On-Farm Comparison Results

Nebraska Lincoln		On-Farm Comparison Results - PAULSEN							
Nebraska Soybean & Feed Grains Profitability Project									
The second second	Years: 2003 <i>Title:</i> Nitrogen Rates Based on Soil Organic Matter <i>Crop:</i> Corn <i>NSFGPP Operator:</i> Willis Paulsen, Burt County <i>Private Industry Cooperator:</i> Jerry Mulliken								
	Objective:	To determine and document the effect of rate of applied nitrogen on the profitability of corn production.							
	Soil Tests:	pH 6.0, OM 4.3%, Residual Nitrogen 57 Ibs/ac, P 91 ppm, K 458 ppm							
	Treatments:) Ibs N/ac vs. 70 Ibs N/ac vs. 100 Ibs N/ac as 3-0-0 in 2003.							

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in the	Results: 2003 Corn							
	<u>Variable</u>	<u>40N</u>	70N	100N	Prob >F			
	Yield, bu/ac at 15.5%	120	139 ***	152 ***	<.0001 ***			
15	Moisture, %	16.2	16.0	16.2	0.434 ns			
	Test Wt., lbs/bu	58.9 **	59.3	59.3	0.053 *			
1	Plants, 1000/ac	24.2	25.4**	24.2	0.057 *			
1	Cost/ac	\$10.86	\$19.00	\$27.14	R.			
	n increment reduced by Plant mid-rate of not appear to							

