



Nebraska On-Farm Research Network

FOOD-GRADE VERSUS COMMERCIAL-GRADE PRODUCTION

Study ID: 066155199101

Saunders County

1991

Objective: To determine and document the effect on profitability of food-grade soybean production versus commercial-grade soybean production.

FOOD-GRADE PRODUCTION

Treatment:

Discing

Planting: Vinton81, planting rate of 69 pounds per acre; banded application of 2.5 pints Pursuit Plus (broadcast rate)

Cultivation

Rouging

Marketing of food-grade soybeans

Costs:

Seed \$ 12.06

Comparative cost \$ 12.06

COMMERCIAL-GRADE PRODUCTION

Treatment:

Discing

Planting: Atlas 280, planting rate of 59 pounds per acre; banded application of 2.5 pints Pursuit Plus (broadcast rate)

Cultivation

Rouging

Costs:

Seed \$ 16.52

Comparative cost \$ 16.52

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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RESULTS:

Early population	
Food-grade	65000 * *
Commercial-grade	95000

Final population	
Food-grade	69000* *
Commercial-grade	94000

Population loss	
Food-grade	
Commercial-grade	0.0%

Plant height	
Food-grade	29.9"
Commercial-grade	28.8"

Pod height	
Food-grade	2.7" **
Commercial-grade	4.2"

Moisture	
Food-grade	8.1% *
Commercial-grade	8.0%

Sample weight	
Food-grade	56.5**
Commercial-grade	57.3

Yield(13%)	
Food-grade	31.5 **
Commercial-grade	39.0

* - significantly different at 95 % confidence level

** - significantly different at 99% confidence level

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