



# 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 corn on the profitability of corn production.

NON-Bt CORN  
Treatment:  
Plant non-Bt corn  
Apply insecticide

Bt CORN  
Treatment:  
Plant Bt corn  
Apply insecticide

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Comparative cost (per acre)

Seed \$29.10

Comparative cost (per acre)

Seed \$39.00

### RESULTS

Moisture (%)

Non Bt

20.1\*\*

Bt

18.8

Test Weight (pounds/bushel)

Non Bt

N/A

Bt

N/A

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**



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