



# Nebraska On-Farm Research Network

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

Study ID: 089155199301

Saunders County

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

### NO-TILL CORN

Treatment:

Fertilizer: Broadcast 130 pounds UAN

Herbicide: Broadcast Bullet and 2,4-D

No-till plant

Harvest

Comparative Costs: \$0.00/acre

### NO-TILL GRAIN SORGHUM

Treatment:

Fertilizer: Broadcast 130 pounds UAN

Herbicide: Broadcast Bullet and 2,4-D

No-till Plant

Harvest

Comparative Costs \$0.00/acre

### RESULTS: 1993 #

	Moisture	Test weight	Yield
No-till corn	20.1	52.5	113 bu/ac at 15.5%
No-till sorghum	15.2	58.0	94 bu/ac at 14%

- \* significantly different at 95% confidence level
- \*\* significantly different at 99% confidence level
- # no statistical analysis

Summary: This comparison was not statistically analyzed in 1993 due to a harvest error. An interesting sideline that was statistically analyzed in this comparison was the yield difference between the inside and outside rows of the corn and sorghum treatments. The outside corn rows yielded significantly higher than the inside corn rows at a 99% confidence level (116.6 versus 108.8 bushels/acre, respectively). The grain sorghum row yields did not differ significantly.

## Nebraska Soybean & Feed Grains Profitability Project



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