



Nebraska On-Farm Research Network

Starter Fertilizer on Irrigated Corn

Study ID: 105177199802

County: Washington

OBJECTIVE: To determine and document the effect of using starter fertilizer on the profitability of producing irrigated corn.

TREATMENTS:

1998: Soil P = 16 ppm

	<u>Cost/ac</u>
No starter	-----
Starter, 4 gal/ac 10-34-0	\$5.13
Application	<u>\$1.50</u>
Total	\$6.63

RESULTS:

Grain Moisture (%)	
No starter	16.8***
Starter	16.4
Grain Yield, bu/ac @ 15.5%	
No starter	179*
Starter	182
Plant Population, plants/ac	
No starter	28,200
Starter	28,500

* significantly different at 90% confidence level

*** significantly different at 99% confidence level

Summary: The use of starter fertilizer resulted in slightly drier grain at harvest and a slight increase in grain yield.

Nebraska Soybean & Feed Grains Profitability Project

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