

**Project Code: N/A**

**Project Title: Foliar Soybean Trial, Prairie County, 2008**

**GENERAL TRIAL INFORMATION**

Study Director: Gus Lorenz  
Investigators: Gus Lorenz, Kyle Colwell, Heather Wilf, Nichole Taillon  
Location: Prairie Co., AR

**CROP AND PEST DESCRIPTION**

Pest: Bollworm, Soybean Looper, Three Corner Alfalfa Hopper  
Crop: Soybeans  
Plot Width, Unit: 12.5 ft.  
Plot Length, Unit: 50 ft.  
Replications: 4  
Site Type: field  
Study Design: Randomized Complete Block

**APPLICATION DESCRIPTION**

Application Date: August 8, 2008  
Application Method: Spray  
Application Placement: Foliar

**APPLICATION EQUIPMENT**

Appl. Equipment: Mud Master  
Operating Pressure: 40 psi  
Nozzle Type: conejet  
Nozzle Size: Tee-Jet TXVS 6  
Nozzle Spacing, Unit: 19in  
Ground Speed, Unit: 3 mph  
Carrier: water  
Spray Volume, Unit: 10  
Propellant: air pressure

**MATERIALS AND METHODS**

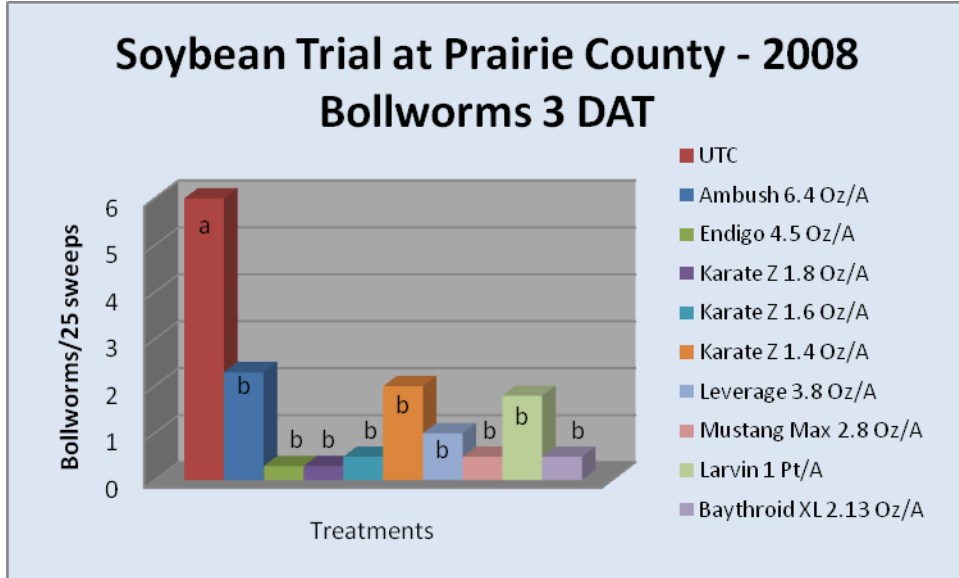
The trial was located in Prairie Co., AR. Plot size was 12.5ft. by 50ft. Insecticide treatments were applied with a Mud Master. The boom was fitted with TX6 hollow cone nozzles at 29in nozzle spacing. Spray volume was 10 gal/a, at 40 psi. Insect density was determined by counting all insects from 25 sweep net samples in each plot. Data was compared against each treatment and the check. Data was processed using Agriculture Research Manager Version 8, AOV, and Duncan's New Multiple Range Test (P=0.10).

