



Nebraska On-Farm Research Network

Years:	2011
Title:	Plant Population
Crop:	Corn
Study ID:	027025201101
County:	Cass
Objective:	To determine & document the effect of plant population on the profitability of corn production.
Treatments:	24,000 seeds vs 30,000 seeds

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: 2011	Corn	(Dekalb DKC65-63)	
		Planting Rate	
<u>Variable</u>	<u>24,000</u>	<u>30,000</u>	<u>Prob >T/</u>
Yield, bu/ac @ 15.5%	125	150	0.0001 ***
Moisture, %	15.2	15.0	0.2322 ns
Cost/ac	\$75.27	\$94.12	

Planting Date: 5/7/11

Harvesting Date: 10/10/11

Summary: The higher plant population resulted in a statistically significant higher grain yield and profit per acre for 2011.

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