



# Nebraska On-Farm Research Network

## Narrow vs. Wide Row

Study ID: 070155199101

County: Saunders

Year: 1991

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

### NARROW ROWS

Treatment:

Discing: incorporation of 1 pint Prowl  
and 0.33 pint Scepter

Field cultivation

Drilling: planting rate of 77 pounds per  
acre; application of 1 pint Prowl

Rouging

Costs:

Seed \$ 20.79

Operations 48.85

Comparative cost \$ 69.64

### WIDE ROWS

Treatment

Discing: incorporation of 1 pint Prowl  
and 0.33 pint Scepter

Field cultivation

Planting: planting rate of 62 pounds per  
acre; application of 1 pint Prowl

Rotary hoeing

Cultivation

Rouging

Costs:

Seed \$ 16.74

Operations 61.42

Comparative cost \$ 78.16

**Nebraska Soybean & Feed Grains Profitability Project**



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VARIABLE	1991
Early population	
Narrow row	101,000
Wide row	78,000
Final population	
Narrow row	105,000 *
Wide row	63,000
Plant height	
Narrow row	24.5"
Wide row	23.4"
Pod height	
Narrow row	3.3"
Wide row	2.8"
Moisture	
Narrow row	7.3%
Wide row	7.4%
Test weight	
Narrow row	55.5
Wide row	56.6
Yield (13%)	
Narrow row	29.4
Wide row	25.1

\* significantly different at 95% confidence level

\*\* significantly different at 99% confidence level

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