



# Nebraska On-Farm Research Network

**Years:** 2002

**Title:** Controlling Seedling Insects

**Crop:** Corn

**Study ID:** 129023200201

**County:** Butler

**Objective:** To determine and document the effect of  
of controlling seedling insects on the  
profitability of corn production

**Treatments:** No insecticide vs. Half-rate of Aztec insecticide  
in furrow vs. Full-rate of Aztec in furrow.

## 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: 2002 Corn (Pioneer 33B51)**

<u>Treatment</u>	<u>Yield,</u> <u>bu/ac at 15.5%</u>	<u>Moisture</u> <u>%</u>	<u>Test Wt,</u> <u>lbs/bu</u>	<u>Plants</u> <u>1000 plants/ac</u>	<u>Cost</u> <u>\$/ac</u>
None	231**	16.8	60.1	25.4	-----
Half Rate	235	16.8	60.2	25.0	4.17
Full Rate	234	16.8	60.0	25.0	8.34

## **Statistical Analysis: (Prob > F)**

Treatments	0.1007	0.914 ns	0.789 ns	0.795 ns
None vs. Half	0.0395**	1.000 ns	0.736 ns	0.607 ns
Half vs. Full	0.4042 ns	0.722 ns	0.505 ns	0.917 ns

**Summary:** In 2002, the Half Rate of Aztec increased yield significantly.

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