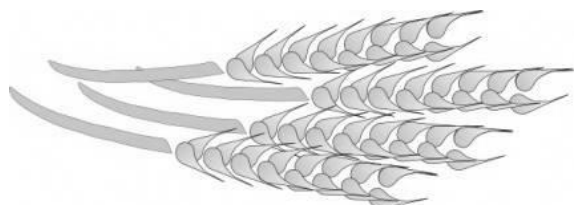


The Arkansas  
Crop  
Management  
Conference

2017

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



# 2017 Arkansas Crop Management Conference Program

## January 17-19, 2017

### WELCOME TO THE CONFERENCE

We welcome you to the 2017 Crop Management Conference. The goal of this year's program 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.

#### ***Program Highlights:***

**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 and 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:***

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

**Tuesday:** Registration, Huntersville Room 1005; pre-registration packet pickup, Decantillon Room; 7 AM – 5 PM; breaks in Razorback rooms.

**Wednesday:** Registration and pre-registration packet pickup, Huntersville Room 1005; pre-registration packet pickup, Decantillon Room 1004; 8AM – 5PM; breaks in Razorback rooms.

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

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

#### ***Events:***

**Tuesday Morning:** Opening Session.

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

**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; entertainment by Mallory Everett, Valent.

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

**Wednesday Morning, 7 AM:** Breakfast with Friends of University of Arkansas Monticello Agriculture School and SEREC, Silver City 5.

**Wednesday Noon:** CCA luncheon, 12:00 PM, Silver City 5.

**Wednesday Noon:** General lunch, Silver City 6-7.

**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.

# 2017 Arkansas Crop Management Conference Program

## January 17-19, 2017

### Tuesday Morning, January 17, 2017

Time/Credits	Session		Speaker	Room
7:00 – 5:00		<b>Registration, Huntersville Room 1005. Pre-registration packet pickup, Decantillon Room 1004.</b>		
8:00 – 10:00	1.0	General Session	Moderator: Kyle Colwell, ACMC Program Chair, Dow	Silver City 5-7
8:10 – 9:00 CM1		Agriculture “State of the Union Update on Changing Washington Issues”	Andrew Grobmyer, Ag Council of Arkansas and Bobby Skeen, Louisiana Cotton & Grain Association	
9:10 – 10:00 PM1		Using Herbicide Symptomology with Computer Based Knowledge	Dr. Bob Scott and Dr. Cal Shumway UA and ASU	
10:10 – 11:00 CM1	2.1	Drones in Agriculture	Brad Fausett, Owner and CEO of Arkansas UAV	Silver City 1-2
10:10 – 11:00 PM1	2.2	Evaluation of Three PPO Resistant Pigweed Populations in Arkansas	Dr. Bob Scott University of Arkansas	Silver City 3-4
11:10 – 11:55 CM1	3.1	Panel Discussion: Using Big Data on the Farm in Arkansas	Participants, Growers and Crop Consultants: Frank Fogleman, Ryan Moore, Chuck Farr, Clay Fletcher	Silver City 1-2
11:10 – 11:55 CM1	3.2	Peanut Production Practices and Disease Management Strategies for the Mid-South	Dr. Jason Sarver, Mississippi State University; Dr. Travis Faske, University of Arkansas	Silver City 3-4
12:10 - 1:45 CM1 Awards Luncheon	4.1	<b>Awards Luncheon, Keynote Speaker "The Future of Integrated Pest Management in Row Crop Agriculture"</b>	<b>Dr. R.D. Cartwright, UA Division of Agriculture, Cooperative Extension Service</b>	Silver City 5-7



