

**Project Code: N/A**

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

**GENERAL TRIAL INFORMATION**

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

**CROP AND PEST DESCRIPTION**

Pest: Soybean Loopers, Stinkbugs  
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: September 10, 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**

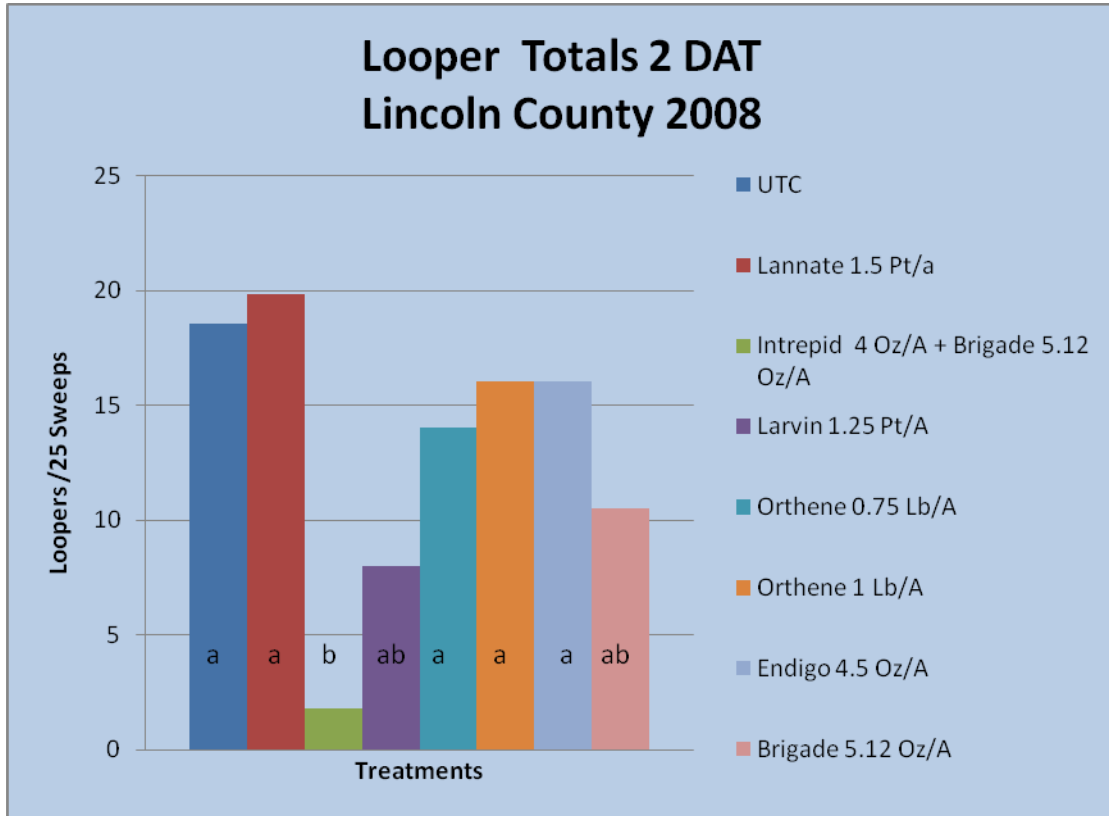
The trial was located in Lincoln Co., AR, 2008. Plot size was 12.5ft. by 50ft. Insecticide treatments were applied with a Mud Master. The boom was fitted with TX6 hollow cone nozzles at 19in nozzle spacing. Spray volume was 10 gal/a, at 40 psi. Insect density was determined by taking 25 sweeps per plot with a standard (15 in. diameter) sweep net. Samples were taken on September 12, and 17, 2008. Data was processed using Agriculture Research Manager Version 8, AOV, and Duncan's New Multiple Range Test (P=0.10).

