

On-Farm Comparison Results MULLIKEN

Nebraska Soybean & Feed Grains Profitability Project

<i>Years:</i>	2004-2006
<i>Title:</i>	Using Insecticide Treated Seed
<i>Crop:</i>	Soybeans
<i>NSFGPP Operator:</i>	Jerry Mulliken, Dodge County
<i>Private Industry Cooperator:</i>	Jerry Mulliken
<i>Objective:</i>	To determine & document the effect of Insecticide treated seed on the profitability of soybean production.
<i>Treatments:</i>	2004 - Normal seed vs Gaucho-treated seed 2005 - Normal seed vs CruiserMax-treated seed 2006 - SoyGard (Apron only) vs CruiserMax Pak

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Results: 2004 Latham 967

<u>Variable</u>	<u>Normal</u>	<u>Gaucha</u>	<u>Prob >/T/</u>
Yield, bu/ac @ 13%	52	52	0.678 ns
Moisture, %	9.2	9.2	0.763 ns
Cost/ac	---	\$10.00	

Lorsban drift over entire plot. All treated with Apron.

2005 Latham 967-planted last week in April

<u>Variable</u>	<u>Normal</u>	<u>Cruiser</u>	<u>Prob >/T/</u>
Yield, bu/ac @ 13%	42	47	0.0044 ***
Moisture, %	10.6	10.5	0.752 ns
Cost/ac	---	\$7.00	

All treated with Apron

Note: Heavy aphid pressure in August 2005.

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Results:	2006	Latham 967	
<u>Variable</u>	<u>SoyGard</u>	<u>CruiserMax Pak</u>	<u>Prob >/T/</u>
Yield, bu/ac @ 13%	54	59	0.0136 **
Moisture, %	9.9	9.7	0.404 ns
Plants, 1000/ac	100.5	98.3	0.575 ns
Plant Ht, inches @ V4	5.4	5.8	0.422 ns
	\$2.70	\$5.96	

Planting Date: 5/10/06

Harvesting Date: 9/30/06

Summary: The use of Gaucho had no effect on the growth of soybeans in 2004. The use of CruiserMax treated seed resulted in significantly high seed yield in 2005. Low Bean Leaf Beetle & aphid pressure in 2005. Plot widths in 2005 were 120 feet. In 2006, CruiserMax Pak treated seed had a higher yield than did SoyGard treated seed.

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Soygard
Study

