The Arkansas Crop Management Conference

2013

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

WELCOME TO THE CONFERENCE

We welcome you to the 2013 Crop Management Conference. This year's program is a diverse program that is designed to maintain your interest and offer the ability to always be in a session that benefits you. The program has three concurrent sessions that were 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 determine future program design and topics.

Program Highlights:

Registration: Tuesday and Wednesday from 8am - 5pm. Contact either Don Johnson or Claude Bonner if you need to register outside these times.

Tuesday Noon: Awards Luncheon and keynote speaker 11:30.

Tuesday Evening: President's reception at 6pm, Silver City area.

Wednesday Noon: CCA Luncheon at 11:30am, Silver City area

Wednesday Noon: General Lunch in area around Silver City.

Wednesday at 5pm: Social Hour and Silent Auction, proceeds from auction funds speaker travel and scholarships.

CCA and consultant continuing education credits available: 18 hours

Time	Sessio	Tuesday Morning, January 22, 2013	Room
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8:00am		Registration	Ballroom Foyer
		Session Moderators:	-
		General Session 1: Gus Wilson, UA	
		General Session 2:Wes Kirkpatrick, UA	
		General Session 3: Chuck Capps, UA	
9:30 -	1	Value of Starter Fertilizer for Corn Production	Silver City 5
10:15		Dr. Erick Larson, Mississippi State University	
	2	Bacterial Blight in Cotton	Silver City 6
		Dr. Craig Rothrock, University of Arkansas	
	3	Precision Ag and Variable Rate Technology	Silver City 7
		Dr. Derrick Anderson, Hemisphere GPS	
10:30 -	1	Crop Growth and Development Overview for	Silver City 5
11:15		Corn & Soybean	
		Dr. Jason Kelley and Dr. Jeremy Ross, University of	
		Arkansas	
	2	Foliar Fertilizers and Their Uses (Particularly K)	Silver City 6
		Dr. Nathan Slaton, University of Arkansas	
	3	Strobilurin-resistant Frogeye Leaf Spot &	Silver City 7
		Cercospora Leaf Blight Management	
		Dr. Travis Faske, University of Arkansas	
11:30		Awards Luncheon	Silver City 1-4
12:30-		Keynote Speaker: Jeff Greseth, Director of	
1:00		Supply, CHS Inc. Jeff joined the cooperative system in 1979, working at a local cooperative. Along the way, he's held numerous sales, distribution and marketing roles, including serving as president of Omnium, a crop protection chemical manufacturing business at St. Joseph, Mo. Most recently, Jeff served as director, Crop Nutrients supply and trading. His critical thinking skills and management acumen has helped CHS Inc. further develop mutually-beneficial relationships with supply partners and remain relevant to our customers. Jeff will be giving an objective view point regarding the state of the union of the fertilizer business; where it is today and where we believe it is headed in the near future, as well as how the interaction with the international markets effects the US direction. His discussion will be based from the wholesale distributor view point since CHS is the largest distributor in the US market.	

