



Nebraska On-Farm Research Network

Year: 2000

Title: Non-Bt Corn vs. Bt Corn

Crop: Corn

Study ID: 064109200001

County: Lancaster

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

Treatments: Non-Bt Corn vs. Bt Corn.

Nebraska Soybean & Feed Grains Profitability Project



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

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Results:

	<u>Variable</u>	<u>Non-Bt</u>	<u>Bt</u>	<u>Prob >F</u>
		<u>Pion. 33G26</u>	<u>Pion 33G27</u>	
2000	Yield, bu/ac at 15.5%	134	134	0.97 ns
	Moisture %	13.9	15.2	0.004***
	Test Wt., lbs/bu	60.2	60.6	0.011**
	Population	22,400	23,100	0.28 ns
	Cost	\$31.83	\$38.29	

Summary: In 2000, insect population was too low to warrant insecticide application. 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.

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