



# Nebraska On-Farm Research Network

## Non-Bt Corn vs. Bt Corn

Study ID: 064109199801

### *County: Lancaster*

OBJECTIVE: To determine and document the effect of using non-Bt corn vs. Bt corn on the profitability of corn production.

TREATMENTS: 1998

	<u>Cost</u>
Non-Bt (Pion. 3489)	\$27.99
Bt (Pion. 34R06)	\$36.69

RESULTS:

Moisture	(%)
Non Bt	17.8
Bt	18.6**
Yield	(bu/ac @ 15.5%)
Non Bt	169
Bt	173
Test Weight	(lbs/bu)
Non Bt	55.7
Bt	54.4**
Plant Population	(plants/acre)
Non Bt	20,300
Bt	20,700

\*\* significantly different at 95% confidence level

**Summary:** In 1998, insect population was too low to warrant insecticide application on the non Bt hybrid. There was no significant difference in yield between the two hybrids. The grain of the Bt corn was wetter at harvest and had a lower test weight.

## Nebraska Soybean & Feed Grains Profitability Project



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