



Nebraska On-Farm Research Network

No-till Corn vs. No-till Grain Sorghum on Soybean Stubble

Study ID: 089155199501

County: Saunders

Year: 1995

OBJECTIVE: To determine and document the profitability of no-till corn versus no-till grain sorghum with a soybean rotation.

NO-TILL CORN

Treatment:

Fertilize: 1995-125 pounds liquid
Fertilizer (283)

Herbicide: 1995-3.5 quarts Bullet

No-till plant

Harvest

NO-TILL GRAIN SORGHUM

Treatment:

Fertilize: 1995-125 pounds liquid
Fertilizer (283)

Herbicide: 1995-3.5 quarts Bullet

No-till Plant

Harvest

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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VARIABLE	1995
Moisture (%) .	
No-till com	17.2 +
No-till sorghum	13.1
No-till corn inside rows	17.2 +
No-till corn outside rows	17.2
No-till sorghum inside rows	13.1 +
No-till sorghum outside rows	13.1
Test weight (pounds/bushel)	
No-till corn	54.5 ***
No-till sorghum	57.5
No-till corn inside rows	54.5 ns
No-till corn outside rows	54.2
No-till sorghum inside rows	57.5 ns
No-till sorghum outside rows	57.7
Yield (com 15.5% , sorghum 143) (bushels/acre)	
No-till corn	64 ***
No-till sorghum	80
No-till corn inside rows	64 **
No-till corn outside rows	65
No-till sorghum inside rows	80 ns
No-till sorghum outside rows	79

** significantly different at 95 % confidence level

*** significantly different at 99% confidence level

+ 'no statistical analysis

ns no statistical difference

Summary: Average corn and grain sorghum yields were significantly different in 1995.

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