



ACPA Newsletter

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ARKANSAS BOLL WEEVIL ERADICATION FOUNDATION

Arkansas Boll Weevil Eradication Foundation (ABWEF) is an Arkansas nonprofit corporation designated by the Arkansas State Plant Board (ASPB) to operate the Arkansas boll weevil eradication program. All Arkansas cotton growers are members of this foundation. ABWEF and the boll weevil eradication operations are overseen and regulated by the ASPB. In addition to implementing regulations, the ASPB also administers enforcement for laws that impact agriculture and the general public in the State.

ABWEF began eradication operations in Arkansas in 1997 in southwest Arkansas counties and made annual expansions that ultimately included all cotton producing areas. After the boll weevil was completely eradicated from Arkansas in 2006, the ABWEF began to downsize. ABWEF continues a maintenance program that monitors the state for boll weevil presence, which is entirely a prevention effort. No boll weevils have been found in Arkansas since 2006.

ABWEF borrowed from the

United States Department of Agriculture (USDA) Farm Service Agency (FSA) in order to finance the front end costs incurred to carry out the boll weevil eradication program. The FSA debt and operational costs have been paid for by Arkansas cotton growers through annual assessments on each acre of cotton grown in Arkansas. In September 2015, the Arkansas Boll Weevil Eradication Foundation made its final payment on all debt incurred by Arkansas boll weevil eradication efforts. The remaining balance owed to the USDA/FSA was made three years ahead of the scheduled maturity date.

In January 2016, the ABWEF Board set assessments for the 2016 cotton growing season at \$4.00 per acre of cotton. This is a reduction of past assessments by 50% for the majority of the state. The Board was able to lower the 2016 assessment level due to fact that the Boll Weevil Eradication Program was able to pay off their debt.

All cotton acreage will need to be reported and verified to the



Cotton Boll Weevil adult (top) and immature larva (bottom). Be vigilant while scouting cotton for this pest and report if found.

Boll Weevil Eradication Program. This should be done by June 15 of each year. To contact the Boll Weevil Eradication Program, please call Regina Coleman, Program Director, at 870-692-6368.

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Special points of interest:

- ACPA Research Conference November 29-30, 2016, in Fayetteville
- Plant Board Meeting November 21, 2016
- Arkansas Crop Management Conference January 17-19, 2017

Arkansas Crop Protection Association to Hold Annual Meeting at ACMC; Officer Election on Slate

Election of officers for ACPA will be conducted at the annual meeting to be held in conjunction with the Arkansas Crop Management Conference (ACMC) January 17-19, 2017, at the Wyndham Riverfront Hotel in North Little Rock, AR. Officers nominated this year will include President Elect Kyle Colwell moving to position of President. Kyle works with Dow and has been active on the ACPA board and serves as Pro-

gram Chairman of the ACMC. The nominee for President Elect and ACMC program chair for 2017-18 is Chris Grimes. Chris currently works for the University of Arkansas, serves on the ACPA board, and assists in coordination of ACMC. Brad Veazey with RiceCo will be nominated for the Industry Position as board member. Also, Jarret Sanders will be nominated as board member serving in the Agribusiness Board Position. Dr.

Jarrold Hardke will be nominated to continue as Vice President. The Vice President serves as Chairman of the Arkansas Crop Protection Association Research Conference in Fayetteville each year. Nick Seiter will be nominated to serve in the Academia Board Position to replace Chris Grimes. Jason Kelley will be nominated to continue for Treasurer, and Jeremy Ross will be nominated to continue as Secretary.



