



Nebraska On-Farm Research Network

Years: 2013
Title: Population
Crop: Corn
County: Jefferson
Study ID: 0030905201301
Objective: To determine and document the effect of population on the profitability of corn production.
Treatments: 32k, 36k, 40k



Sponsored by:



In partnership with:



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.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.



Nebraska On-Farm Research Network

Results: 2013

Corn-Population

	Yield	Moisture	TW	HPOP	Cost/A
32k	233.4 A	16.7 A	60.3 AB	27.2k C	\$ 94.80
36k	236.1 A	16.6 A	59.7 B	30.2k B	\$ 106.65
40k	241.8 A	16.6 A	61.0 A	33.6k A	\$ 118.50
Prob>/T/	ns	ns	.1009	0.0007	

Notes: Planted 4/30/13 - Channel 215-52, No-Till, 160 lbs NH3 10/31/12, 5 gal 10-34-0 4/30/13 in -furrow. 30" rows, Seed depth 2.75".

SUMMARY: The increase in seeds planted per acre did not result in a significant yield increase. The increase in plant population did however increase the seed cost per acre.

Sponsored by:



In partnership with:



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.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.