



# Nebraska On-Farm Research Network

Row Spacing for Corn  
Study ID: 092155199601  
Study Year: 1996  
County: Saunders

OBJECTIVE: To determine and document the effect of narrow rows vs. wide rows on the profitability of corn.

## WIDE ROWS

Plant 30" rows

Comparative cost (per acre)

Custom Rate Charge \$9

## NARROW ROWS

Plant 15" rows (split 30" rows)

Comparative cost (per acre)

Custom Rate Charge \$18

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### Moisture (%)

Wide

15.2 \*\*

Narrow

15.5

### Test Weight (pounds/bushel)

Wide

58.6 \*\*\*

Narrow

58.0

### Yield (bushel/acre @ 15.5%)

Wide

128

Narrow

140

### Population (plants/acre)

Wide

15,500 \*\*\*

Narrow

23,400

\*\* significantly different at 95% confidence level

\*\*\* significantly different at 99% confidence level

Summary: Grain yield was not significantly affected by row spacing ( $\text{Prob} > [T] = 0.11$ ) even though there was a difference in plant population. Grain moisture was lower and test weight was higher at the lower population in the wider rows.

**Nebraska Soybean & Feed Grains Profitability Project**



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