



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



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Results: 2005 (Mycogen A812) Corn

<u>Variable</u>	<u>None</u>	<u>11-52-0</u>	<u>Prob >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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