



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 >/T/</u>
2004	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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