

Nebraska On-Farm Research Network

Narrow vs. Wide Row

Study ID: 070155199201

County: Saunders Year: 1992

OBJECTIVE: To determine and document the profitability of narrow (7") versus wide rows (30").

NARROW ROWS (7") WIDE ROWS (30")

Treatment: Treatment:

Disk/PPI Disk/PPI

Field Cultivate Field Cultivate

Herbicide: 0.33 pints Scepter, 1 pint Prowl Herbicide: 0.33 pints Scepter, 1 pint Prowl

and an additional 1 pint Prowl. and an additional 1 pint Prowl.

Drill: 77 pounds per acre. Drill: 62 pounds per acre.

Rotary Hoe Cultivate

Comparative cost ((per acre)	Comparative cost ((per acre)
Seed Operations	\$13.90 \$42.00	Seed Operations	\$11.10 \$43.70
Total	\$55.90	Total	\$54.80

Nebraska Soybean & Feed Grains Profitability Project



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VARIABLE 1992

Early population

Narrow row 150,000 ** Wide row 92,000 **

Final population

Narrow row 25,000 ** Wide row 45,000 **

Population loss

Narrow row 83.3% Wide row 50.9%

Plant height

Narrow row 32.9" Wide row 34.5"

Pod height

Narrow row 2.8" **
Wide row 2.0" **

Moisture

Narrow row 11.4% **
Wide row 11.5%

Test weight

Narrow row 53.1 * Wide row 52.3 *

Yield (13 %)

Narrow row 39.7 **
Wide row 31.7

* significantly different at 95% confidence level significantly different at 99% confidence level

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