

## On-Farm Comparison Results WILLIAMS

### Nebraska Soybean & Feed Grains Profitability Project

<b><i>Years:</i></b>	2006
<b><i>Title:</i></b>	Manganese Fertilizer
<b><i>Crop:</i></b>	Soybeans
<b><i>NSFGPP Operator:</i></b>	Brad Williams, Saunders County
<b><i>Private Industry Cooperator:</i></b>	Jerry Mulliken
<b><i>Objective:</i></b>	To determine & document the influence of manganese fertilizer on the profitability of producing soybeans.
<b><i>Treatments:</i></b>	Check (no manganese) vs. 1 qt/ac Manganese in furrow vs. 2 qt/ac Manganese in furrow.

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<u>Results:</u> <u>Variable</u>	<u>2006 Soybeans (NK 28G1)</u>			
	<u>Check</u>	<u>1 qt/ac</u>	<u>2 qt/ac</u>	<u>Prob &gt;F</u>
Yield, bu/ac @ 13%	76	77	78	0.364 ns
Moisture, %	9.1 **	9.2	9.3	0.021 **
Cost/ac	---	\$4.45	\$8.90	---

Summary: The application of manganese fertilizer did not increase seed yield significantly; however, seed moisture at harvest was increased slightly.