# 2017 Arkansas Crop Management Conference Program

## January 17-19, 2017

### Tuesday Afternoon, January 17, 2017

Time/Credits	Session		Speaker	Room
		<b>Session Moderators:</b> 1 (Silver City 1-2) : Craig Allen 2 (Silver City 3-4): Russ Parker 3 (Silver City 6-7): Keith Perkins		
2:00 – 2:45 PM1	5.1	Impact of Neonicotinoid Insecticides on Pollinators in the Mid-South	Dr. Gus Lorenz, University of Arkansas	Silver City 1-2
2:00 – 2:45 NM1	5.2	Timing of Sulfur Fertility on Corn & Wheat	Dr. Trent Roberts, University of Arkansas	Silver City 3-4
3:00 – 3:45 PM1	6.1	Evaluation of Three PPO Resistant Pigweed Populations in Arkansas	Dr. Bob Scott, University of Arkansas	Silver City 1-2
3:00 – 3:45 PM1	6.2	Gene Editing of Crops and Other New Biotechnology	Dr. Burt Bluhm and Dr. Rick Cartwright, University of Arkansas	Silver City 3-4
3:00 – 3:45 PM1	6.3	<b>Industry Update</b>		Silver City 6-7
		RiceCo	Scott Rushing	
		Dyna-Grow	Stacy Bruff	
		AMVAC	Dr. Ned French	
		Monsanto Seed	Chet Chaney	
		Monsanto Chemical	Daryl Loggains	
		RiceTec	Mason Wallace	
		ADAMA	Adam Amick	
		Albaugh, LLC	Dr. David Long	
4:00 – 5:00 CM1	7.1	Using Big Data on the Farm by Arkansas Growers and Consultants	Participants, Growers and Crop Consultants: Frank Fogleman, Ryan Moore, Chuck Farr, Clay Fletcher	Silver City 1-2
4:00 – 5:00 CM1	7.2	Climate Outlook for Southern Row Crop Production	Pam Knox, Agricultural Climatologist, University of Georgia	Silver City 3-4
4:00 – 5:00 PM1	7.3	<b>ACPA Industry Update</b>		Silver City 6-7
		Valent	Mallory Everett	
		Loveland Products	Matt Cordell	
		Dow	Dr. Drew Ellis	
		Mycogen	Dr. Chad Brewer	
		Phytogen	Dr. Chad Brewer	
		BASF	John Schultz	
		AgBiTech	Dennis Long	
		Anuvia	Norm Davy	
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> <b>Musical Entertainment: Mallory Everett</b>	<b>Valent</b>	Silver City 5-6

# 2017 Arkansas Crop Management Conference Program

## January 17-19, 2017

### Wednesday Morning, January 18, 2017

Time/Credits	Session		Speaker	Room
7:00 – 8:00		<b>APFA Board Meeting</b>		Blue Dog Dining Room
7:00 – 8:00		<b>Breakfast with Friends of University of Arkansas Monticello Agriculture School and SEREC</b>	Dr. Kelly Bryant	Silver City 5
8:00 – 5:00		<b>Registration, Huntersville Room 1005. Pre-registration packet pickup, Decantillon Room 1004.</b>		
		<b>Session Moderators:</b> <b>1 (Silver City 1-2): Brett Gordon</b> <b>2 (Silver City 3-4): Justin Chlapecka</b> <b>3 (Silver City 6-7): Chuck Capps</b>		
8:00 – 8:45 NM 1	9.1	Basic Soil Fertility: Sampling, Analysis, Crop Removal	Dr. Nathan Slaton, University of Arkansas	Silver City 1-2
8:00 – 8:45 PM1	9.2	Target Spot in Cotton	Dr. Bill Robertson and Dr. Craig Rothrock, University of Arkansas	Silver City 3-4
8:00 – 8:45 PM1	9.3	Management of Emerging and Established Soybean Pests: Corn Earworm, Redbanded Stink Bugs, and Kudzu Bugs	Dr. Nick Seiter, University of Arkansas	Silver City 6-7
9:00 – 9:45 NM1	10.1	Soybean Inoculants	Dr. Trent Roberts, University of Arkansas	Silver City 1-2
9:00 – 9:45 PM1	10.2	Overview of Corn Ear Rots and Stalk Rots in the Mid-South	Dr. Travis Faske, University of Arkansas	Silver City 3-4
9:00 – 9:55 PM1	10.3	<b>Industry Update</b>		Silver City 6-7
		DuPont	Dickie Edmund	
		Pioneer	Otis Howe or Cliff Coker	
		Cache River Valley Seeds	Ted Holt	
		Americot	Chris Booker	
		FMC	Don Johnson	
		Drexel Chemical Company	Michael Brewington	
		Armor Seed	Curtis Fox	
		Gavilon	Craig Shelton	
10:00 – 10:45 CM1	11.1	Maximum Soybeans	Dr. Ross Bender The Mosaic Company	Silver City 1-2
10:00 – 10:45 PM1	11.2	Rice Disease Management and Autumn Decline	Dr. Yeshi Wamishe University of Arkansas	Silver City 3-4
11:00 – 12:00 PM1	12.1	Current Regulations on New Auxin Technologies.	Susie Nichols, Arkansas State Plant Board; Ples Spradley, University of Arkansas	Silver City 1-2
11:00 – 12:00 CM1	12.2	Cotton Production Practices to Improve Profitability	Dr. Bill Robertson University of Arkansas	Silver City 3-4
12:00 – 1:30 PD1	13.1	<b>CCA Luncheon &amp; Business Meeting</b>	PD 1	Silver City 5
		<b>General Luncheon</b>		Silver City 6-7

