

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

2013 Arkansas Crop Management Conference Program
January 22-24, 2013

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

2013 Arkansas Crop Management Conference Program
January 22-24, 2013

| Time | Session | Tuesday Morning, January 22, 2013 | Room |
|------------------|---------|--|---------------------------|
| 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 - 10:15 | 1 | Value of Starter Fertilizer for Corn Production Dr. Erick Larson, Mississippi State University | Silver City 5 |
| | 2 | Bacterial Blight in Cotton Dr. Craig Rothrock, University of Arkansas | Silver City 6 |
| | 3 | Precision Ag and Variable Rate Technology Dr. Derrick Anderson, Hemisphere GPS | Silver City 7 |
| 10:30 - 11:15 | 1 | Crop Growth and Development Overview for Corn & Soybean Dr. Jason Kelley and Dr. Jeremy Ross, University of Arkansas | Silver City 5 |
| | 2 | Foliar Fertilizers and Their Uses (Particularly K) Dr. Nathan Slaton, University of Arkansas | Silver City 6 |
| | 3 | Strobilurin-resistant Frogeye Leaf Spot & Cercospora Leaf Blight Management Dr. Travis Faske, University of Arkansas | Silver City 7 |
| 11:30 | | Awards Luncheon | Silver City 1-4 |
| 12:30- 1:00 | | Keynote Speaker: Jeff Greseth, Director of 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. | |

2013 Arkansas Crop Management Conference Program
January 22-24, 2013

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

2013 Arkansas Crop Management Conference Program
January 22-24, 2013

| 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 - 8:15 | 1 | Managing Glyphosate-resistant Italian Ryegrass: Lessons Learned in Mississippi Dr. Jason Bond, Mississippi State University | Silver City 5 |
| | 2 | Nitrogen Sources and Management (ESN) Dr. Bobby Golden, Mississippi State University | Silver City 6 |
| | 3 | Seed Treatments for All Crops Dr. Glenn Studebaker, University of Arkansas | Silver City 7 |
| 8:30 - 9:15 | 1 | Peanut 101 - Peanut Growth and Development & Management Decisions Dr. Scott Monfort, Clemson University | Silver City 5 |
| | 2 | Factors Affecting Economic Thresholds Dr. Fred Musser, Mississippi State University | Silver City 6 |
| | 3 | Seeding Rates for Hybrid Rice Varieties and Rice Crop Overview for 2012 Dr. Jarrod Hardke, University of Arkansas | Silver City 7 |
| 9:30 - 10:15 | 1 | Soil Texture Analysis - What Does It Mean to Me? Dr. Kris Brye, University of Arkansas | Silver City 5 |
| | 2 | Herbicide-Insecticide Seed Treatment Interactions in Cotton, Dr. Gus Lorenz and Dr. Tom Barber, University of Arkansas | Silver City 6 |
| | 3 | NSTAR Update and Managing Aquatic Weeds with Reduced N Rates Dr. Trent Roberts, University of Arkansas | Silver City 7 |
| 10:30 - 11:15 | 1 | Italian Ryegrass Management Dr. Jason Bond, Mississippi State University | Silver City 5 |
| | 2 | Nitrogen Sources and Management (ESN) Dr. Bobby Golden, Mississippi State University | Silver City 6 |
| | 3 | Seed Treatments for All Crops Dr. Glenn Studebaker, University of Arkansas | Silver City 7 |
| 11:30 - 1:00 | | General Lunch | Silver City 2-4 |
| | | CCA Luncheon & Business Meeting | Silver City 1 |

2013 Arkansas Crop Management Conference Program
January 22-24, 2013

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

2013 Arkansas Crop Management Conference Program

January 22-24, 2013

| 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 | |
| | | General Session 3: Chris Henry, UA | |
| 8:00 - 8:45 | 1 | Review of Crop Nutrient Uptake and Removal, All Crops, Dr. Leo Espinoza, University of Arkansas | Silver City 5 |
| | 2 | New Insecticide Products for Cotton and Soybean Dr. Gus Lorenz, University of Arkansas | Silver City 6 |
| | 3 | Irrigation Management Tools for the Crop Consultant; Dr. Chris Henry, University of Arkansas | Silver City 7 |
| 9:00 - 9:45 | 1 | Aflatoxin and the Use of Aflaguard in Corn Dr. Travis Faske and Dr. Burt Bluhm, University of Arkansas | Silver City 5 |
| | 2 | Electronic Ag Resources; Mike Hamilton, University of Arkansas; David Hydrick, Hydrick's Crop Consulting, Inc. | Silver City 6 |
| | 3 | New Weed Control Technologies (HPPD, Dicamba, 2,4-D), Dr. Bob Scott, University of Arkansas; Bob Montgomery, Monsanto; Sam Garris, Bayer Crop Science; and Dr. Jonathan Siebert, Dow Agrosiences | Silver City 7 |
| 10:00- 10:45 | 1 | Insecticide Resistance Pest in Crops Dr. Jeff Gore, Mississippi State University | Silver City 5 |
| | 2 | Maximizing Soybean Yield Research Dr. Jeremy Ross, University of Arkansas | Silver City 6 |
| | 3 | Top 10 Best Management Practices for Herbicide Resistant Weeds; Dr. Bob Scott, University of Arkansas | Silver City 7 |
| 11:00- 11:45 | 1 | Grain Sorghum 101 Dr. Jason Kelley, University of Arkansas | Silver City 5 |
| | 2 | New Insecticide Products for Cotton and Soybean; Dr. Gus Lorenz, University of Arkansas | Silver City 6 |
| | 3 | Irrigation Management Tools for the Crop Consultant; Dr. Chris Henry, University of Arkansas | Silver City 7 |

2013 Arkansas Crop Management Conference Program January 22-24, 2013

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, University 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

2013 Arkansas Crop Management Conference Program
January 22-24, 2013

Notes