



Nebraska On-Farm Research Network

Year: 2001

Title: Non-Irrigated Corn Plant Population

Crop: Corn

Study ID: 082155200102

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
(Low @ 21,300 and High @ 26,650 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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Results:

	<u>Variable</u>	<u>Low Pop.</u>	<u>High Pop.</u>	<u>Prob >/T/</u>
2001	Yield, bu/ac at 15.5%	121	120	0.312 ns
	Moisture, %	15.2	15.2	0.811 ns
	Plant Pop., 1000 plants/ac	17.3	22.0	0.0001 ***
	Seed Cost/ac (LG2610BT)	\$26.93	\$33.65	

Summary: In 2001, plant population had no effect on grain yield or grain moisture at harvest.