



# Nebraska On-Farm Research Network

**Year:** 2005

**Title:** Broadcast 11-52-0 on No-till

**Crop:** Corn/Soybean Rotation

**Study ID:** 104025200501

**County:** Cass

**Objective:** To determine and document the effect of 11-52-0 broadcast surface applied prior to planting on the profitability of corn and soybean production.

**Treatments:** No phosphorus fertilizer vs. 100 lbs/ac 11-52-0 broadcast prior to planting.

**Soil Test:** 2004 pH 6.2, O.M. 2.9%, Phos 18 ppm

## 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: 2005 (Mycogen A812) Corn**

<u>Variable</u>	<u>None</u>	<u>11-52-0</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac at 15.5%	177	179	0.166 ns
Moisture, %	13.9	13.9	1.000 ns
Test Wt, lbs/bu	59.9	60.1	0.052 *
Cost/ac	----	\$13.00	

**Summary:** In 2005, the application of 11-52-0 resulted in a slight increase in test weight.

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