



# Nebraska On-Farm Research Network

**Years:** 2004

**Title:** Controlling Seedling Insects

**Crop:** Corn

**Study ID:** 129023200401

**County:** Butler County

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

**Treatments:** In 2004, treatments were no insecticides vs.  $\frac{1}{2}$  rate  
Capture in furrow vs. low level Cruiser seed  
treatment vs. full rate Cruiser seed treatment.

## 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: 2004 Corn (Pio 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/ac</u>	<u>Cost</u> <u>\$/ac</u>
No Insect.	231	17.5	59.3	26.2	\$0.00
Capture 1/2	233	17.7	59.3	28.0	\$7.52
Cruiser 1/2	232	17.5	59.5	27.8	\$3.27
Cruiser 1	232	17.8	59.5	27.6	\$4.65

## Statistical Analysis: (Prob > F)

Treatments	0.118 ns	0.0016 ***	0.500ns
None vs. Rest	0.036 **	0.0174 **	0.291 ns
Capture 1/2 vs. Cruiser 1/2	0.241 ns	0.0074 ***	0.345 ns
Cruiser 1/2 vs. Cruiser 1	0.749 ns	0.0007 ***	1.000 ns

**Summary:** In 2004, yield increases from insecticide were slight. Yield from the no insecticide treatment was slightly lower than from the insecticide treatments; however, there was no difference between insecticide treatments. Grain moisture at harvest was slightly higher from Capture ½ rate and Cruiser full rate.

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