

## Sayer Farms - Cotton Trials - Irwin Co.

Conducted On Two Dry Land Test Plots (2.5 weeks with no rain)  
 Same Soil Type for Both Plots (across dirt road from each other)

**Plot A) GENESIS with Sumagrow test plot** **7.55 acres**  
 Applied ½ gal. Sumagrow per acre along with reflex after planting  
 Applied ½ gal. Sumagrow per acre 5 weeks later over top spray (**1.0 gallon total per acre**)

Applied 20 gal. nitrogen per acre at layby and 15 gal. nitrogen per acre after planting (total **35gal**)  
 Applied 2 tons chicken litter and 150 lbs per acre of potash (preplant) per acre.

<b>Total Lint</b> : 9952 lbs. <u>Divided by 7.55 acres</u> <b>1318 lbs per acre</b>	<b>Total Seed:</b> 11,443 lbs <u>Divided by 7.55 acres</u> <b>1515 lbs per acre</b>
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**Plot B) STANDARD (Untreated) test plot** **15.76 acres**  
 Applied 85 lbs total nitrogen per acre  
 Applied 2 tons chicken litter per acre and 150 lbs potash per acre

<b>Total Lint:</b> 16279 lbs <u>Divided by 15.76 acres</u> <b>1032 lbs per acre</b>	<b>Total Seed:</b> 18719 lbs <u>Divided by 15.76 acres</u> <b>1187 lbs per acre</b>
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### Net Production and Profit Comparison

- **Lint: Genesis gain**  
 1318 lbs - 1032 lbs = **286 lbs per acre** x .84 per lb.(1/02/14) = **\$240.24**

- **Seed: Genesis gain**  
 1515 lbs – 1187 lbs = **328 lbs per acre** x 10.5 cents = **34.44**

- **Nitrogen: Reduction with Genesis** = **60.00**

<b>Total Dollar GAINS from Genesis per acre</b>	<b>\$334.68</b>
Less Cost of Sumagrow(1 gallon)	<u><b>42.00</b></u>

**Additional Profit PER ACRE with Sumagrow \$ 292.68**

\*\*\* Plus Bale Value Comparison . . .