All Crops; Dr. Leo Espinoza, University of Arkansas Zn Management for Corn Production Dr. Steve Phillips, International Plant Nutrition Institute 3 Grid Sampling and Veris Technology Dr. Dennis Burns, LSU AgCenter 2:00 - 1 Value of Starter Fertilizer for Corn Production Dr. Erick Larson, Mississippi State University 2 Bacterial Blight in Cotton Dr. Craig Rothrock, University of Arkansas 3 Precision Ag and Variable Rate Technology Dr. Derrick Anderson, Hemisphere GPS 3:00 - 1 Crop Growth and Development Overview for Dr. Jason Kelley and Dr. Jeremy Ross, University of Arkansas 2 Foliar Fertilizers and Their Uses (Particularly K) Dr. Nathan Slaton, University of Arkansas 3 Strobilurin-resistant Frogeye Leaf Spot & Silver City 7 Cercospora Leaf Blight Management Dr. Travis Faske, University of Arkansas 4:00 - 1 Grain Sorghum 101 Dr. Jason Kelley, University of Arkansas 2 Zn Management for Corn Production Dr. Steve Phillips, International Plant Nutrition Instititue 3 Grid Sampling and Veris Technology Dr. Dennis Burns, LSU AgCenter General Membership Meetings Silver City 5-7	Time	Session	Tuesday Afternoon, January 22, 2013	Room
General Session 2: Chris Grimes, UA General Session 3: Mike Hamilton, UA 1:00 - 1 Review of Crop Nutrient Uptake and Removal, for All Crops; Dr. Leo Espinoza, University of Arkansas 2 Zn Management for Corn Production Dr. Steve Phillips, International Plant Nutrition Institute 3 Grid Sampling and Veris Technology Dr. Dennis Burns, LSU AgCenter 2:00 - 1 Value of Starter Fertilizer for Corn Production Dr. Craig Rothrock, University of Arkansas 3 Precision Ag and Variable Rate Technology Dr. Derrick Anderson, Hemisphere GPS 3:00 - 1 Crop Growth and Development Overview for Silver City 5 Corn & Soybean Dr. Jason Kelley and Dr. Jeremy Ross, University of Arkansas 3 Strobilurin-resistant Frogeye Leaf Spot & Silver City 7 Cercospora Leaf Blight Management Dr. Travis Faske, University of Arkansas 4:00 - 1 Grain Sorghum 101 Dr. Jason Kelley, University of Arkansas 2 Zn Management for Corn Production Dr. Steve Phillips, International Plant Nutrition Instititue 3 Grid Sampling and Veris Technology Dr. Dennis Burns, LSU AgCenter General Membership Meetings Silver City 5-7			Session Moderators:	
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4:00 - 1 Grain Sorghum 101 Silver City 5 4:45 Dr. Jason Kelley, University of Arkansas 2 Zn Management for Corn Production Silver City 6 Dr. Steve Phillips, International Plant Nutrition Instititue 3 Grid Sampling and Veris Technology Silver City 7 Dr. Dennis Burns, LSU AgCenter 5:00 - General Membership Meetings Silver City 5-7 6:00			Cercospora Leaf Blight Management	
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Dr. Dennis Burns, LSU AgCenter 5:00 - General Membership Meetings Silver City 5-7 6:00		3	Grid Sampling and Veris Technology	Silver City 7
6:00				-
	5:00 -		General Membership Meetings	Silver City 5-7
6:00 President's Reception Silver City1-3	6:00		_	-
	6:00		President's Reception	Silver City1-3

Time	Session	Wednesday Morning, January 23, 2013	Room
8:00am		Registration Open	Ballroom Foyer
		Session Moderators:	-
		General Session 1: Gus Wilson, UA	
		General Session 2: Wes Kirkpatrick, UA	
		General Session 3: Chuck Capps, UA	
7:30 -	1	Managing Glyphosate-resistant Italian Ryegrass:	Silver City 5
8:15		Lessons Learned in Mississippi	
		Dr. Jason Bond, Mississippi State University	
	2	Nitrogen Sources and Management (ESN)	Silver City 6
		Dr. Bobby Golden, Mississippi State University	
	3	Seed Treatments for All Crops	Silver City 7
		Dr. Glenn Studebaker, University of Arkansas	
8:30 -	1	Peanut 101 - Peanut Growth and Development &	Silver City 5
9:15		Management Decisions	
		Dr. Scott Monfort, Clemson University	
	2	Factors Affecting Economic Thresholds	Silver City 6
		Dr. Fred Musser, Mississippi State University	
	3	Seeding Rates for Hybrid Rice Varieties and Rice	Silver City 7
		Crop Overview for 2012	
0.20		Dr. Jarrod Hardke, University of Arkansas	~!1 ~! ~ !
9:30 -	1	Soil Texture Analysis - What Does It Mean to Me?	Silver City 5
10:15		Dr. Kris Brye, University of Arkansas	~!1 ~! ·
	2	Herbicide-Insecticide Seed Treatment Interactions in	Silver City 6
		Cotton, Dr. Gus Lorenz and Dr. Tom Barber,	
	2	University of Arkansas	G'1 G' 7
	3	NSTAR Update and Managing Aquatic Weeds with	Silver City 7
		Reduced N Rates	
10.20	1	Dr. Trent Roberts, University of Arkansas	G:1 G:4 5
10:30 -	1	Italian Ryegrass Management	Silver City 5
11:15	2	Dr. Jason Bond, Mississippi State University	C'1 C'4
	2	Nitrogen Sources and Management (ESN)	Silver City 6
	2	Dr. Bobby Golden, Mississippi State University	C:1 C:4 7
	3	Seed Treatments for All Crops Dr. Clara Studebalter University of Arkenses	Silver City 7
11.20		Dr. Glenn Studebaker, University of Arkansas	Cilvon City 2 4
11:30 -		General Lunch	Silver City 2-4
1:00		CCA Luncheon & Business Meeting	Silver City 1

