



Huma® Breakout® Increases Cotton Production 15% for Johnson Farms

Field Trial

Conducted by: Johnson Farms, Inc., Glendale, Arizona.
Huma® Products: Breakout®

Objective

A field trial was conducted to compare using the treatment product Furst™ alone versus using Huma® Breakout® + Furst™ on a Johnson Farms Inc. cotton crop in Glendale, Arizona.

Materials & Methods

A field of cotton was split into two sections. Section 1 (35.01 acres) was treated with 32 ounces (1 quart) of Furst™ per acre on June 23, 2011. Section 2 (13.60 acres), was treated with 32 ounces (1 quart) of Breakout® on June 23, 2011 also. Section 2 was treated on July 7, 2011 with 32 ounces (1 quart) of Furst™. Both sections were picked on October 26, 2011, and yield (both lint and seed) was compared.

Results

Section 2 (13.60 acres) using Huma® Breakout® yielded 191 lbs more lint per acre and 513 lbs of additional seed cotton per acre—a 15% lint yield increase over Section 1. Also, the turnout was 34.4% for Section 1 and 34.7% for Section 2 with Breakout®.

Conclusions

Based on the results of this field trial, cotton treated with Breakout® produces notably more lint and seed than an enhancer used alone.

For just \$6.50 more per acre, total cotton yield was an additional 191 pounds of lint per acre, and 513 more pounds of seed cotton per acre.

Product Notes

Huma® Breakout® is a unique blend of nutrients, polysaccharides, and carbohydrates that balances the energy and hormonal production of the plant for cellular expansion during bud initiation and fruiting resulting in a heavier, more uniform set. It can also be used as a root stimulant when soil applied.

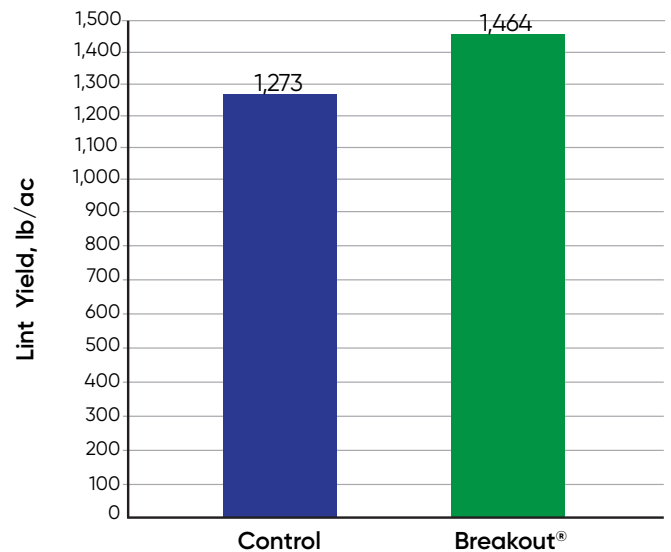


Figure 1. Total Cotton Lint Yield per Acre (pounds), Control vs. Breakout® x 1 Application.

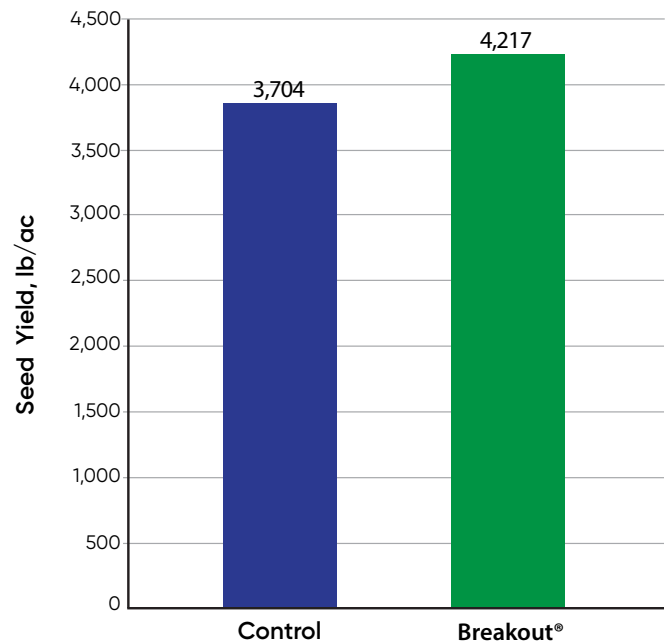


Figure 2. Total Cotton Seed Yield per Acre (pounds), Control vs. Huma® Breakout® x 1 Application.