



Nebraska On-Farm Research Network

Years: 2001

Title: Late Season Nitrogen Fertilizer Application

Crop: Soybeans

Study ID: 119109200101

County: Lancaster County

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

Treatments: No fertilizer vs. 40 lbs/ac N knifed into soil @ R2-R3 stage of growth vs. 80 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>40</u>	<u>80</u>	<u>Prob >F</u>
2001	Yield , bu/ac at 13.0%	52	53	54	0.324 ns
	Moisture, %	10.8	10.9	10.8	0.235 ns
	Test Wt., lbs/bu	55.7	55.7	55.7	0.573 ns
	Cost/ac		\$10.40	\$20.80	
		Appl. <u>2.50</u>		<u>2.50</u>	
	Total	\$12.90		\$23.30	

Summary: The application of nitrogen fertilizer on soybeans had no effect on yield. The additional cost of nitrogen fertilizer resulted in lower net returns for the 40 lb N/acre and 80 lb N/acre treatments.

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