Nebraska On-Farm Research Network

Years:	2009
Title:	Insect Resistant Hybrids
Crop:	Corn
Study ID:	119109200901
County:	Lancaster
Objective:	To determine & document the effect of growing corn hybrids with insect tolerant traits on the profitability of producing corn in rotation with soybeans.
Treatments:	No insect resistant (hybrid) Corn borer resistant (hybrid) Borer & rootworm resistant (hybrid)

Nebraska Soybean & Feed Grains Profitability Project

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Results: 2009

Variable	(Hybrid) None	Insect Resistant (Hybrid) Borer	(Hybrid) Borer & Rootworm	Prob >F
Yield, bu/ac @ 15.5%	155 **	162	162	0.0551 *
Moisture, %	17.9	18.0	18.2	0.1739 ns
Test Wt, lbs/bu	57.6	57.2	57.6	0.2467 ns
Plants, 1000/ac	23.6	22.8	23.4	0.5736 ns
Cost/ac	$46.13	$49.50	$59.85	

Planting Date: Harvesting Date: 10/5/09

Summary: Results for 2009 show that the non-Bt corn had a significantly lower yield than the Bt hybrids.

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