

# On-Farm Comparison Results Chvatal

FINAL

## Nebraska Soybean & Feed Grains Profitability Project

FINAL

<b><i>Years:</i></b>	2007-2010
<b><i>Title:</i></b>	Soybean Planting Date
<b><i>Crop:</i></b>	Soybeans
<b><i>NSFGPP Operator:</i></b>	Bryon Chvatal, Saunders County
<b><i>Private Industry Cooperator:</i></b>	Keith Glewen
<b><i>Objective:</i></b>	To determine & document the effect of seeding date on the profitability of non-irrigated soybean production.
<b><i>Treatments:</i></b>	Normal seeding dates vs. earlier date. Early planted soybeans with CruiserMaxx.

# On-Farm Comparison Results Chvatal

FINAL

## Nebraska Soybean & Feed Grains Profitability Project

FINAL

Results: 2007

(2A 93 RR) (2.9 maturity)

<u>Variable</u>	<u>Normal</u>	<u>Early</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac @ 13%	65	72	0.0001 ***
Moisture, %	9.8	8.9	0.0006 ***
Test Wt, lbs/bu	56.6	56.8	0.1946 ns
Protein, %	34.7	35.0	0.0557 *
Oil, %	19.0	19.3	0.0746 *
Cost/ac (CruiserMaxx)		\$10.00	

Planting Date: 5/18/07 & 4/30/07

Harvesting Date: 9/29/07

April 2011

# On-Farm Comparison Results Chvatal

FINAL

## Nebraska Soybean & Feed Grains Profitability Project

FINAL

Results: 2008

(NC+ 3A54RR) (3.5 maturity)

<u>Variable</u>	<u>Normal</u>	<u>Early</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac @ 13%	62	67	n/a
Moisture, %	12.6	12.7	n/a
Test Wt, lbs/bu	57.2	57.2	n/a
Protein, %	36.0	35.3	n/a
Oil, %	22.4	22.7	n/a
Cost/ac (CruiserMaxx)		\$10.00	

Planting Date: 6/1/08 & 4/30/08

Harvesting Date: 10/12/08

April 2011

# On-Farm Comparison Results Chvatal

FINAL

## Nebraska Soybean & Feed Grains Profitability Project

FINAL

### Results: 2009 (NC+ 2A63RR)

<u>Variable</u>	<u>Normal</u>	<u>Early</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac @ 13%	64	67	0.0016 ***
Moisture, %	13.8	10.2	0.0116 **
Test Wt, lbs/bu	56.1	57.0	0.0273 **

Planting Date: 5/3/09 & 5/21/09

Harvesting Date: 9/30/09

Both treatments (normal & early) treated with CruiserMaxx.

April 2011

# On-Farm Comparison Results Chvatal

FINAL

## Nebraska Soybean & Feed Grains Profitability Project

FINAL

### Results: 2010 (Channel 2751)

<u>Variable</u>	<u>Normal</u>	<u>Early</u>	<u>Prob &gt;/T/</u>
Yield, bu/ac @ 13%	71	76	0.0021 ***
Moisture, %	10.3	10.3	0.793

Planting Date: 5/18/10 & 4/18/10

Harvesting Date: 9/30/10

Both treatments (normal & early) treated with CruiserMaxx.

Summary: Early planting of soybeans resulted in higher yield, dryer seed at harvest, and increased protein and oil content in 2007. In 2008, plots were not properly randomized; thus, no interpretation is possible. In 2009, early planting resulted in higher yield, dryer seed at harvest, and higher test weight. Early planting gave significantly higher seed yield in 2010.

April 2011