



# Nebraska On-Farm Research Network

<b>Years:</b>	2006
<b>Title:</b>	Starter Fertilizer
<b>Crop:</b>	Soybeans
<b>Study ID:</b>	129023200601
<b>County:</b>	Butler County
<b>Objective:</b>	To determine & document the effect of starter-placed fertilizer on the profitability of producing soybeans.
<b>Treatment:</b>	Check (no fertilizer) vs. 7 gal/ac of 7-21-5 Super-5 Fertilizer placed 2 inches to side & 2 inches deep beside row.

## Nebraska Soybean & Feed Grains Profitability Project



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

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Results: <u>Variable</u>	2006 <u>Check</u>	Soybeans (Pio 93M11) <u>Fertilizer</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac @ 13%	72	74	0.0023 ***
Moisture, %	8.5	8.5	0.594 ns
Test Wt, lbs/bu	57.4	57.3	0.758 ns
Plants, 1000/ac	131.2	134.0	---
Cost/ac	---	\$12.18	---

Soil Test Results: P 9, pH 6.0, Zn 0.9, S 5

Planting Date: 5/14/06

Harvesting Date: 10/8/06

Summary: In 2006, the application of fertilizer resulted in a significant yield increase. Seed moisture & test weight were not affected.

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