



# 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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