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:

	Variable	None	40	80	Prob >F
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. 2.50	2.50	
			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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