



# Nebraska On-Farm Research Network

**Year:** 2004

**Title:** Non-Irrigated Corn Plant Population

**Crop:** Corn

**Study ID:** 001155200401

**County:** Saunders

**Objective:** To determine and document the effect of plant population on the profitability of non-irrigated corn production

**Treatments:** Plant one hybrid at two different densities (2004- Low @ 21,300 and High @ 26,700 seeds/acre)

## 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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	<u>Variable</u>	<u>Low Pop.</u>	<u>High Pop.</u>	<u>Prob &gt;/T/</u>
<b>2004</b>	Yield, bu/ac at 15.5%	170	181	0.070 *
	Moisture, %	14.1	14.1	0.847 ns
	Test Wt, lbs/bu	57.8	58.6	0.144 ns
	Plants, 1000 /ac	19.7	25.3	0.0035 ***
	Seed Cost/ac	\$25.76	\$32.17	-----
	(LG2587 CL Poncho 250)			

**Summary:** Grain yield was increased by higher planting rate in 2004.

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