## RESULTS

**Table 1. Efficacy of Various Insecticides for Control of Bollworms (3 DAT)**

Application Date: August 8, 2008

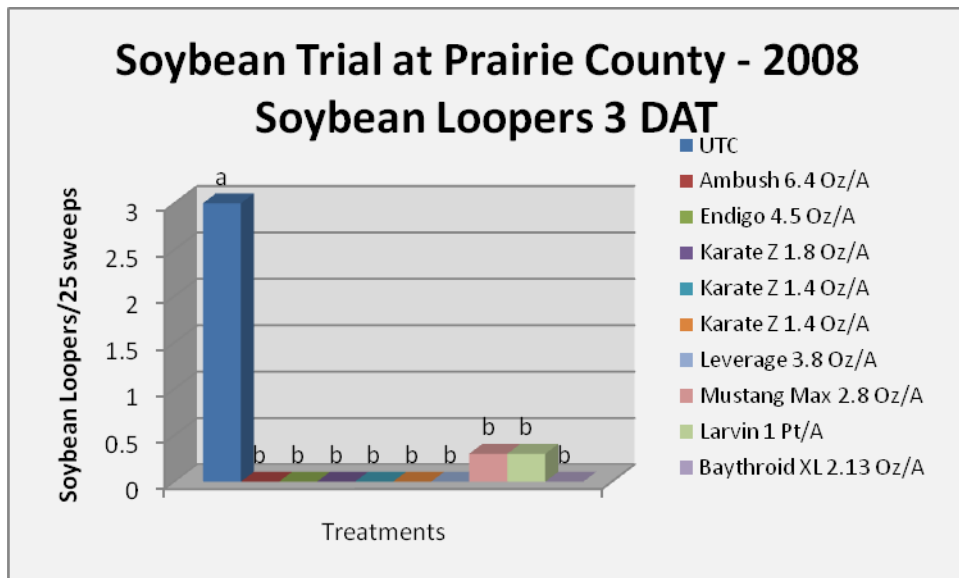
Rating Date: August 11, 2008



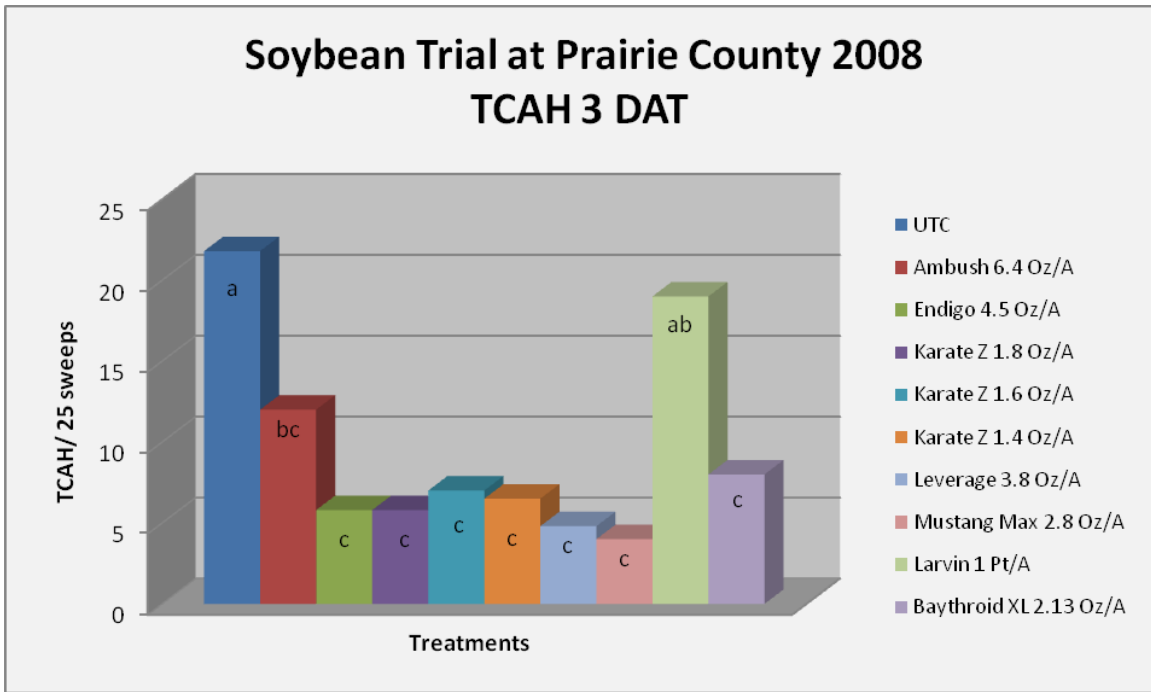
**Table 2. Efficacy of Various Insecticides for Control of Soybean Loopers (3 DAT)**

Application Date: August 8, 2008

Rating Date: August 11, 2008



**Table 3. Efficacy of Various Insecticides for Control of Three Corner Alfalfa Hoppers (3 DAT)**  
 Application Date: August 8, 2008  
 Rating Date: August 11, 2008



\* Means followed by same letter do not significantly differ (P=.10)