



Nebraska On-Farm Research Network

FOOD-GRADE VERSUS COMMERCIAL GRADE PRODUCTION

Study ID: 066155199001

Saunders County

1990

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

TREATMENT

FOOD-GRADE VARIETIES

Field cultivation

Planting: Vinton and Fremont; banded application of .18 pounds Preview

Cultivation

Cultivation

Chemical application with bean buggy

COMMERCIAL VARIETY

Field cultivation

Planting: Stine 3000; banded application of .18 pounds Preview

Cultivation

Cultivation

Chemical application with bean buggy

COMPARATIVE COST BUDGET

Soybean seed:

76 pounds Vinton \$15.22

=

Comparative cost \$15.22

Soybean seed:

60.5 pounds \$16.94

=

Comparative cost \$16.94

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.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.



Nebraska On-Farm Research Network

15' Stine 3000
30' Fremont
30' Stine 3000
15' Vinton/15' Fremont
30' Stine 3000
30' Vinton
30' Stine 3000
30' Vinton
-
60' Stine 3000
road

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.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.



Nebraska On-Farm Research Network

RESULTS:

Final population	
Food-grade	70000
Commercial-grade	76000
Plant height	
Food-grade	35.0" *
Commercial-grade	31.0"
Pod height	
Food-grade	2.6"
Commercial-grade	3.3"
Moisture	
Food-grade	12.3% **
Commercial-grade	11.5%
Sample weight	
Food-grade	56.2 **
Commercial-grade	57.4
Yield(13%)	
Food-grade	27.9 **
Commercial-grade	33.4

* - significantly different at 95 % confidence level

** - significantly different at 99% confidence level

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.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.