

On-Farm Comparison Results Brandert

Nebraska Soybean & Feed Grains Profitability Project

Years:	2008-2009
Title:	Phosphorus Fertilizer Sources
Crop:	Soybeans / Corn
NSFGPP Operator:	Vernon Brandert, Dodge County
Private Industry Cooperator:	Jerry Mulliken
Objective:	To determine & document the effect of phosphorus source on the profitability of producing soybeans.
Treatments:	AVAIL phosphate fertilizer vs. commercial phosphorus fertilizer.
Soil Test:	Mehlich 3P - 29 ppm (Hi)

On-Farm Comparison Results Brandert

Nebraska Soybean & Feed Grains Profitability Project

Results: 2008

Variable

Yield, bu/ac @ 13%

Moisture, %

Cost/ac

Check

52.5

10.1

Soybeans (18-46)

AVAIL

51.5

10.1

\$12.15

Prob>/T/

0.102 ns

0.590 ns

Planting Date: 5/19/08

Harvesting Date: 10/3/08

On-Farm Comparison Results Brandert

Nebraska Soybean & Feed Grains Profitability Project

Results: 2009

Variable

Yield, bu/ac @ 15.0%

Moisture, %

Cost/ac

Check

260

20.7

Corn (Asgrow RX715)

AVAIL

260

20.8

\$6.08

Prob>/T/

0.934 ns

0.589 ns

Planting Date: 4/23/09

Harvesting Date: 11/03/09

Summary: The application of AVAIL phosphate fertilizer had no effect on the seed yield of soybeans in 2008 or on corn yields in 2009.