## 2017 Arkansas Crop Management Conference Program January 17-19, 2017

### Wednesday Afternoon, January 18, 2017

Time/Credits	Session		Speaker	Room
		<b>Session Moderators:</b> <b>1 (Silver City 1-2): Richard Klerk</b> <b>2 (Silver City 3-4): Robert Goodson</b> <b>3 (Silver City 6-7): Stewart Runsick</b>		
1:30 – 2:15 PM1	14.1	Cotton Weed Control Another Vital Part of Cotton Profitability	Dr. Tom Barber, University of Arkansas	Silver City 1-2
1:30 – 2:15 CM1	14.2	Maximum Soybeans	Dr. Ross Bender The Mosaic Company	Silver City 3-4
2:30 – 3:15 NM1	15.1	Basic Soil Fertility: Sampling, Analysis, Crop Removal	Dr. Nathan Slaton, University of Arkansas	Silver City 1-2
2:30 – 3:15 PM1	15.2	Target Spot in Cotton	Dr. Bill Robertson and Dr. Travis Faske, University of Arkansas	Silver City 3-4
2:30 – 3:15 CM1	15.3	Corn Replant Considerations and Plant Population Responses	Dr. Jason Kelley, University of Arkansas	Silver City 6-7
3:30 – 4:15 PM1	16.1	Soil-borne diseases of Soybeans & Cotton	Dr. Terry Spurlock, University of Arkansas	Silver City 1-2
3:30 – 4:15 SW1	16.2	Multiple Inlet Rice Irrigation made Mobile	Dr. Chris Henry, University of Arkansas	Silver City 3-4
3:30 – 4:30 PM1	16.3	<b>ACPA Industry Updates</b>		Silver City 6-7
		Gowan	Dr. Craig Sandowski	
		Syngenta	Keith Driggs	
		NK Seeds Syngenta	Corey Dildine	
		Bayer	Clay Starkey	
		Stoneville	Steve Lee	
		Credenz	William Johnson	
		Horizon Ag	Dr. Sonny Bottoms	
4:30 – 5:15 SW1	17.1	Managing Furrow Irrigated Rice	Dr. Jarrod Hardke, University of Arkansas	Silver City 1-2
4:30 – 5:15 PM1	17.2	<b>Travis Jones:</b> Response of Non-Xtend Soybean to Low Rates of Dicamba and Glyphosate Applied During Reproductive Development. <b>Chris Meyer:</b> What Antagonistic Tank-Mixtures in Enlist and Roundup Ready Xtend Technologies Mean for Growers	ACPA Research Conference Student Winner Travis Jones, Masters Competition Chris Meyer, PhD Competition	Silver City 3-4
4:30 – 5:15 PM1	17.3	Insect Control in Cotton, a Vital Part of Profitability.	Dr. Gus Lorenz, University of Arkansas	Silver City 6-7
5:15		<b>Social Hour and Silent Auction</b>		Silver City 5-6

