

Nebraska Soybean & Feed Grains Profitability Project

**Years:** 2004-2005

**Title:** Narrow Row Corn Production

**Crop:** Corn

**NSFGPP Operator:** Dave Nielsen, Lancaster County

**Private Industry Cooperator:** Bryon Chvatal

**Objective:** To determine and document the effect of narrow rows on the profitability of non-irrigated corn production.

**Treatments:** 30 inch rows vs. 15 inch rows.

Nebraska Soybean & Feed Grains Profitability Project

**Results: 2004 (Pio 33B54) Corn**

<u>Variable</u>	<u>30"</u>	<u>15"</u>	<u>Prob &gt; T </u>
Yield, lbs/ac @ 15%	216	221	0.0785 *
Moisture, %	14.8	14.8	0.8264 ns
Test Wt., lbs/bu	58.7	59	0.1873 ns
Cost/ac	\$20.00	\$25.00	
Plant Pop.	28,000		

**Results: 2005 (Pio 33B51) Corn**

<u>Variable</u>	<u>30"</u>	<u>15"</u>	<u>Prob &gt; T </u>
Yield, lbs/ac @ 15%	158	152	0.0443**
Moisture, %	15	14.9	0.802 ns
Plants, 1,000/ac	24.4	25.4	0.553 ns
Cost/ac	\$20.00	\$25.00	

**Summary:** Grain yield was slightly higher from the 15-inch rows in 2004; possibility due to wide guess rows next to the 15-inch rows. In 2005, grain yield was significantly lower for the 15-inch rows.