



Nebraska On-Farm Research Network

Years:	2009
Title:	Insect Resistant Hybrids
Crop:	Corn
Study ID:	001155200901
County:	Saunders
Objective:	To determine & document the effect of growing corn hybrids with insect tolerant traits on the profitability of corn production in a corn-soybean rotation.
Treatments:	2009: Conventional vs. RR vs. VT3 hybrid

Nebraska Soybean & Feed Grains Profitability Project



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

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Results: 2009

	Resistance			
	LG2620	LG2620RR	LG2620VT3	
	<u>Conv</u>	<u>RR</u>	<u>Insect</u>	<u>Prob>F</u>
Yield, bu/ac @ 15.5%	203	194 ***	210 **	0.0001 ***
Moisture, %	16.8	17.1 **	17.7 ***	<0.0001 ***
Test Wt, lbs/bu	56.2	56.3	56.1	0.085 *
Plants, 1000/ac	21.5	22.7	22.0	0.158 ns
Cost/ac	\$34.63	\$52.18	\$72.75	

Planting Date: 5/12/09

Harvest Date: 11/20/09

Summary: In 2009, the Roundup Ready hybrid produced less yield than the conventional hybrid; however, the hybrid with RR and Insect resistance produced the highest yield. The VT3 hybrid had significantly higher moisture at harvest.

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