## 2017 Arkansas Crop Management Conference Program January 17-19, 2017

### Thursday Morning, January 19, 2017

Time/Credits	Session		Speaker	Room
7:00 – 8:00		<b>ACPA Board Meeting</b>		Blue Dog Dining Room
8:00 – 5:00		<b>Registration, Huntersville Room 1005. Pre-registration packet pickup, Decantillon Room 1004.</b>		
		<b>Session Moderators: 1 (Silver City 1-2): Ralph Mazzanti 2 (Silver City 3-4): Anthony Whittington 3 (Silver City 6-7): Brent Griffin</b>		
8:00 – 8:45 PM1	18.1	Corn Insect Management, Most Effective Methods	Dr. Glen Studebaker, University of Arkansas	Silver City 1-2
8:00 – 8:45 NM1	18.2	Determining Midseason Nitrogen Needs Using Greenseeker Technology	Dr. Trent Roberts, University of Arkansas	Silver City 3-4
8:00 – 8:45 SW1	18.3	Managing Furrow Irrigated Rice	Dr. Jarrod Hardke, University of Arkansas	Silver City 6-7
9:00 – 9:45 PM1	19.1	New Rice Weed Control Technologies & Incorporating Provisia Technology	Dr. Bob Scott, University of Arkansas	Silver City 1-2
9:00 – 9:45 PM1	19.2	Insect Control in Cotton, a Vital Part of Profitability.	Dr. Gus Lorenz, University of Arkansas	Silver City 3-4
9:00 – 9:45 SW1	19.3	Nutrient loses in runoff from Arkansas Discovery Farms	Dr. Mike Daniels, University of Arkansas	Silver City 6-7
10:00 – 10:45 PM1	20.1	Effects on Late Season Drift on Rice	Dr. Tom Barber, University of Arkansas	Silver City 1-2
10:00 – 10:45 PM1	20.2	Management of Emerging and Established Soybean Pests: Corn Earworm, Redbanded Stink Bugs, and Kudzu Bugs	Dr. Nick Seiter, University of Arkansas	Silver City 3-4
11:00 – 11:45 CM1	21.1	Rice Update/Variety Selection	Dr. Jarrod Hardke, University of Arkansas	Silver City 1-2
11:00 – 11:45 SW1	21.2	Pipe Planner & Soil Moisture Sensors	Mike Hamilton, University of Arkansas	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

2017 Arkansas Crop Management Conference Program  
January 17-19, 2017

**2017 ACMC Program Committee**

Kyle Colwell	<i>Program Chairman, Dow AgroSciences</i>
Dr. Don Johnson	Arkansas Crop Protection Association
Dr. Bill Robertson	University of Arkansas/ACPA
Clay Fletcher	Arkansas Certified Crop Advisors
Dan Gladden	Arkansas Plant Food Association
Clint Jayroe	Arkansas Plant Food Association
Mark Browning	Arkansas Plant Food Association
Mallory Everett	Valent
Greg James	Crop Production Services
Larry Jayroe	Arkansas Plant Food Association /ASPB
Dr. Travis Faske	University of Arkansas
Dr. Jarrod Hardke	University of Arkansas/ACPA
Dr. Jeremy Ross	University of Arkansas/ACPA
Dr. Tom Barber	University of Arkansas/ACPA
Dr. Jason Kelley	University of Arkansas/ACPA
Dr. Nick Seiter	University of Arkansas
Dr. Terry Spurlock	University of Arkansas/ACPA
Chuck Farr	ACCA
Chris Grimes	University of Arkansas
Mike Simmons	ACCA
Dr. Chuck Wilson	University of Arkansas
Sterling Clifton	ACCA
Susie Nichols	Arkansas State Plant Board

