

2014 Report
Arkansas Corn and Grain Sorghum Board

Application Technology Demonstration and Education for Arkansas Crops
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The advent of new herbicide technology/trait release such as Dicamba and 2,4-D tolerance in cotton and soybean has raised new issues regarding proper application methods, technology and sprayer cleanout. There have been numerous drift studies conducted with Universities across the mid-south by weed scientists, but a large gap in spray technology and understanding exists. Other issues with comparing farm size sprayers to plot size sprayers will most likely arise in the future. Recently the University of Arkansas Division of Agriculture hired Jason Davis for the Application Technology position. Jason started in July and since has begun the process of ordering the necessary equipment for spray calibration and application demonstrations. He is also currently working on tank contamination and sprayer cleanout education. There is one publication on sprayer cleanout that has been finalized MP 532. Also spray application training schools have been set for February 17th-20th. Locations will be Jonesboro, Marianna, McGehee and Morrilton. These schools will provide the education necessary for new technologies that will be available in 2015. You will see more advertisement of these spray schools in coming months. Below is an outline of accomplishments in the last 6 months.

On agenda or assisted with the following events:

- Assisted with tank clean-out session at Arkansas Rice Expo – 35 attendees
- Assisted Graduate Students with calibration of application equipment for research
- On program for Greene County IPM Meeting
- On program for St Francis County Field Day
- Presenter at all winter 2014-2015 Commercial Applicator Trainings
 - Jonesboro – 150 applicators
 - Brinkley – 120 applicators
 - Little Rock – 80 applicators
 - Fayetteville – 78 applicators
 - Monticello – 50 applicators
 - Little Rock – 50 applicators
- Dumas Corn/grain sorghum and soybean conference – promoted spray clinics
- Forest City Agent Training speaker– 47 agents
- New Visions Leadership training speaker – 30 attendees
- Farm to You Program – 200 attendees
- APMC session speaker – 200 session attendees between two sessions
- Prairie County production meeting speaker – 65 producers