

TRIAL RESULTS

EXECUTIVE SUMMARY

COTTON - LOUISIANA

Research on the effect of products containing SumaGrow® on Cotton at the LSU AG Center Research Station in St. Joseph, Louisiana



LBS. LINT COTTON PER ACRE

Treatment:	Machine Harvested	Hand Harvested	Lbs/AC Main Axis
SumaGrow® + <i>Grower Standard</i>	807	1093	969
SumaGrow® + <i>50% grower standard</i>	828	1126	901
SumaGrow® + <i>25% grower standard</i>	861	1022	949
SumaGrow®	790	965	789
Grower Standard	798	1122	864
Control (<i>no treatment</i>)	774	748	686

CONCLUSION:

The use of SumaGrow® in combination with a 75 percent reduced standard fertility program increased production per acre by 63 lbs. over the grower standard in the machine harvested trial. The 50 percent reduction of fertilizer plus SumaGrow® produced 30 lbs. per acre more than the grower standard in the machine harvested trial. There were significant improvements in plant development and sizing. In conclusion, all treatments containing SumaGrow® improved cotton yield, reduced fertilizer rates, and affected maturity.

PRIMARY POINTS:

Crop: Cotton
Location: LSU AG Center Research Station, St. Joseph, LA
Trial Date: 2013

TREATMENT APPLICATION:

SumaGrow: 1 gallon at planting
Grower Standard: 250 lbs. of 0-20-20 and 150 lbs. ammonium nitrate