**CEU's Presented During  
Meeting**

Nutrient Management: 5  
Soil & Water Management: 5  
Integrated Pest Management: 25  
Crop Management: 11  
Professional Development: 3



2017 Arkansas Crop Management Conference Program  
January 17-19, 2017

**2017 Program Instructors**

Adam Amick	ADAMA
Dr. Tom Barber	University of Arkansas Division of Agriculture
Dr. Ross Bender	The Mosiac Company
Dr. Burt Bluhm	University of Arkansas Division of Agriculture
Chris Booker	Americot
Dr. Sonny Bottoms	Horizon Ag
Dr. Chad Brewer	Mycogen
Michael Brewington	Drexel Chemical
Dr. Stacy Bruff	Dyna Grow
Dr. Kelly Bryant	University of Arkansas Monticello
Dr. Rick Cartwright	University of Arkansas Division of Agriculture
Chet Chaney	Monsanto Seeds
Cliff Coker	Pioneer
Kyle Colwell	Dow
Matt Cordell	Loveland Products
Dr. Mike Daniels	University of Arkansas Division of Agriculture
Norm Davy	Anuvia
Corey Dildine	NK Seeds Syngenta
Keith Driggs	Syngenta
Dickie Edmund	DuPont
Dr. Drew Ellis	Dow
Mallory Everett	Valent
Chuck Farr	Consultant
Dr. Travis Faske	University of Arkansas Division of Agriculture
Brad Fausett	Arkansas UAV
Clay Fletcher	Consultant
Frank Fogleman	Arkansas Grower
Curtis Fox	Armor Seed
Dr. Ned French	AMVAC
Terry Geirhan	Nichino
Andrew Grobmyer	Agricultural Council of Arkansas
Mike Hamilton	University of Arkansas Division of Agriculture
Dr. Jarrod Hardke	University of Arkansas Division of Agriculture
Dr. Chris Henry	University of Arkansas Division of Agriculture
Ted Holt	Cache River Valley Seeds

# 2017 Arkansas Crop Management Conference Program

## January 17-19, 2017

### 2017 Program Instructors

Otis Howe	Pioneer
Don Johnson	FMC
Dr. William Johnson	Credenz
Travis Jones	University of Arkansas Division of Agriculture
Dr. Jason Kelley	University of Arkansas Division of Agriculture
Pam Knox	University of Georgia
Steve Lee	Stoneville/Credenz
Chuck Ligon	Pioneer
Darryl Loggains	Monsanto Chemical
Dennis Long	AgBiTech
Dr. Gus Lorenz	University of Arkansas Division of Agriculture
Chris Meyer	University of Arkansas Division of Agriculture
Ryan Moore	Consultant
Susie Nichols	Arkansas State Plant Board
Dr. Trent Roberts	University of Arkansas Division of Agriculture
Dr. Bill Robertson	University of Arkansas Division of Agriculture
Dr. Jeremy Ross	University of Arkansas Division of Agriculture
Dr. Craig Rothrock	University of Arkansas Division of Agriculture
Scott Rushing	Rice Co
Dr. Craig Sandowski	Gowan
Dr. Jason Sarver	Mississippi State University
John Schultz	BASF
Dr. Bob Scott	University of Arkansas Division of Agriculture
Dr. Nick Seiter	University of Arkansas Division of Agriculture
Travis Senters	Arkansas Grower
Craig Shelton	Gavilon
Dr. Cal Shumway	Arkansas State University
Bobby Skeen	Louisiana Cotton & Grain Association
Dr. Nathan Slaton	University of Arkansas Division of Agriculture
Ples Spradley	University of Arkansas Division of Agriculture
Dr. Terry Spurlock	University of Arkansas Division of Agriculture
Clay Starkey	Bayer CropScience
Clay Starkey	Bayer CropScience
Dr. Glenn Studebaker	University of Arkansas Division of Agriculture
Mason Wallace	Rice Tec
Dr. Yeshi Wamishe	University of Arkansas Division of Agriculture