

Nebraska Soybean & Feed Grains Profitability Project

Years: 2005

Title: Controlling Western Bean Cutworm with a Transgenic Corn Hybrid

Crop: Corn

NSFGPP Operator: Larry Walla, Saunders County

Private Industry Cooperator: Earle Raun

Objective: To determine and document the effect of controlling seedling insects on the profitability of producing corn.

Treatments: Pioneer 33B51 YG vs. Pioneer 33B55 Herculex

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Results: 2005

<u>Variable</u>	<u>33B51</u>	<u>33B55</u>	<u>Prob > T </u>
Yield, lbs/ac @ 15.5%	170	170	0.9830 ns
Moisture, %	14.3	13.7	<0.0001 ***
Test wt, lbs/bu	60.3	60.5	0.2332 ns
Plants, 1,000/acre	26.5	25.8	0.2860 ns
Seed Cost/ac	\$44.87	\$47.00	

Summary: In 2005, grain yield was the same for both hybrids; however, the grain in the Herculex hybrid was significantly drier at harvest. Test weight and plant populations were the same for both hybrids.