



Nebraska On-Farm Research Network

Years: 2000

Title: Late Season Nitrogen Fertilizer Application

Crop: Soybeans

Study ID: 119109200001

County: Lancaster

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

Treatments: No fertilizer vs. 45 lbs/ac N knifed into soil @ R2-R3 stage of growth vs. 90 lbs/ac N knifed into soil @ R2-R3 stage of growth

Nebraska Soybean & Feed Grains Profitability Project



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Results:

	<u>Variable</u>	<u>None</u>	<u>45</u>	<u>90</u>	<u>Prob >F</u>
Soybeans 2000	Yield , bu/ac at 13.0%	44	48	45	0.26 ns
	Moisture, %	8.7	8.7	8.7	0.83 ns
	Test Wt., lbs/bu	56.1	56.0	55.9	0.30 ns
	Cost		\$10.55	\$21.10	
			Appl. \$ <u>2.50</u>	\$ <u>2.50</u>	
		Total	\$13.05	\$23.60	

Summary: The application of nitrogen fertilizer on soybeans did not result in a significant yield increase. Additional cost of nitrogen fertilizer resulted in lower net returns for the treatments with applied nitrogen.

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