Nebraska On-Farm Research Network

Narrow vs. Wide Row Corn Spacing

Study ID: 121177199501

Year: 1995

County: Washington

OBJECTIVE: To determine and document the profitability of wide versus narrow rows in corn.

Treatment	Comparative cost (per acre)
DRILLED (7")	$8.97
18" ROWS (double plant 36" rows)	$18.16 Plant cost ($9.08 x 2)
36" ROWS (plant 36" rows)	$9.08 Plant cost

VARIABLE	
Population (plants/acre)	
36" Rows	23,600
18" Rows	23,700
7" Drilled	21,200
Moisture (%)	
36" Rows	17.6
18" Rows	17.6
7" Drilled	17.8
Test Weight (pounds/bushel)	
36" Rows	56.0
18" Rows	56.1
7" Drilled	56.0
Yield (bushel/acre @ 15.5%)	
36" Rows	96
18" Rows	93
7" Drilled	83

Summary: No significant differences were measured in 1995.

Nebraska Soybean & Feed Grains Profitability Project