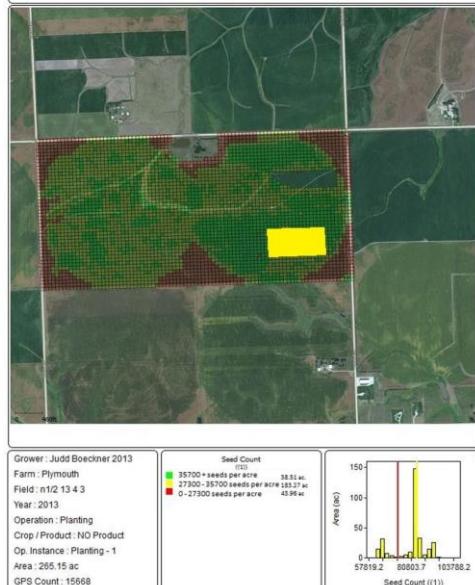




Nebraska On-Farm Research Network

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

Planting 2013 - n1/2 13 4 3



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N EXTENSION

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.

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