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		WIDE ROWS	
Treatment:		Treatment	
Discing: incorporation of 1 pint Prowl and 0.33 pint Scepter		Discing: incorporation of 1 pint Prowl and 0.33 pint Scepter	
Field cultivation		Field cultivation	
Drilling: planting rate of 77 pounds per acre; application of 1 pint Prowl		Planting: planting rate of 62 pounds per acre; application of 1 pint Prowl	
Rouging		Rotary hoeing	
		Cultivation	
		Rouging	
Costs:		Costs:	
Seed	$ 20.79	Seed	$ 16.74
Operations	48.85	Operations	61.42
Compar'ative cost	$ 69.64	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