

Nebraska Soybean & Feed Grains Profitability Project

**Years:** 2008  
**Title:** Insect Resistant Hybrids  
**Crop:** Corn  
**NSFGPP Operator:** Jim & Mike Stewart, Lancaster County  
**Private Industry Cooperator:** Earle Raun  
**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)

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Variable	Insect Resistant			Prob >F
	GH8852GT None	GH8952(CBLL) Borer	GH8953(CBLLRW) Borer & Rootworm	
Yield, bu/ac @ 15.5%	148	157 *	150	0.143 ns
Moisture, %	20.4	20.5	20.9 *	0.090 *
Test Wt, lbs/bu	54.8	54.3	53.4 **	0.004 ***
Plants, 1000/ac	25.0	25.5	24.6	0.415 ns
Cost/ac	\$40.35	\$38.46	\$48.13	

Planting Date: 5/5/08

Harvesting Date: 10/2/08

Summary: Results for 2008 are quite variable; thus, minimal effects were detected. The corn borer/rootworm hybrid had slightly wetter grain at harvest and slightly lower test weight.