Cotton Boll weevil was a difficult insect to control in cotton



Former extension entomologist, Dr. Charles Allen (left), checking traps in Texas

Boll Weevil Program has New Leadership

On November 2, 2016, Randy Reynolds of Blytheville, Arkansas, officially assumed the position of Chairman of the Arkansas Boll Weevil Eradication Foundation Board. He replaces Laudies Brantley of England, Arkansas, who served as Chairman over the last two years. Brantley's service to the board dates back to 1999, and, as Chairman, he was able to successfully pay off all outstanding debts three years ahead of maturity schedule and cut in half grower assessments to the eradication program. The Arkansas Boll Weevil Eradication Program was first estab-

lished in 1997 as part of a national initiative to eradicate the boll weevil, a cotton pest known to cause tremendous crop damage. Arkansas successfully eradicated the weevil in the mid-2000s and boll weevils have not been found since. However, the Arkansas Program continues to participate in eradication efforts in Texas, near the Mexico border, and it maintains a trapping, monitoring, and response program to ensure continued eradication. Arkansas also continues to monitor for boll weevil around cotton fields using pheromone traps. The boll weevil trap uses the pheromone grand-

lure to attract any weevils in the area. The trap is especially effective in spring and fall of the year. The original program used systematic applications of the insecticide malathion while monitoring the population with the trap. The trap was developed by Joe Leggett and pheromone application was developed by Dr. Dick Hardee. The original trap was called the Hardee trap. Dick was a friend to all and loved his golf. He passed away a couple of years ago. He was the research leader at Stoneville, MS, with the United States Department of Agriculture.

Using Herbicide Symptomology with Computer Based Knowledge

“Herbicide Symptomology Simplified Analysis will be online for those involved in agriculture to utilize.”

Dr. Bob Scott and Dr. Cal Shumway have accumulated a large database of photographs of herbicide injury from various herbicides on different crops. They are developing a searchable database on the University of Arkansas Cooperative Extension Service website to allow search of symptoms observed in crops. The website and symptomology will simplify analysis of problems observed, matching injury to symptomology in the database information.

It is common to find herbicide injury in the field that is slightly different in different areas, and Bob Scott is often called. Bob describes this concept as the ability to get on the website with your smart phone or computer and immediately compare injury found to photographs in the database. The website will be organized to assist in the search process.

If this article has confused you or attracted your interest, please go to the Herbicide Symptomol-

ogy session at the Arkansas Crop Management Conference where Bob and Cal will review this new tool to be available soon.



Dicamba injury in soybeans

Dow Agrosiences Enlist Duo Herbicide Completes Review by EPA



Enlist Duo Herbicide will assist in weed control for cotton and soybean

On November 1, 2016, the Environmental Protection Agency (EPA) announced it has completed a secondary review of synergistic effects of Dow Agrosiences Enlist Duo herbicide and concluded that synergism that could impact non-target threatened or endangered plant species does not exist. They went on to say that the herbicide mix of glyphosate and 2,4-D choline, which is designed to be applied over top

the company's Enlist corn, soybean and cotton crops, would be registered for use in 34 states over corn, soybeans and cotton crops.

The label will maintain buffer requirements, in addition to specific nozzle and wind speed requirements designed to minimize off-target drift. The proposed registration is up for public comment through December 1, when the EPA will review

comments and reach a final registration decision. While the Enlist corn and soybean traits are still awaiting import approvals from China, Dow Agrosiences did announce it expects approval soon and is prepared for full commercialization in 2017.

~Extracted from the Agricultural Council of Arkansas Newsletter



Federal Agents Conduct Searches Related to Illegal Dicamba Use

The Arkansas State Plant Board has had numerous complaints this year regarding the illegal use of dicamba on cotton with tolerance to dicamba that was released for sale in the spring. Dr. Ford Baldwin stated at a recent Plant Board meeting, "This year's off-target issues with dicamba were very predictable when the Roundup Ready Xtend crops were allowed to be planted without the registration of improved formulations of dicamba and without the intensive training of growers and applicators. The primary response I have seen to date has been to throw the farmers that sprayed dicamba on these crops under the bus.

We have known from the beginning soybean is as sensitive to dicamba as cotton is to 2-4-D or tomato to quinclorac".

In October, federal investigative agents with the Environmental Protection Agency (EPA) and the Federal Bureau of Investigation (FBI) reportedly conducted several searches in Southeast Missouri in relation to the illegal use of the Dicamba herbicide. The searches were conducted as part of a criminal investigation into the alleged misuse or misapplication of Dicamba herbicides in the region, including Northeast Arkansas. With new seeds containing tolerance to Dicamba being legal for planting and wide-

ly available, it appears some farmers may have utilized Dicamba illegally as the EPA has yet to provide a label for use of the new, less volatile herbicide formulas designed to match the seeds.

