



# Nebraska On-Farm Research Network

<b>Years:</b>	2010
<b>Title:</b>	Insect Resistant Hybrids
<b>Crop:</b>	Corn
<b>Study ID:</b>	001155201001
<b>County</b>	Saunders
<b>Objective:</b>	To determine & document the effect of growing corn hybrids with insect tolerant traits on the profitability of corn production in a corn-soybean rotation.
<b>Treatments:</b>	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: 2010

	Resistance			
	LG2620	LG2620RR	LG2620VT3	
	<u>Conv</u>	<u>RR</u>	<u>Insect</u>	<u>Prob&gt;F</u>
Yield, bu/ac @ 15.5%	178	174	186 **	0.0050 ***
Moisture, %	13.5	13.5	13.5	0.508 ns
Test Wt, lbs/bu	58.2	58.4	58.2	0.656 ns
Plants, 1000/ac	24.0	24.0	23.6	0.689 ns
Cost/ac	\$42.45	\$52.83	\$69.40	

Planting Date: 5/17/10

Harvest Date: 11/1/10

Summary: In 2010, the VT3 hybrid produced significantly more corn than the other two hybrids.

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