



Nebraska On-Farm Research Network

Years: 2004

Title: Narrow Row Corn Production

Crop: Corn

Study ID: 064109200401

County: Lancaster

Objective: To determine and document the effect of narrow rows on the profitability of non-irrigated corn production.

Treatments: 30 inch rows vs. 15 inch rows.

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: 2004 (Pio 34M93)

<u>Variable</u>	<u>30"</u>	<u>15"</u>	<u>Prob >/T/</u>
Yield, bu/ac at 15%	182	172	0.0009 ***
Moisture, %	17.1	17.3	0.0013 ***
Plants, 1000/ac	23.3	21.0	0.0079 ***
Cost/ac seed cost/ac	\$38.24	\$38.34	

Summary:

Grain yield was lower and grain moisture at harvest higher where 15 inch rows were used in 2004. Plant population was significantly lower in the 15 inch rows which might account for the lower yield.

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