Baldwin also stated, "While I have had considerable experience with dicamba throughout my career, this year has provided an excellent refresher course. We have known that dicamba is an average pigweed herbicide and that has been obvious this year.

~Partially extracted from the Agricultural Council of Arkansas Newsletter



Dicamba Damaged Thousands of Acres of Soybean in Arkansas As Result of Illegal Applications and Subsequent Drift to Soybean.

Leadership Changes in Two Major Organizations that Support and Work With ACPA

The Cooperative Extension Service University of Arkansas Division of Agriculture has had a change in leadership. Dr. Tony Windham, former Extension Director, resigned to take a position in private industry. Dr. Rick Cartwright has assumed the duties as Director and interim Associate VP in Extension. We all have known Rick as Extension Plant Pathologist. He is great scientist that has a knack for

solving problems in agriculture. He has now taken this ability to the administration, and we look forward to him utilizing his problem solving ability in administration. Good luck to Rick.

The Arkansas State Plant Board also had a change in leadership; Terry Walker has assumed the duties as Director of ASB. Daryl Little retired from that office last summer and is working hard on his hobby of bird watching. I

heard that he planned a serious trip to South America to study our feathery friends. Terry previously was Director of Plant Industry Division. He studied at the University of Arkansas where he received a BS and MS degree. His MS degree was in agronomy. We wish Terry good luck in his new position.

~Donald R Johnson, PhD

"Dr. Rick Cartwright is interim Director of UA Cooperative Extension Service and Terry Walker is head of Arkansas State Plant Board"

Arkansas Crop Management Conference Scheduled January 17-19, 2017

The Arkansas Crop Management Conference (ACMC) is scheduled for January 17-19, 2017, at the Wyndham Riverfront, North Little Rock, AR. Members from organizations that sponsor the meeting were included in a preliminary planning meeting. The conference for 2017 will have approximately 20 credits total, depending on approval. The conference will begin Tuesday morning and conclude Thursday at noon.

Topics of interest to be ad-

ressed this year include: new regulations on new auxin technologies; peanut production practices and disease management strategies for the mid-South; new technology for weed management from Dow and Monsanto; soil and water topics; and several topics on nutrient management.

The Wyndham offers a room rate of \$104 for single or double occupancy and \$10 for each additional person. These rates include breakfast. Rates quoted

are exclusive of tax. Guests may call the hotel toll free number 866-657-4458 or the hotel directly at (501) 371-9000 to make reservations. Please mention Arkansas Crop Management when calling to make reservations in order to receive the special rate. Members calling after the cut-off date may not be able to receive the negotiated rate. Cancellation of an individual guest room reservation needs to be made 24 hours prior to arrival to avoid no-show charges.



Wyndham Riverfront Hotel is an excellent meeting place. Make your room reservations as soon as possible.



We're on the web:
acpanews.com

Arkansas Crop Protection Association Research Conference Scheduled for Nov. 29-30, 2016

“Continuing education credits will be available that will count for 2016 – a great opportunity to get last minute credits”

The Arkansas Crop Protection Association (ACPA) will host its annual research conference November 29-30, 2016 in Fayetteville, AR. Note that the conference dates are Tuesday and Wednesday which is a change from previous years. The conference will be held at the Hilton Garden Inn, 1325 N. Palak Dr., Fayetteville, AR 72704. Phone 479-856-6040 for reservations. Conference highlights will include a student paper competition with cash prizes awarded to the top presentations in both Ph.D. and Master's divisions. Research, extension, and industry representatives are encouraged to attend and partic-

ipate by making presentations. Continuing education credits will also be available to count for 2016 – a great opportunity to get last minute credits. A formal call for papers has been sent out. For more information, contact the Conference coordinator, Dr. Jarrod Hardke. Registration fee is \$50.

The meeting offers a rare opportunity to observe students presenting new research that is being conducted on new approaches to agriculture. In addition, agriculture industry representatives may be interested in these up and coming students that will be our agricultural leaders of the future.



Student paper competition is composed of a diverse range of topics on crop related research