



Nebraska On-Farm Research Network

Starter Fertilizer on Corn

Study ID: 092155199801

1998

County: Saunders

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

TREATMENTS:

No Starter

Plant corn

Starter Fertilizer

Plant corn with 5 gal/ac 10-34-0 in furrow

Comparative cost (per acre)

None \$ 0.00

Comparative cost (per acre)

5 gal 10-34-0 \$ 6.41

Application \$ 1.50

Total **\$ 7.91**

RESULTS:

Moisture (%)

No starter 15.2

Starter 15.1**

Test Weight (pounds/bushel)

No starter 58.5

Starter 58.3*

Yield (bushel/acre @ 15.5%)

No starter 118

Starter 123

* significantly different at 90% confidence level

** significantly different at 95% confidence level

Summary: In 1998, starter fertilizer use resulted in slightly drier corn at harvest and slightly lower test weight. Yield difference is significant at 80% confidence level.

Nebraska Soybean & Feed Grains Profitability Project



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