



Nebraska On-Farm Research Network

Wide vs. Narrow Soybean Rows

Study ID: 064109199301

Lancaster County

OBJECTIVE: To determine and document the profitability of wide (30 inches) versus narrow (7.5 inches) soybean rows.

NARROW ROWS

Treatment:

Disking

Disking

Herbicide: 1 quart Sonalan, 1 pint
Command, .5 ounce Fusilade
and NIS

Field Cultivation

Drill: Stine 3260, planting rate of 69
pounds per acre

Cultivation

Harvest

Costs:

Seed	\$16.49
Drilling	\$ 8.97
Comparative cost	\$25.46/acre

WIDE ROWS

Treatment:

Disking

Disking

Herbicide: 1 quart Sonalan, 1 pint
Command, .5ounce Fusilade
and NIS

Field Cultivation

Planting: Stine 3260, planting rate of
57.7 pounds per acre

Cultivation

Harvest

Costs:

Seed	\$13.79
Planting	\$ 9.08
Comparative cost	\$22.87/acre

RESULT:

	Moisture	Test weight	Yield (13%)
Drilled 3260	12.7%	53.6	47.2
Row 3260	12.7%	53.7	46.7

* significantly different at 95% confidence level

** significantly different at 99% confidence level

variety for 1993 was Stine 3260

Summary: There has not been a significant difference in yield between the row and drilled treatments in either year. Only one variety was planted in 1993. Drilled soybean seed costs have been approximately \$3.00/acre higher than the planted seed costs.

Nebraska Soybean & Feed Grains Profitability Project



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