Nebraska On-Farm Research Network

Years:	**2005**
Title:	**Controlling Western Bean Cutworm with a Transgenic Corn Hybrid**
Crop:	**Corn**
Study ID:	**129023200501**
County:	**Saunders**
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**

Nebraska Soybean & Feed Grains Profitability Project

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Results: 2005

Variable	33B51	33B55	Prob >/T/
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.**

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