

## On-Farm Comparison Results BRT FARMS, BARTEK

### Nebraska Soybean & Feed Grains Profitability Project

<b><i>Years:</i></b>	2005-2006
<b><i>Title:</i></b>	Ammonia Placement (Furrow vs. In-Row)
<b><i>Crop:</i></b>	Corn
<b><i>NSFGPP Operator:</i></b>	BRT Farms - Bob Bartek, Saunders County
<b><i>Private Industry Cooperator:</i></b>	Keith Glewen & Bryon Chvatal
<b><i>Objective:</i></b>	To determine & document the effect of ammonia placement on the profitability of non-irrigated corn production.
<b><i>Treatments:</i></b>	Ammonia Fall Applied between rows (furrow applied) vs. in-row in 2005. In 2006, a third treatment was added. Ammonia in furrow vs. row knifed with Ammonia in furrow vs. Ammonia knifed in row.



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Results:	2006	Corn LG 2625BTRR Ammonia Application		
		In Furrow	In Row	Prob >F
	<u>In Furrow</u>	<u>w/Row Knife</u>	<u>In Row</u>	
Yield, bu/ac at 15%	137	140	144	0.135 ns
Moisture, %	15.4	15.4	15.4	0.977 ns
Test Wt, lbs/bu	59.1	58.8	59.0	0.102 ns
Plants, 1000/ac	21.9	21.6	22.5	0.604 ns
Cost/ac				---

Planting/Harvesting Date: 5-8-06 / 11-1-06

Summary: In 2005 & 2006, ammonia placement had no effect on yield or grain moisture of corn at harvest.