



# Nebraska On-Farm Research Network

**Year:** 2002

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

**Crop:** Corn

**Study ID:** 067155200201

**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 three different densities (Low @19,200, Medium @ 21,900, and High @ 24,500 seed per 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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## **Results:**

	<u>Variable</u>	<u>Low Pop.</u>	<u>Med. Pop.</u>	<u>High Pop.</u>	<u>Prob &gt; F</u>
<b>2002</b>	Yield, bu/ac at 15.5%	94	94	94	0.984 ns
	Moisture, %	16.6	16.8	16.9	0.285 ns
	Plant Pop., 1000 plants/ac	17.9	20.4	22.5	<0.0001 ***
	Seed Cost/ac	\$19.08	\$21.76	\$24.35	

**Summary:** Grain yields and grain moisture at harvest were not influenced by planting rate in 2002.

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