## RESULT

**Chart 1. Efficacy of Various Insecticides for Soybean Loopers (2 DAT)**

Application Date: August 10, 2008

Rating Date: August 12, 2008

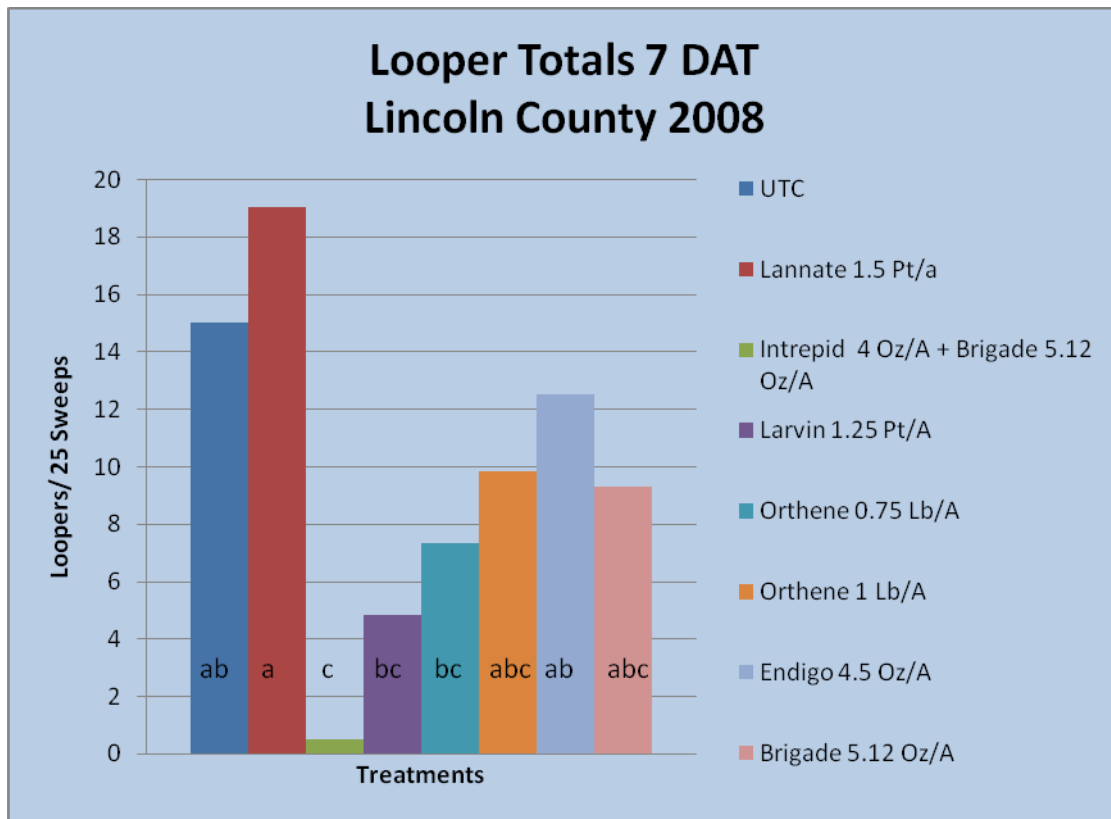


\*Means followed by same letter do not significantly differ (P=.10)

