Nebraska On-Farm Research Network

Bt Corn vs. Non-Bt Corn

Study ID: 128053199701

County: Dodge
Year: 1997

OBJECTIVE: To determine and document the effect of using Bt com on the profitability of com production.

NON-Bt CORN		Bt CORN	
Treatment:		Treatment:	
Plant non-Bt corn		Plant Bt com	
Apply insecticide		Apply insecticide	
Comparative cost (per acre)		Comparative cost (per acre)	
Seed	$29.10	Seed	$39.00

RESULTS

Moisture (%)		
Non Bt		20.1**
Bt		18.8
Test Weight (pounds/bushel)		
Non Bt		*NIA*
Bt		*NIA*
Yield (bushel/acre @ 15.5%)		
Non Bt		158***
Bt		200
Population (plants/acre)		
Non Bt		N/A
Bt		N/A

*** significantly different at 99% confidence level

Summary: In 1997, using the Bt hybrid gave a higher yield and lower moisture at harvest.

Nebraska Soybean & Feed Grains Profitability Project