



Nebraska On-Farm Research Network

Year: 2000

Title: Late Season Nitrogen Application

Crop: Soybeans

Study ID: 057053200001

County: Dodge

Objective: To determine and document the effect of late season nitrogen fertilizer application on the profitability of producing soybeans

Treatments: No nitrogen fertilizer vs. 30 lbs/acre 28% N applied in irrigation water

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:

| | <u>Variable</u> | <u>No N</u> | <u>30# N/ac</u> | <u>Prob>F</u> |
|-------------|---------------------|-------------|-----------------|------------------|
| 2000 | Yield, bu/ac at 13% | 40 | 40 | 0.148 ns |
| | Moisture, % | 10.4 | 10.5 | 0.373 ns |
| | Cost Fertilizer | ---- | \$6.30/ac | |
| | Equipment | ---- | \$ | |
| | Total | ---- | \$ | |

Summary: The application of nitrogen fertilizer in irrigation water had no effect on soybean seed yield or seed moisture in 2000.

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