**Chart 2. Efficacy of Various Insecticides for Soybean Loopers (7 DAT)**

Application Date: August 10, 2008

Rating Date: August 17, 2008

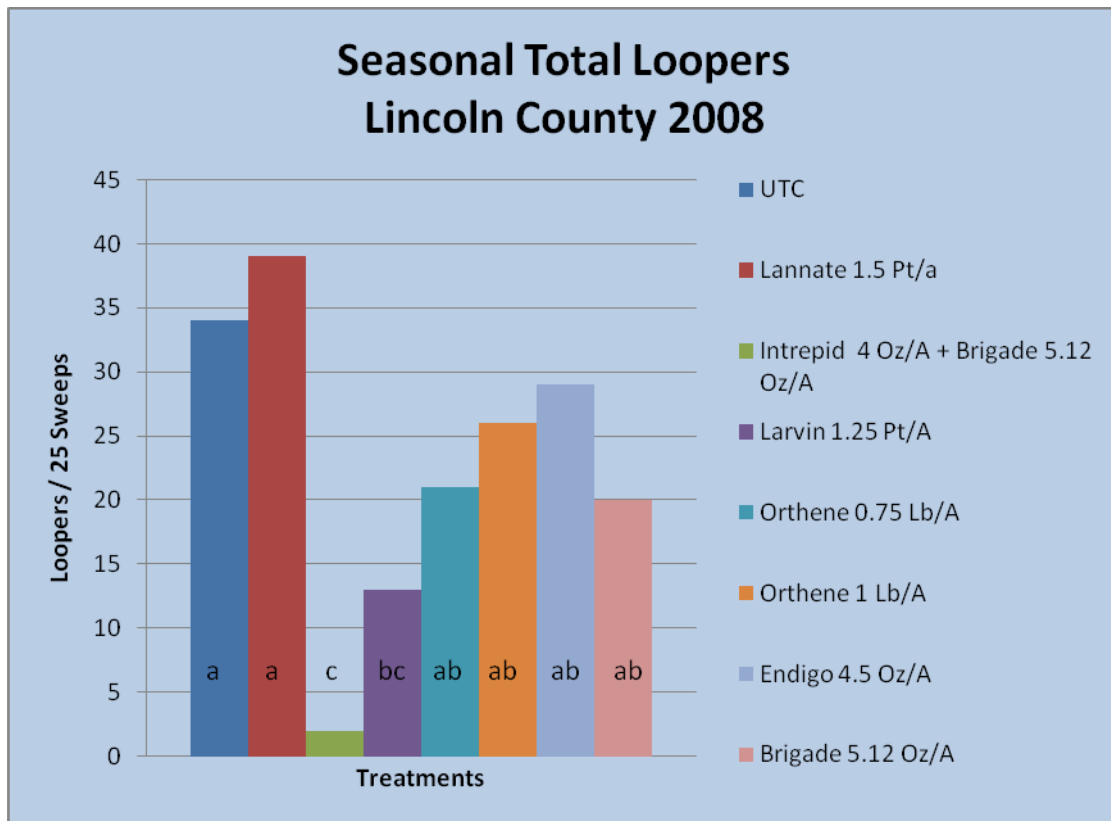


\*Means followed by same letter do not significantly differ (P=0.10)

