



On-Farm Comparison Results

- OHNOUTKA

Years: 2000 - 2002

Title: Early Planting Date vs. Normal Planting Date

Crop: Soybeans

NSFGPP Operator: Kurt Ohnoutka, Saunders County

Private Industry Cooperator: Jerry Mulliken

Objective: To determine and document the effect of early planting date vs. normal planting date on yield and profitability of producing soybeans

Treatments: Normal planting date with regular seed vs. early planting date with coated seed



On-Farm Comparison Results

- OHNOUTKA

Results:

	<u>Variable</u>	<u>Normal</u>	<u>Early</u>	<u>Prob>/T/</u>
	Planting Date	(May 10)	(March 24)	-----
2000	Yield, bu/ac at 13%	40	41	0.037**
	Moisture, %	10.3	10.6	0.004***
	Test Wt, lbs/bu	54.2	54.2	1.00 ns
	Cost/ac	-----	\$1.25	
	Planting Date	(May 12)	(April 19)	-----
2001	Yield, bu/ac at 13%	36	31	0.016**
	Moisture, %	10.0	10.3	0.004**
	Test Wt, lbs/bu	55.1	54.8	0.105 ns
	Plant Pop., 1000 plants/ac	148.9	126.8	0.005**
	Cost/ac	\$1.25	\$1.25	



On-Farm Comparison Results

- OHNOUTKA

Results:

	<u>Variable</u>	<u>Normal</u>	<u>Early</u>	<u>Prob>/T/</u>
	Planting Date	(May 15)	(April 15)	
2002	Yield, bu/ac at 13%	45	44	0.224 ns
	Moisture, %	12.3	12.6	0.074 *
	Test Wt, lbs/bu	55.4	55.1	0.021 **
	Cost/ac			
	LG Seed Clear Coat	\$1.50	\$1.50	
	Variety: Callahan 3333			



On-Farm Comparison Results

- OHNOUTKA

Summary: Early planting resulted in a slightly higher seed yield and slightly higher seed moisture at harvest in 2000. In 2001, seed yields were lower and seed contained more moisture when soybeans were planted early. Early planting resulted in lower plant density. In 2002, planting date did not affect seed yield; however, early planting resulted in higher seed moisture at harvest and lower test weight.