



# Nebraska On-Farm Research Network

<b>Years:</b>	2011
<b>Title:</b>	Plant Population
<b>Crop:</b>	Corn
<b>Study ID:</b>	027025201101
<b>County:</b>	Cass
<b>Objective:</b>	To determine & document the effect of plant population on the profitability of corn production.
<b>Treatments:</b>	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 &gt;/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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