

**2005 BETTER HYBRIDS Harvest Report for Iowa East Central [ IAEC ]**

Paul Van Donselaar, Mahaska County [ OSKALOOSA ]

**EARLY SEASON TEST**
**105-110 Day CRM**
**SOIL CONDITIONS:** Mahaska silty clay loam, 1% slope, moderately drained, minimum-till  
 6.9 pH, Very High P & K

**PREVIOUS CROP/HERB:** Soybeans - Treflan + Roundup

**FERTILITY PROGRAM:** 160-0-80 Fall Applied NH3 with N-Serve

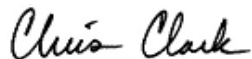
**PEST MANAGEMENT:** Alachlor + Atrazine (PRE) / Aim + Atrazine (POST)  
 Capture T-banded with planter at full-rate

**PLANTED - SEEDING:** April 20 - 30,200

**TOP 30 HYBRIDS FOR YIELD OF 45 TESTED**
**HARVESTED - STAND:** October 3 - 29,400

**AVERAGE of (3) REPLICATIONS**

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME	
Channel Bio	7S322	YGCB, RR2	C250	203.7	18.7	1.3	29.3	\$462.3	
Miller	M57-53H	HX1, LL	P250	203.3	17.2	0.0	29.9	\$472.0	
Merschman	M-509A-5	YGPL	P250	198.2	19.1	1.3	29.9	\$446.9	
Trisler	T-5231CB	YGCB	P250	195.6	19.5	0.0	28.2	\$438.4	
4 Star Seed	8680Bt	YGCB	C250	193.4	20.2	1.7	29.9	\$429.3	
Pioneer	34N42	HX1, LL	P250	193.2	18.4	1.3	29.9	\$440.5	
Heartland	ST41-05	YGCB		193.1	17.2	0.0	27.7	\$448.4	
Kruger	K-9310YGCB	YGCB	P250	193.0	18.4	0.0	28.2	\$439.9	
AgSource	5973	YGCB	C250	189.5	19.0	0.0	29.9	\$428.3	
Cornelius	C637YG	YGCB	P250	189.3	17.4	0.0	30.4	\$438.7	
Great Lakes	5961BtRW	YGPL	P250	189.0	17.7	0.0	31.0	\$436.0	
AgriGold	XA4401LL	LL	P250	189.0	17.7	0.0	29.9	\$435.8	
Diener	1102		P250	188.5	17.8	0.0	28.8	\$433.8	
Trisler	T-5240CB	YGCB	P250	187.8	20.2	0.0	27.1	\$416.4	
FS Seeds	FS6196		P250	187.7	17.7	0.3	30.4	\$432.6	
AgSource	5783	YGCB	C250	187.6	17.4	0.0	27.7	\$434.3	
4 Star Seed	9502Bt	YGCB	P250	186.6	18.8	0.0	28.2	\$422.8	
AgriGold	A6395		P250	186.5	17.4	0.0	29.9	\$431.8	
Heartland	ST31-08		P250	186.3	16.7	0.0	29.3	\$436.2	
Asgrow	RX668RR2/YGCB	YGCB, RR2	P250	186.2	17.0	0.0	29.9	\$433.9	
NK Brand	N67-W5	CB, LL	C250	185.8	19.0	0.0	30.4	\$419.7	
Wyffels	W7123	YGCB	P250	185.3	19.4	0.0	28.2	\$416.1	
Fielders Choice	7710W	YGRW	P250	184.9	17.2	0.0	29.9	\$429.7	
Cornelius	C584			183.6	17.8	0.0	28.2	\$422.9	
Merschman	M-610F-1	YGCB	P250	182.1	17.0	0.0	28.8	\$424.0	
LG Seeds	LG2540Bt	YGCB	P250	181.0	17.9	0.0	29.9	\$415.9	
Heartland	ST21-11		P250	181.0	18.2	1.3	29.9	\$414.4	
Kruger	K-9111YGCB	YGCB	P250	179.2	17.3	0.0	29.3	\$415.4	
NK Brand	N65-C5	CB, LL	C250	178.5	17.9	0.3	28.2	\$410.4	
Cornelius	C592YGPL	YGPL	P250	178.3	17.1	0.3	29.3	\$415.0	
<b>Dekalb</b>	<b>DKC60-19</b>	<b>YGCB, RR2</b>	<b>P250</b>	<b>180.4</b>	<b>18.5</b>	<b>0.0</b>	<b>29.9</b>	<b>\$411.2</b>	
				Test Average =	<b>182.3</b>	<b>18.1</b>	<b>0.2</b>	<b>29.4</b>	<b>\$417.4</b>
				Isd(.10) =	14.0	0.6	ns		
				C.V. =	5.6	2.4			
									B5IAECA23



F.I.R.S.T. Manager

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.035 Price = \$2.40

**TECHNOLOGY:** CL - Clear Field, LL - LibertyLink, RR, RR2 - Roundup Ready, CB - Corn Borer, HX1 - Herculex  
 YGCB - YieldGard Corn Borer, YGRW - YieldGard Rootworm, YGPL - YGCB plus YGRW  
**IST:** C125, C250, C1250 - Cruiser @ .125, .250 and 1.250 g ai/seed. P250 and P1250 - Poncho @ .250 and 1.250 g ai/seed.

identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

\* indicates hybrids tested without a commercial lot number. Hybrids in italics exceed the grain moisture limit for this test.

**FIELD NOTES:** Paul reported 1.9" rain from June 13th to July 26th when 1.2" fell. The dryness impacted final yields as this location was within the drought area of SE Iowa. Soybean yields have been reported as surprisingly good thus far.

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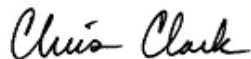
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Heartland	ST21-11		P250	181.0	18.2	1.3	29.9	\$414.4	
Miller	M58-54B	YGCB, LL	C250	175.8	16.4	0.0	29.3	\$413.2	
Dekalb	DKC60-19	YGCB, RR2	P250	180.4	18.5	0.0	29.9	\$411.2	
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 A list of all the hybrids in this test is available at [www.firstseedtests.com](http://www.firstseedtests.com)

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