

Nebraska Soybean & Feed Grains Profitability Project

Year: 2003-2004

Title: Soybean Fungicides

Crop: Soybeans

NSFGPP Operator: Francis Emanuel, Dodge County

Private Industry Cooperator: Loren Giesler, UNL

Objective: To determine and document the effect of treating soybean seed with various fungicides on the profitability of growing soybeans.

Treatments: No fungicide vs. ApronMaxx vs. ApronMaxx + Apron XL

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Results: 2003 (DK 26-52)

<u>Variable</u>	<u>None</u>	<u>ApronMaxx</u>	<u>Max+XL</u>	<u>Prob>F</u>
Yield, bu/ac at 13%	49	48	48	0.706 ns
Plants, 1000/ac (V3)	154.8	162.5	145.1	0.015**
Plants, 1000/ac (Harvest)	107.2	135.8	109.1	0.016**
Cost/ac	-----	\$2.00	\$2.65	

Results: 2004 (GH 3135)

<u>Variable</u>	<u>None</u>	<u>ApronMaxx</u>	<u>Max+XL</u>	<u>Prob>F</u>
Yield, bu/ac at 13%	48	48	47	0.371 ns
Plants, 1000/ac (V2)	115.9	126.1	111.6	0.035 **
Plants, 1000/ac (Harvest)	91.1	95.8	103.7	0.088 *
Cost/ac	-----	\$2.00	\$2.65	-----

Summary: Seed yield was not affected by fungicide treatments in 2003; however plant population was higher where ApronMaxx was applied. In 2004, fungicide treatments did not affect seed yield and the effect on population was variable.