EXTENSION

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

University of Nebraska Lincoln

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Results:

	Variable	Low Pop.	Med. Pop.	High Pop.	Prob > F
2002	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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