



Nebraska On-Farm Research Network

Iron Fertilization of Corn

Study ID: 116155199601

County: Saunders

OBJECTIVE: To determine and document the effect of iron on the profitability of corn.

NO IRON

IRON

Treatment:

Treatment:

Plant corn

Plant corn with 2.5 lbs. Fe-EDDHA in
10 gallons water/acre in seed furrow

Comparative cost (per acre)

Comparative cost (per acre)

None \$0.00

2.5 pounds @ \$12/pound \$30.00

RESULTS

1996

Moisture (%)

No Iron

19.6

Iron

19.7

Test Weight (pounds/bushel)

No Iron

56.1

Iron

55.9

Yield (bushel/acre @ 15.5%)

No Iron

100 **

Iron

93

** significantly different at 95% confidence level

Summary: The use of iron resulted in a significant reduction in grain yield. Reason cannot be explained since no differences were observed in field during crop growth.

Nebraska Soybean & Feed Grains Profitability Project



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