



Nebraska On-Farm Research Network

Conventional Tillage vs. No-till Soybeans

Study ID: 104025199201

County: Cass

Year: 1992

Objective: To determine and document the effect on profitability of Conventional-tillage versus No-till.

CONVENTIONAL-TILLAGE

Treatment:

Field Cultivation

Herbicide: 1 quart Prowl, .9 pints
Command and .25 pints Scepter

Planting

Costs:

Operations

\$12.30

Comparative cost

\$ 14.00

NO-TILL

Treatment:

Herbicide: 1 quart Prowl, .9 pints
Command and .25 pints Scepter

Planting

Costs:

Operations

\$10.90

Comparative cost

\$10.90

Nebraska Soybean & Feed Grains Profitability Project



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska-Lincoln cooperating with the Counties and the United States Department of Agriculture.

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Final	population (seeds/acre)	
	Conventional	227,000
	No-till	236,000
Plant	height	
	Conventional	35.0"
	No-till	35.7"
Pod	height	
	Conventional	6.8"
	No-till	7.0"
Moisture (%)		
	Conventional	11.7
	No-till	11.7
Test	weight (pounds/bushel)	
	Conventional	57.0
	No-till	57.0
Yield	(13 %) (bushels/acre)	
	Conventional	54
	No-till	53

Summary: There has been no significant difference in yield between the conventional tillage and no-till treatment in 1992. The additional field cultivation in the conventional tillage treatment cost approximately \$5.81/acre.

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