

On-Farm Comparison Results Chvatal

FINAL

Nebraska Soybean & Feed Grains Profitability Project

FINAL

<i>Years:</i>	2008-2010
<i>Title:</i>	Using a Platform Air Reel
<i>Crop:</i>	Soybeans
<i>NSFGPP Operator:</i>	Bryon Chvatal, Saunders County
<i>Private Industry Cooperator:</i>	Keith Glewen
<i>Objective:</i>	To determine & document the effect of a combine platform air reel on the amount of seed harvested.
<i>Treatments:</i>	Air reel off vs. air reel on. 15 inch rows Combine speed: 3.5 mph

On-Farm Comparison Results Chvatal

FINAL

Nebraska Soybean & Feed Grains Profitability Project

FINAL

Results: 2008

(NC+ 3A32RR)

<u>Variable</u>	<u>Check</u>	<u>Air Reel</u>	<u>Prob >/T/</u>
Yield, bu/ac @ 13%	63	62	0.334 ns
Cost/ac	---	\$1.00	

Planting Date: 4/30/08

Harvesting Date: 10/11/08

Results: 2009

(NC+ 2900)

<u>Variable</u>	<u>Check</u>	<u>Air Reel</u>	<u>Prob >/T/</u>
Yield, bu/ac @ 13%	55.7	55.4	0.0662 *
Moisture, %	11.7	11.8	0.1019 ns
Cost/ac	---	\$1.00	

Planting Date: 5/17/09

Harvesting Date: 10/04/09

On-Farm Comparison Results Chvatal

FINAL

Nebraska Soybean & Feed Grains Profitability Project

FINAL

Results: 2010

(Channel 2751)

Variable

Check

Air Reel

Prob >/T/

Yield, bu/ac @ 13%

68

68

0.547 ns

Moisture, %

9.4

9.5

0.363 ns

Cost/ac

\$1.00

Planting Date: 5/19/10

Harvesting Date: 9/29/10

Summary: The use of platform air reel had no significant effect on the amount of soybean seed harvested in 2008 & 2010; however, yield was reduced slightly in 2009.

April 2011