



# Nebraska On-Farm Research Network

**Year:** 2001

**Title:** Controlling Seedling Insects

**Crop:** Corn

**Study ID:** 129023200101

**County:** Saunders

**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**



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## Results: 2001 Corn

<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	212	15.9	59.4	26.3	-----
Half Rate	213	16.0	59.4	26.8	6.30
Full Rate	215	15.9	59.5	26.2	12.60

## Statistical Analysis: (Prob > F)

Treatments	0.019**	0.759 ns	0.689 ns	NA	
None vs. Half	0.443 ns	0.715 ns	0.670 ns	----	
Half vs. Full	0.026**	0.471 ns	0.403 ns	----	

**Summary:** In 2001, the application of Aztec insecticide at planting increased grain yield slightly, but significantly; however, the full rate was needed.