

Nebraska Soybean & Feed Grains Profitability Project

**Years:** 2007  
**Title:** Iron Chelate Fertilizer  
**Crop:** Corn  
**NSFGPP Operator:** Lonnie Buller, Saunders County  
**Private Industry Cooperator:** Dave Varner  
**Objective:** To determine & document the effect of using iron chelate fertilizer on the profitability of producing corn.  
**Treatments:** None vs. Iron Chelate.

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**Results: 2007 (DK 61-66)**

<u>Variable</u>	<u>None</u>	<u>Iron</u>	<u>Prob &gt;/T/</u>
Yield, lbs/ac @ 15.5%	202	202	0.789 ns
Moisture, %	13.6	13.5	0.001 ***
Cost/ac (iron @ 4#/ac)	---	\$48.00	---

Planting Date: 5/6/07

Harvesting Date: 11/3/07

Summary: Grain yield was not affected by the fertilizer treatment; however, grain moisture was lower at harvest where fertilizer was applied. This product was prone to clotting & plugging screens.