Nebraska Lincoln	On-Farm Comparison Results CLAUSEN		
Nebraska Soybean & Feed Grains Profitability Project			
Years: Title: Crop: NSFGPP Operator: Private Industry Cooper Objective: Soil Test: Treatments:	2004-2007 Commercial Fertilizer vs. Biosolids Corn (04 & 06), Soybeans (05 & 07) Bob Clausen, Dodge County rator: Ron Schultz To determine & document the effect of replacing commercial fertilizer with municipal biosolids on the profitability of corn/soybean production. Clausen Site: pH 6.0, OM 2.4%, P 8.3 ppm, K 151 ppm Clausen: Commercial fertilizer vs. 17 ton/acre biosolids		

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Nebraska Soybe	an & Feed Grains Profitability Project
Results: 2004 Variable Yield, bu/ac @ 15% Moisture, % Test Wt, lbs/bu Cost/ac (spreading) Cost/ac (32%) Results: 2005 Variable Yield, bu/ac @ 13% Moisture, %	14.2 14.4 0.154 ns 59.9 60.1 0.477 ns \$8.50 \$8.50 \$18.00 \$18.00 Soybeans (Pio 93M11) - Clausen Site Fertilizer Biosolids Prob >/T/ 40 43 0.0078 *** 9.9 9.8 0.111 ns
Cost/ac, spreading	\$4.25

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Nebraska Soyb	ean & Feed Grains Profitability Project	
Results: 2006	Corn (Pio 34H44) - Clausen site	da
<u>Variable</u>	Fertilizer Biosolids Prob>/T/	10
Yield, bu/ac @ 15	5% 131 150 <.0001 ***	
Moisture, %	15.4 15.5 0.317 ns	
Test wt, lbs/bu	58.4 58.6 0.148 ns	
Cost/ac (spreadir	ng) \$2.12	
Soil Test Results:	Fertilizer: pH 6.0, OM 3.0, P 9.2, K 289 Biosolids: pH 6.3, OM 3.2, P 31, K 283	1
Results: 2007	Soybeans (Pio 93M11) - Clausen site	
<u>Variable</u>	Fertilizer Biosolids Prob>/T/	
Yield, bu/ac @ 13	3% 58 61 0.001 ***	1
Moisture, %	12.2 12.2 1.000 ns	
Test wt, lbs/bu	55.9 56.1 0.172 ns	1
Cost/ac (spreadin	ng) \$1.06	200
Planting Date: 5/10/07	Harvesting Date: 10/10/07	1



