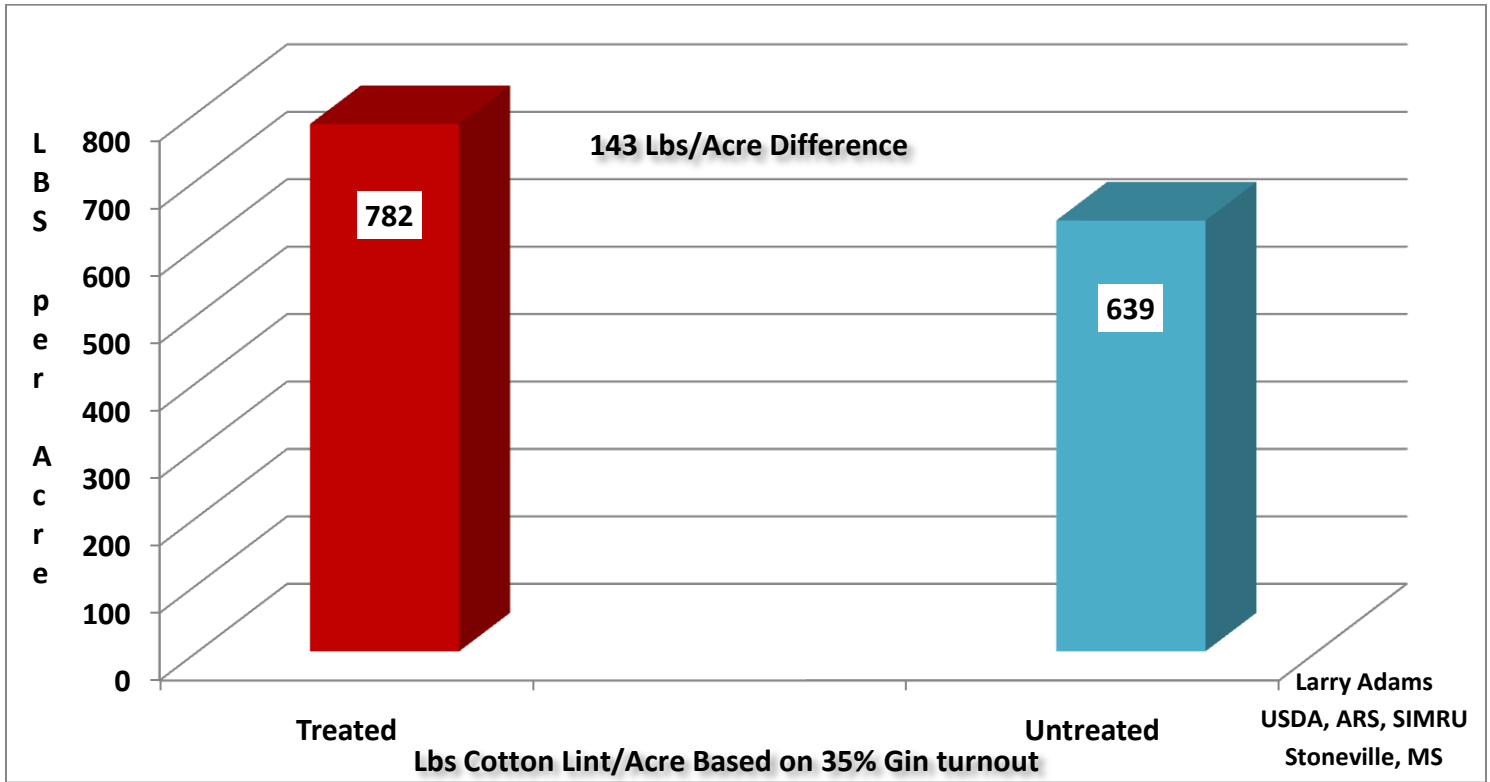




2009 Monty's Plant Food Study

USDA Cotton Yield Data



Research Plot Design for Cotton

The Cotton plots were replicated four times with four rows x 60'. The variety, ST4498B2RF, was planted on 6/1/09 using 40" row spacing. A plant population count of 52,000 plants/acre was recorded on 6/8/09. Plots were harvested on 11/20/09.

Monty's Foliar Feed Cotton Treatments

- 24 oz/A of 8-16-8 plus 16 oz/A of Liquid Carbon – 4th Leaf Stage – 6/16/09
- 32 oz/A of 8-16-8 plus 16 oz/A of Liquid Carbon – Pin-Head Square Stage - 7/2/09
- 24 oz/A of 2-15-15 plus 16 oz/A of Liquid Carbon – Early Bloom Stage – 8/6/09
- 24 oz/A of 2-15-15 plus 16 oz/A of Liquid Carbon - Early Boll Set Stage - 8/20/09

Insecticide Treatment

Bidrin @ .20 ai/A was applied on 6/16/09. *Vydate* @ .33 ai/A plus *Pentia* @ 16 oz/A was applied at pin-head square on 7/1/09. *TriMax Pro* @ .05 ai/A plus *Diamond* @ .04 ai/A was applied on 7/6/09. *Bidrin* @ .50 ai/A plus *Diamond* @ .04 ai/A plus *Baythroid* @ .025 ai/A was applied on 8/5/09. *Bidrin* @ .50 ai/A was applied on 8/11/09. *Mustang Max* @ .02 ai/A plus *TriMax Pro* @ .05 ai/A plus *Pix* @ 16 oz/A was applied 8/16/09. *Orthene* @ .50 ai/A plus *Asana XL* @ .05 ai/A was applied 8/25/09. *Intrepid* @ .156 ai/A plus *Brigade* @ .10 ai/A plus *Bidrin* @ .50 ai/A was applied on 9/11/09. *Mustang Max* @ .02 ai/A plus *Bidrin* @ .50 ai/A was applied 9/25/09.

Herbicide Treatments

Roundup @ 24 oz/A was applied 6/16/09. *Staple* @ 2 oz/A plus *MSMA* @ 1 pt/A was applied 7/6/09.

Fertilizer – 100 units of ammonia nitrate was applied to all plots