



Nebraska On-Farm Research Network

Starter Fertilizer on Soybeans

Study ID: 092155199702

Study Year: 1997

County: Saunders

OBJECTIVE: To determine and document the profitability of using starter fertilizer on soybeans. (Soil P = 17 ppm)

TREATMENTS:

<u>No Starter</u>		<u>Starter Fertilizer</u>	
Plant soybeans		Plant soybeans with 5 gal/ac 10-34-0 behind press wheels	
None	\$ 0.00	5 gal 10-34-0	\$ 6.19
		Application	<u>\$ 1.50</u>
		Total	\$ 7.69

RESULTS:

Moisture (%)

No starter	9.5
Starter	9.6

Test Weight (pounds/bushel)

No starter	55.8
Starter	55.9

Yield (bushel/acre @ 13.0%) 151,200

No starter	30
Starter	32**

Population, plants/ac

154,600

** significantly different at 95% confidence level

Summary: Soybean seed yields were increased by starter fertilizer in 1997.

Nebraska Soybean & Feed Grains Profitability Project



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