



# Nebraska On-Farm Research Network

## Starter Fertilizer on Corn

Study ID: 067155199801

*County: Saunders*

**OBJECTIVE:** To determine and document the profitability of using no starter vs. premium starter vs. 10-34-0 starter

**TREATMENTS:**

	<u>Fertilizer</u>	<u>Costs</u> <u>Application</u>	<u>Total</u>
1998 (Soil P: 10 ppm)			
No starter	-----	-----	-----
8-23-5-1 @ 5 gal/ac	\$11.97	\$1.50	\$13.47
10-34-0 @ 5 gal/ac (57 lbs)	\$ 6.41	\$1.50	\$ 7.91

**RESULTS:** **1998**

Moisture (%)	
None	15.6***
Premium Starter	15.2
10-34-0	15.2
Test Weight (lbs/bu)	
None	56.5
Premium Starter	56.6
10-34-0	56.7
Yield (bu/ac @ 15.5%)	
None	150
Premium Starter	153
10-34-0	154
Plant Height, inches @ 6 weeks	
None	28.0***
Premium Starter	33.3
10-34-0	33.8
Plant Population, per acre	
None	19,900
Premium Starter	19,700
10-34-0	19,960

\*\*\* significantly different at 95% confidence level

**Summary:** In 1998, the use of starter resulted in increase in early plant growth and lower grain moisture at harvest. There was no significant difference in the performance of the two starter fertilizers.

**Nebraska Soybean & Feed Grains Profitability Project**



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