Time	Session	Wednesday Afternoon, January 23, 2013	Room
		Session Moderators:	
		General Session 1: Dr. Travis Faske, UA	
		General Session 2: Dr. Tom Barber, UA	
		General Session 3: Lance Schmidt, UA	
1:00 -	1	Peanut 101 - Peanut Growth and Development &	Silver City 5
1:45		Management Decisions	
		Dr. Scott Monfort, Clemson University	
	2	Factors Affecting Economic Thresholds	Silver City 6
		Dr. Fred Musser, Mississippi State University	
	3	Seeding Rates for Hybrid Rice Varieties and Rice	Silver City 7
		Crop Overview for 2012	
		Dr. Jarrod Hardke, University of Arkansas	
2:00 -	1	Soil Texture Analysis - What Does It Mean to Me?	Silver City 5
2:45		Dr. Kris Brye, University of Arkansas	
	2	Herbicide-Insecticide Seed Treatment Interactions in	Silver City 6
		Cotton, Dr. Gus Lorenz and Dr. Tom Barber,	
		University of Arkansas	
	3	NSTAR Update and Managing Aquatic Weeds with	Silver City 7
		Reduced N Rates,	
		Dr. Trent Roberts, University of Arkansas	
3:00 -	1	Aflatoxin and the Use of Aflaguard in Corn,	Silver City 5
3:45		Dr. Travis Faske and Dr. Burt Bluhm, University of	
	2	Arkansas	
	2	Understanding Commodity futures Basis	Silver City 6
		Dr. Andy McKenzie, University of Arkansas	~!! ~! =
	3	New Weed Control Technologies (HPPD, Dicamba,	Silver City 7
		2,4-D), Dr. Bob Scott, University of Arkansas; Bob	
		Montgomery, Monsanto; Sam Garris, Bayer Crop	
4.00	1	Science; and Dr. Jonathan Siebert, Dow Agrosciences	G'1 G'4 5
4:00 -	1	Insecticide Resistance Pest in Crops	Silver City 5
4:45	2	Dr. Jeff Gore - Mississippi State University	Cileran Citer 6
	2	Utilizing Crop Yield Mapping to Make Management Decisions Dr. Torry Criffin Crosso Ag	Silver City 6
	3	Decisions, Dr. Terry Griffin, Cresco Ag Top 10 Rost Management Practices for Harbicide	Silver City 7
	3	Top 10 Best Management Practices for Herbicide Posistant Woods Dr. Bob Scott, University of	Silver City 7
		Resistant Weeds, Dr. Bob Scott - University of Arkansas	
5:00		Social Hour and Silent Auction	Silver City 1 2
5.00		Social Hour and Shent Auction	Silver City 1-3

