

**2007 SOUTHEAST NEBRASKA CORN GROWERS ASSOCIATION  
HYBRID COMPARISON TRIAL**

**IRRIGATED CORN RESULTS**

**Cooperator:** Vyhnalek Farms, Loren, Scott & Steve, Dorchester NE

**Plot Location:** Southeast of Crete, NE Quarter T7N, R4E, Sect.10

**Plot Size:** 16 corn hybrids and 7 checks. Checks variety was NC+ 5402 RB RRCB Cruiser

**Soil Type:** Muir Silt Loam, 0-1% slope

**Crop Rotation:** Corn planted into soybean stubble

**Fertilizer:** 180# NH<sub>3</sub> - fall applied  
100# 11-52-0 - Broadcast & pre-plant  
5 Gal 10-34-0 - in furrow at planting

**Tillage:** No-till planted

**Herbicide:** Bicep @ 1.2 qt. + 1 oz. Balance + 1 qt. Roundup - pre-plant

**Planting:** Planted April 19, 2007 with an 16 row Kinzie 3600 planter.  
Planting rate of 32,000.  
16 row plots

**Insecticides:** All hybrids had Cruiser/Poncho 250 or equivalent on the seed.  
Many hybrids have additional traits that are listed on the print-out.

**Harvested:** October 11, 2007 with John Deere 9660 combine.

**Additional Comments:** Watermark sensors and M.K. Hansen Data Logger were used to track soil moisture status. Readings at black layer were:  
1' deep - 61 CB (centibars)  
2' deep - 82 CB  
3' deep - 170 CB  
4' deep - 186 CB  
The average of the top 3 feet was 104 CB (UNL recommendation target was to not exceed 120 CB soil water status).

**Southeast Nebraska Corn Growers Variety Test Plot - Irrigated**

**Irrigated Corn Plot 2007**

Cooperator: Vyhnalek Farms

Check Variety: NC+ 5402 RB C250

11-Oct-07

Row Spacing 30  
 Std. Moisture 15.5  
 Std. Bu. Wt. 56  
 Harvested Rows 4

Plot Hybrid	Plant	Stalk	Test		Plot		Yield	Adj	Rank
	Pop (plants/ac)	Rot (%)	H2O (%)	Wt (lbs/bu)	Lbs	Len (ft)	Bu/Ac	Yield	
Check 1 (NC+ 5402 RB C250)	32,000	27.0%	13.6	61.6	2530	1034	194.6		
1 Crows 5268S YG RR2 Poncho 250	29,750	2.5%	13.3	59.3	2650	1034	204.5	211.5	6
2 Mycogen 2T828 YG RR2 Cruiser	26,000	8.5%	13.7	59.5	2670	1034	205.1	212.0	5
3 Hawkeye 78134T (Midwest) YGPL RR2 Cruiser	30,000	3.5%	13.5	60.6	2470	1034	190.2	197.1	13
Check 2	32,000	20.0%	13.7	61.1	2720	1034	209.0		
4 Asgrow RX715 Triple Stack Poncho 250	29,750	18.5%	13.3	59.8	2710	1034	209.2	213.8	3
5 DK C67-23 P26 YG RR2 Poncho 250	30,750	8.5%	13.9	61.0	2830	1034	216.9	221.5	2
6 Golden Harvest L9H12 BT RR RW Cruiser E250	26,750	12.0%	13.6	59.3	2420	1034	186.1	190.7	15
Check 3	30,000	7.0%	13.6	62.0	2590	1034	199.2		
7 Fontanelle 8T266 YGVT RR2 P250	28,250	2.5%	13.6	60.7	2550	1034	196.1	198.9	12
8 Pfister 3356T YG RR2 P250	27,000	3.0%	14.1	58.2	2620	1034	200.4	203.2	9
9 Pioneer 33H27 Herculex RR2 P250	28,000	1.5%	14.2	60.0	2880	1034	220.0	222.8	1
Check 4	31,000	7.0%	13.8	61.6	2770	1034	212.6		
10 Jacobson 8757 CRWR YG RR2 Poncho 250	30,250	11.0%	13.9	58.7	2710	1034	207.7	206.5	7
11 Stine 9724 RR CB YG Poncho 250	29,750	1.0%	13.9	57.9	2670	1034	204.7	203.5	8
12 Midwest 80134T YGPL RR2 Cruiser Extreme	29,250	2.5%	13.7	61.3	2640	1034	202.8	201.6	10
Check 5	28,000	2.0%	13.8	62.0	2700	1034	207.2		
13 Garst 8478 RR YG CB Cruiser GT Agrisure	31,000	2.0%	14.1	58.5	2700	1034	206.5	199.8	11
14 NC+ 5223 RBD C250	29,000	1.0%	13.7	61.4	2460	1034	189.0	182.3	16
15 LG Seeds 2619 BT RR2 P250 (Superkote)	31,500	2.0%	14.1	59.6	2880	1034	220.2	213.6	4
Check 6	29,500	26.0%	13.7	61.5	2910	1034	223.6		
16 Producers 7483 BT YG RR P250	31,250	1.0%	13.8	69.0	2670	1034	204.9	194.5	14
Check 7	31,000	3.0%	13.6	61.5	2790	1034	214.6		

**ALL PLOTS INCLUDING CHECKS**

Averages 29,641 7.5% 13.7 60.7 205.4 bu/ac

**CHECK PLOTS ONLY**

Averages 30,500 13.1% 13.7 61.6 208.7 bu/ac