Nebraska Lincoln EXTENSION
Know how. Know now.

On-Farm Comparison Results
Williams

FINAL **Nebraska Soybean & Feed Grains Profitability Project** FINAL

Years:	2009-2010
Title:	Planting Rate
Crop:	Corn
NSFGPP Operator:	Brad Williams, Saunders County
Private Industry Cooperator:	Jerry Mulliken
Objective:	To determine & document the influence of plant population on the profitability of producing corn.
Treatments:	2009: 26,500 vs. 30,000 seeds/ac 2010: 27,000 vs 30,500 seeds/ac

April 2011

IANR

Nebraska University of Lincoln EXTENSION
Know how. Know now.

On-Farm Comparison Results
Williams

FINAL **Nebraska Soybean & Feed Grains Profitability Project** FINAL

Results: 2009	Corn (GH9014)		
Variable	Low Pop	High Pop	Prob >F
Yield, bu/ac @ 15.5%	216	219	0.1129 ns
Moisture, %	17.8	18.0	0.0038 ***
Cost/ac	$55.47	$62.79	

Planting Date: 4/11/09 Harvesting Date: 11/12/09

IANR

Nebraska University of Lincoln EXTENSION
Know how. Know now.

On-Farm Comparison Results
Williams

FINAL **Nebraska Soybean & Feed Grains Profitability Project** FINAL

Results: 2010 Corn (GH 89373000GT)

Variable	Low Pop	High Pop	Prob >F
Yield, bu/ac @ 15.5%	196	203	0.0036 ***
Moisture, %	13.3	13.1	0.413 ns
Cost/ac	$62.62	$70.73	

Planting Date: 4/8/10 Harvesting Date: 10/20/10

Summary: In 2009, increasing the planting rate did not increase grain yield; however, the higher plant population resulted in wetter grain at harvest. In 2010, increased planting rate gave a higher grain yield with no change in grain moisture.

April 2011

IANR