Time	Session	Thursday Morning, January 24, 2013	Room
7:00 - 8:00		ACPA Board Meeting	Razorback East
8:00		Registration Open	Ballroom Foyer
		Session Moderators:	·
		General Session 1: Dr. Leo Espinoza, UA	
		General Session 2: Blake McClelland, UA	
0.00	4	General Session 3: Chris Henry, UA	G11 G1 #
8:00 -	1	Review of Crop Nutrient Uptake and Removal, All	Silver City 5
8:45	2	Crops, Dr. Leo Espinoza, University of Arkansas	Cilvon City 6
	2	New Insecticide Products for Cotton and Soybean Dr. Gus Lorenz, University of Arkansas	Silver City 6
	3	Irrigation Management Tools for the Crop	Silver City 7
	3	Consultant; Dr. Chris Henry, University of Arkansas	Shver City 7
9:00 -	1	Aflatoxin and the Use of Aflaguard in Corn	Silver City 5
9:45		Dr. Travis Faske and Dr. Burt Bluhm, University of	
		Arkansas	
	2	Electronic Ag Resources; Mike Hamilton, University	Silver City 6
		of Arkansas; David Hydrick, Hydrick's Crop	
	2	Consulting, Inc.	C:1 C:4 7
	3	New Weed Control Technologies (HPPD, Dicamba, 2,4-D), Dr. Bob Scott, University of Arkansas; Bob	Silver City 7
		Montgomery, Monsanto; Sam Garris, Bayer Crop	
		Science; and Dr. Jonathan Siebert, Dow Agrosciences	
10:00-	1	Insecticide Resistance Pest in Crops	Silver City 5
10:45		Dr. Jeff Gore, Mississippi State University	
	2	Maximizing Soybean Yield Research	Silver City 6
		Dr. Jeremy Ross, University of Arkansas	
	3	Top 10 Best Management Practices for Herbicide	Silver City 7
		Resistant Weeds; Dr. Bob Scott, University of	
11.00	1	Arkansas	G:1 G:4 F
11:00-	1	Grain Sorghum 101 Dr. Jacon Kalley, University of Arkenses	Silver City 5
11:45	2	Dr. Jason Kelley, University of Arkansas New Inserticide Products for Cotton and Saybeans	Silver City 6
	2	New Insecticide Products for Cotton and Soybean; Dr. Gus Lorenz, University of Arkansas	Silver City 6
	3	Irrigation Management Tools for the Crop	Silver City 7
	J	Consultant; Dr. Chris Henry, University of Arkansas	Sirver City 1
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Program Participants

- Dr. Derrick Anderson, Hemisphere GPS
- Dr. Tom Barber, University of Arkansas Division of Agriculture
- Dr. Burt Bluhm, University of Arkansas Division of Agriculture
- Dr. Jason Bond, Mississippi State University
- Dr. Kris Brye, University of Arkansas Division of Agriculture
- Dr. Dennis Burns, University of Arkansas Division of Agriculture
- Chuck Capps, University of Arkansas Division of Agriculture
- Dr. Leo Espinoza, University of Arkansas Division of Agriculture
- Dr. Travis Faske, University of Arkansas Division of Agriculture
- Sam Garris, Bayer CropScience
- Dr. Bobby Golden, Mississippi State University
- Dr. Jeff Gore, Mississippi State University
- Dr. Terry Griffin, Cresco Ag
- Chris Grimes, University of Arkansas Division of Agriculture
- 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
- David Hydrick, Hydrick's Crop Consulting, Inc.
- Dr. Jason Kelley, University of Arkansas Division of Agriculture
- Dr. Terry Kirkpatrick, University of Arkansas Division of Agriculture
- Wes Kirkpatrick, Unviersity of Arkansas
- Dr. Eric Larson, Mississippi State University
- Kevin Lawson, University of Arkansas Division of Agriculture
- Dr. Gus Lorenz, University of Arkansas Division of Agriculture
- Blake McClelland, University of Arkansas Division of Agriculture
- Dr. Andy McKenzie, University of Arkansas Division of Agriculture
- Dr. Scott Monfort, Clemson University
- Bob Montgomery, Monsanto
- Dr. Fred Musser, Mississippi State University
- Dr. Steve Phillips, International Plant Nutrition Institute
- Dr. Trent Roberts, University of Arkansas Division of Agriculture
- Dr. Jeremy Ross, University of Arkansas Division of Agriculture
- Dr. Craig Rothrock, University of Arkansas Division of Agriculture
- Lance Schmidt, University of Arkansas Division of Agriculture
- Dr. Bob Scott, University of Arkansas Division of Agriculture
- Dr. Jonathan Siebert, Dow Agrosciences
- Dr. Nathan Slaton, University of Arkansas Division of Agriculture
- Dr. Glenn Studebaker, University of Arkansas Division of Agriculture
- Gus Wilson, University of Arkansas Division of Agriculture

Notes