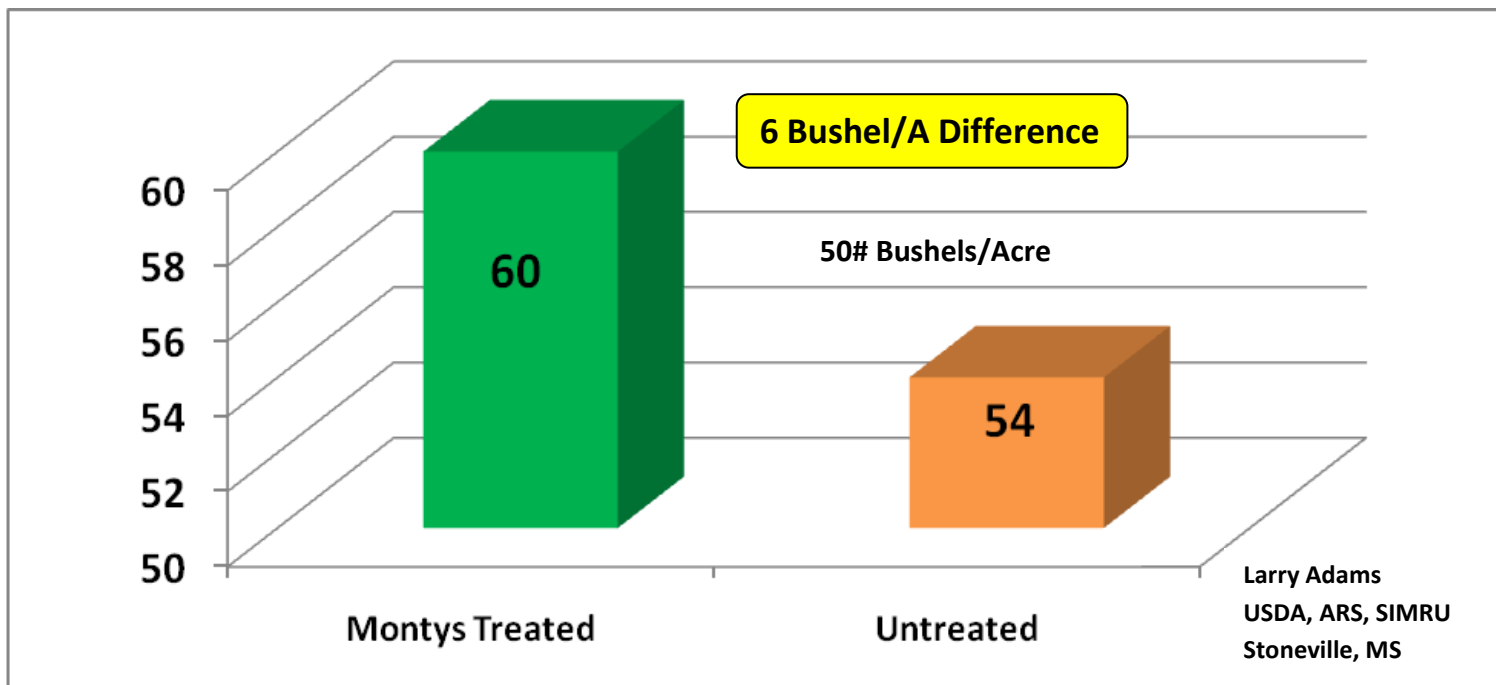




# 2010 Monty's Plant Food Study

## USDA Soybean Yield



### Research Plot Design

The plots were replicated four times with four rows x 50'. A Group 4 variety, Pioneer 94B73 RR, was planted on 4/19/2010 using 40" row spacing. A plant population count of 100,000 plant/Acre was recorded on 5/6/2010. Plots were harvested on 9/6/2010.

### Insect Sampling

Sweep Net samples were taken weekly using a 15" sweep net with 100 sweeps at intervals of 25. Insect populations were recorded and treatments applied as needed.

### Insecticide Treatments

*Bidrin* @ .4 ai/A was applied to all plots on 5/4/2010. *Bidrin* @ .4 ai/A was applied to all plots on 5/18/2010. *Bidrin* @ .4 ai/A was applied to all plots on 6/15/2010. *Orthene* @ .75 ai/A was applied on 6/21/2010. *Orthene* @ .75 ai/A was applied on 6/29/2010. *Orthene* @ .10 ai/A was applied on 8/5/2010.

### Herbicide Treatments

*Ignite* @ 28 oz/A was applied on 4/15/10. *Roundup* @ 24 oz/A was applied on 6/15/10. *Select* @ 12 oz/A was applied on 6/24/10. *Aim* @ 1.0 oz/A was applied on 8/23/10.

### Monty's Foliar Feed Treatments

24 oz/A of 8-16-8 plus 16 oz/A of Liquid Carbon – V3 Growth Stage – 5/18/10  
 32 oz/A of 8-16-8 plus 16 oz/A of Liquid Carbon – R1 Growth Stage – 6/7/2010  
 24 oz/A of 2-15-15 plus 16 oz/A of Liquid Carbon – 6/21/2010

USDA Grain Inspection Service, Stoneville, MS	
Moisture – 11.6%	
Damaged Soybeans – 1.3%	Split Soybeans – 4.3%
Foreign Matter – 2.4%	