Nebraska On-Farm Research Network

Years:	2011
Title:	Planter Metering Units
Crop:	Corn
Study ID:	039155201102
County:	Saunders
Objective:	To determine & document the influence of the seed metering unit on producing corn.
Treatments:	JD Pro 40 vs Precision

Nebraska Soybean & Feed Grains Profitability Project

Nebraska On-Farm Research Network

Results: 2011

	Corn-NI	(GH 9138 3000GT)	
Variable	JD Pro 40	Precision	Prob >/T/
Yield, bu/ac @ 15.5%	199	194	0.0048 ***
Moisture, %	16.2	16.1	0.8496 ns
Cost/ac	---	$0.50	

Planting Date: 4/25/11 Harvesting Date: 10/24/11

Summary: This location showed a statistcally significant higher yield in favor of the JD Pro 40 unit. See Note regarding 2% sprocket difference.

Note: After addtional investigation on the yield difference between the two meters. It was determined that the Precision meters were planting 2% less population and that may be a contributing factor to the negative yield difference between the meters. The reason for the 2% population difference was due to the need to equalize the precision meters, which are 30 cell plate, and the JD meters which are 40 cell plates. The precision meters speed was increased to get the same population as the JD Pro 40 meters and the closest combination of sprockets still resulted in 2% difference.