

# TRIAL RESULTS

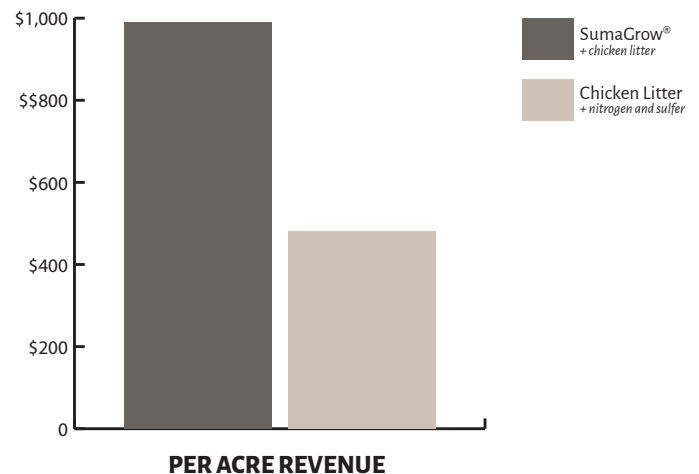
## EXECUTIVE SUMMARY

# COTTON-NORTH CAROLINA



Research on the effect of products containing SumaGrow® on Cotton in Tarboro, North Carolina

RESULTS			
Treatment	Yield (lbs/acre)	Value paid (for quality of cotton)	Total paid (for yield and quality)
SumaGrow® + chicken litter	1,079.49	\$0.92	\$989.55
Chicken Litter + nitrogen & sulfur	915.58	\$0.52	\$189.49
Increase	+16.9%	+77%	+106%



### PRIMARY POINTS:

These results show the yield and quality increase on a 138 acre cotton farm in Northeast, North Carolina. The cotton farmer also raises chicken, so approximately 13 tons of chicken litter was applied. A product containing SumaGrow® was used on 65 acres with no additional fertilizer while the remaining 73 acres were treated with chicken litter, 40 units of nitrogen and 25 units of sulfur fertilizer per acre.

The Bale analysis report shows the quality of the SumaGrow® treated cotton was substantially better than the control. Higher grade, higher strength and lower percentage trash in the treated acreage led to 92 cents per pound versus only 52 cents per pound on the control acreage, an increase of 77 percent.

