EXTENSION

Nebraska On-Farm Research Network

Years:	**2002**
Title:	**Controlling Seedling Insects**
Crop:	**Corn**
Study ID:	**048053200202**
County:	**Dodge**

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

Treatments: **2002 – No Till vs. Tillage and planting with non-treated seed vs. Gaucho-treated seed.**

Nebraska Soybean & Feed Grains Profitability Project

University of Nebraska Lincoln

Nebraska On-Farm Research Network

Results: **2002**

Treatment	Yield, bu/ac At 15.5%	Moisture, %	Test Wt, lbs/bu	Plants, 1000/ac
No till/NT Seed	189	18.2	57.5	23.3
No till/Gaucho Seed	194	18.3	57.4	22.1
Tilled/NT Seed	195	18.1	57.6	24.9
Tilled/Gaucho Seed	200	17.8	57.5	26.9

Statistical Analysis: (Prob > F)

Tillage (T)	0.030 **	0.138 ns	0.218 ns	0.001 ***
Seed Treat (S)	0.002 ***	0.627 ns	0.317 ns	0.678 ns
TXS	0.842 ns	0.288 ns	0.937 ns	0.1001 ns

Summary: **In 2002, tillage increased grain yield and plant population significantly. Gaucho increased grain yield with and without tillage.**

Nebraska Soybean & Feed Grains Profitability Project