**Chart 3. Efficacy of Various Insecticides for Soybean Loopers (Seasonal Totals)**

Application Date: August 10, 2008

Rating Date: August 12 and 17, 2008

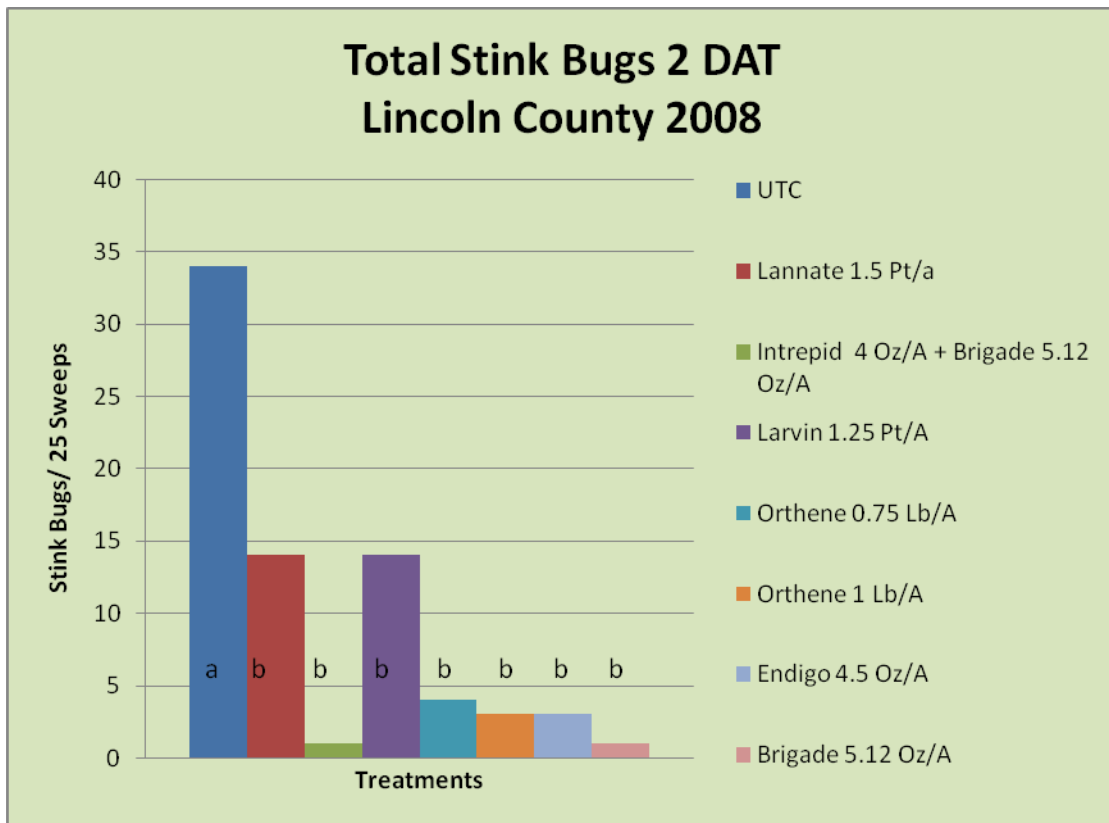


\*Means followed by same letter do not significantly differ (P=.10)

**Chart 4. Efficacy of Various Insecticides for Soybean Stink Bugs (2 DAT)**

Application Date: August 10, 2008

Rating Date: August 12, 2008

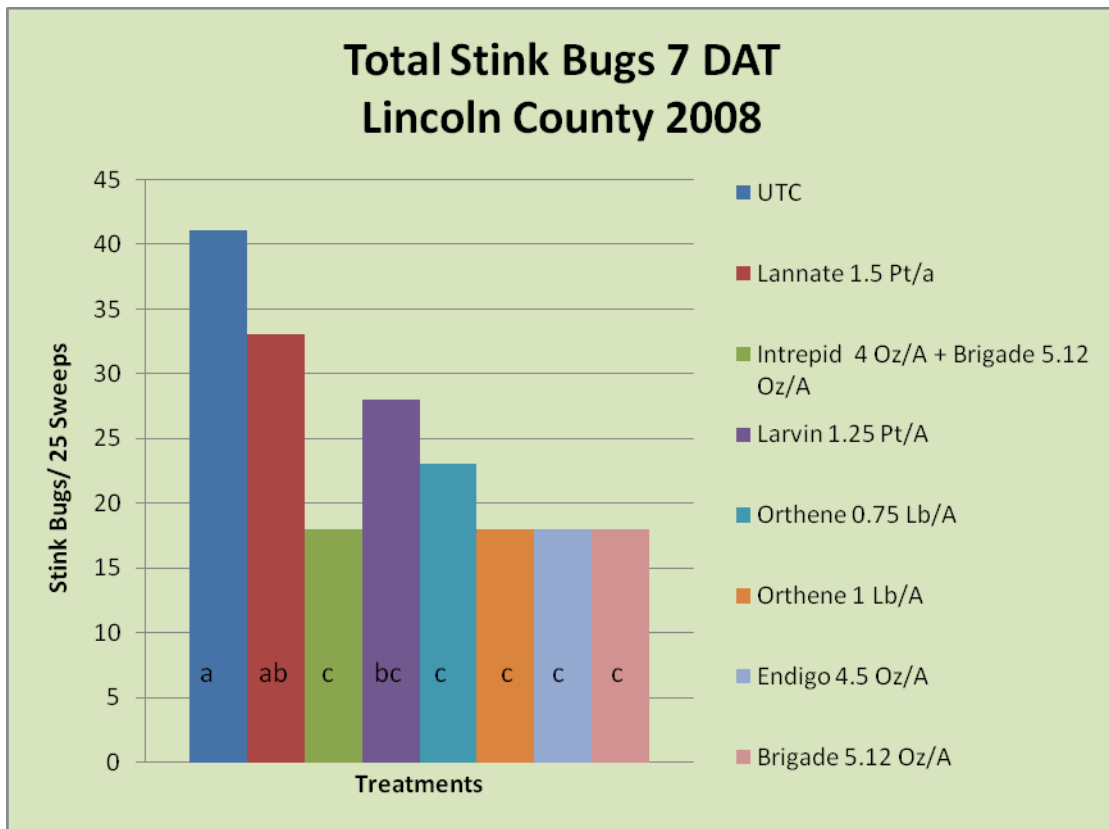


\*Means followed by same letter do not significantly differ (P=.10)

**Chart 5. Efficacy of Various Insecticides for Soybean Stink Bugs (7 DAT)**

Application Date: August 10, 2008

Rating Date: August 17, 2008



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

**Chart 6. Efficacy of Various Insecticides for Stink Bugs (Seasonal Totals)**

Application Date: August 10, 2008

Rating Date: August 12 and 17, 2008

