

## On-Farm Comparison Results UEHLING

### Nebraska Soybean & Feed Grains Profitability Project

<b><i>Years:</i></b>	2005-2006
<b><i>Title:</i></b>	Starter Fertilizer Use
<b><i>Crop:</i></b>	Corn
<b><i>NSFGPP Operator:</i></b>	Homer & Jay Uehling, Burt County
<b><i>Private Industry Cooperator:</i></b>	Dave Varner
<b><i>Objective:</i></b>	To determine & document the effect of starter fertilizer on the profitability of producing corn & soybeans in rotation.
<b><i>Treatment:</i></b>	No starter fertilizer vs. 10-34-0 starter fertilizer (52 lbs/ac)

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<b>Results:</b> <u>Variable</u>	<b>2005</b>		<b>Pio 33N44</b>
	<u>No Starter</u>	<u>Starter</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac @ 15%	189	194	0.0635 *
Moisture, %	14.4	14.5	0.3807 ns
Cost/ac	---	\$5.64	

Soil Test Results: P: 22 ppm before variable rate phosphorus application between 2005 & 2006 growing seasons.

<u>Variable</u>	<b>2006</b>		<b>Pio 33N11</b>
	<u>No Starter</u>	<u>Starter</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac @ 15%	213	213	0.864 ns
Moisture, %	23.1	23.0	0.172 ns
Cost/ac	---	\$7.73	

Planting Date: 5/10/06

Harvesting Date:

Summary: The use of starter resulted in a significant increase in grain yield in 2005 but not in 2006.

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Phosphorus grid sample results prior to 2005 season

