management Conference Program Committee

Brad Koen	Program Chairman, BASF
Dr. Tom Barber	University of Arkansas Division of Agriculture
Dr. Nick Bateman	University of Arkansas Division of Agriculture
Sterling Clifton	Arkansas Certified Crop Advisors, Arkansas CCA & Consultants Association
Don Compton	Arkansas Plant Food Association
Mallory Everett	Valent
Jared Fannon	Syngenta
Carlton Fisher	CPS
Leigh Gibson	Arkansas State Plant Board
Chris Grimes	University of Arkansas Division of Agriculture
Dr. Jarrod Hardke	University of Arkansas Division of Agriculture
Larry Jayroe	Arkansas Plant Food Association
Dr. Don Johnson	Arkansas Crop Protection Association
Dr. Jason Kelley	University of Arkansas Division of Agriculture
Chuck Ligon	Pioneer
Dr. Gus Lorenz	University of Arkansas Division of Agriculture
Susie Nichols	Arkansas State Plant Board
Lance Ramthun	Crop Solutions LLC, Consultants Association
Dr. Bill Robertson	University of Arkansas Division of Agriculture
Dr. Jeremy Ross	University of Arkansas Division of Agriculture
John Schultz	BASF
Dr. Bob Scott	University of Arkansas Division of Agriculture
Mike Simmons	Arkansas Certified Crop Advisors, Arkansas Consultants Association
Dr. Nathan Slaton	University of Arkansas Division of Agriculture
John R Snyder	BASF
Dr. Terry Spurlock	University of Arkansas Division of Agriculture



# “SAVE THE DATES”

January 21-23, 2020

The 2020 Arkansas Crop Management Conference

November 19-20, 2019

ACPA Research Conference – Fayetteville

To Be Announced for 2019

Rice College