

2009 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]

Paul Van Donselaar, Mahaska County, IA 52577

[OSKALOOSA]

EARLY SEASON TEST
105 - 110 Day CRM

PREV. CROP/HERB: Soybean / Roundup PowerMax

B9IAEC29a

SOIL DESCRIPTION: Taintor silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated

SOIL CONDITION: high P, high K, 6 pH, 4.5% OM

PEST MANAGEMENT: Guardsman

30" ROW SPACING

FERTILITY - Applied N: 108 Fall, 49 Spring, 74 Sidedress,

Applied N-P-K (units): 231-81-66

SEEDING - RATE: Apr 22 33,000 /A

TOP 30 OF 63 BRANDS FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Nov 5 35,800 /A

AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
LG Seeds	LG2549VT3	YGVT3	P250	276.8	19.7	1.0	34.4	\$867.1	1
Channel	210-61VT3	YGVT3	C250	273.4	20.0	1.0	35.3	\$854.4	3
Merschman	M-909C-10	YGVT3	P500	273.1	19.1	3.0	34.4	\$859.6	2
AgriGold	A6458VT3	YGVT3	P250	271.2	19.4	2.0	38.1	\$851.6	4
iCORN.com	109.6VT3	YGVT3	P250	264.9	19.2	1.0	35.3	\$833.1	6
Trelay	7T630	YGVT3	P250	264.1	19.3	1.0	37.2	\$829.9	7
LG Seeds	LG2555VT3	YGVT3	P250	264.0	19.4	2.0	35.3	\$829.0	9
Lewis	1009VT3	YGVT3	P250	263.8	17.9	1.0	34.4	\$838.2	5
Lewis	910VT3	YGVT3	P250	262.5	18.6	1.0	36.2	\$829.5	8
Trelay	7T202	YGVT3	P250	261.7	19.1	1.0	35.3	\$823.7	10
Channel	207-07VT3	YGVT3	P250	260.2	18.9	2.0	35.3	\$820.3	11
Trisler	T-6N52VT3	YGVT3	P250	259.3	18.8	1.0	33.5	\$818.1	12
Mycogen	2E696	YGVT3	C250	259.1	19.1	2.0	35.3	\$815.5	14
Channel	210-57VT3	YGVT3	C250	258.2	19.1	5.7	36.2	\$812.7	16
Fielders Choice	NG6759	YGVT3	P250	258.1	18.4	2.0	35.3	\$816.9	13
Trisler	T-5A08VT3	YGVT3	P250	256.9	18.4	2.0	38.1	\$813.1	15
AgriGold	A6438VT3*	YGVT3	P250	256.6	18.6	2.0	34.4	\$810.9	17
G2 Genetics	5X-707*	HXT, RR2	C250	256.6	18.7	3.0	34.4	\$810.2	18
Fielders Choice	NG6781	YGPL, RR2	P250	256.0	20.5	1.0	38.1	\$796.8	22
Brownseed	5H-909	HX1, RR2	C250	254.4	20.3	4.7	37.2	\$793.1	23
Trelay	7VT493	YGVT3	P250	254.3	19.3	1.0	37.2	\$799.1	20
AgriGold	A6456VT3	YGVT3	P250	254.1	20.4	19.0	37.1	\$791.5	24
Wyffels	W6871	YGVT3	P250	253.9	19.4	2.0	32.6	\$797.2	21
Kruger	K-6410VT3	YGVT3	P250	253.3	18.8	1.0	35.3	\$799.2	19
Great Lakes	5711G3VT3*	YGVT3	P250	251.9	19.7	1.0	34.4	\$789.1	25
G2 Genetics	5H-909A*	HX1, RR2	C250	249.9	20.2	1.0	35.3	\$779.7	27
Kruger	K-6010VT3	YGVT3	C250	248.7	18.7	1.0	35.3	\$785.3	26
NuTech Seed	3T-110	YGVT3	C250	247.4	19.9	1.0	36.2	\$773.7	30
Cornelius	C547VT3	YGVT3	P250	246.6	18.7	1.0	36.2	\$778.6	28
Titan Pro	87X04	HXT	C250	244.9	18.6	2.0	34.4	\$773.9	29
Pioneer	33W84 CK	HXT, RR2	P250	247.7	20.2	1.0	36.2	\$772.8	32
Test Average =				246.8	19.2	3.5	35.8	\$776.1	
LSD (0.10) =				19.5	0.9	6.6			
C.V. =				5.8	3.3				

TEST COMMENTS: *Very good crop establishment. The cool wet conditions slowed development and harvest. Stalk quality was very good overall considering the late season. No sign of disease at harvest. Excellent yield and soft cobs made harvest more challenging than normal.*

Lat: N41.26748, Long: W92.52627

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$3.25

[†] **TECHNOLOGY:** Corn Borer - 3KGT, CB, HX1, HXT, YGCB, YGPL, YGVT3; Corn Rootworm - 3KGT, HXT, RW, YGPL, YGRW, YGVT2, YGVT3; Clearfield - CL; Glyphosate - 3KGT, GT, RR2, YGVT2, YGVT3; Liberty - 3KGT, HX1, HXT, LL

^{††} **IST:** C250, C1250 - Cruiser @ 0.25 and 1.25 g ai/seed. P250, P500, and P1250 - Poncho @ 0.25, 0.5 and 1.25 g ai/seed.

 Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. *Italicized* brands exceed the grain moisture limit for this test. * = brands without a seed lot number ^ = discontinued brand.



F.I.R.S.T.[®]

Farmer's Independent Research
of Seed Technologies

F.I.R.S.T. CCB, Inc.
P.O. Box 101
Lanark, IL 61046

(815) 238-8007
rmeinsma@frontiernet.net

2009 BETTER HYBRIDS Harvest Report for Iowa East Central [IAEC]

Paul Van Donselaar, Mahaska County, IA 52577 [OSKALOOSA]

FULL SEASON TEST

111 - 114 Day CRM

PREV. CROP/HERB: Soybean / Roundup PowerMax B9IAEC29b
 SOIL DESCRIPTION: Taintor silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: high P, high K, 6 pH, 4.5% OM
 PEST MANAGEMENT: Guardsman 30" ROW SPACING
 FERTILITY - Applied N: 108 Fall, 49 Spring, 74 Sidedress,
 Applied N-P-K (units): 231-81-66
 SEEDING - RATE: Apr 22 33,000 /A TOP 30 OF 63 BRANDS FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Nov 5 35,300 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
NuTech Seed	3T-315	YGVT3	C250	275.1	21.4	3.7	37.1	\$850.1	1
Lewis	1013VT3	YGVT3	P250	270.8	19.7	1.0	35.3	\$848.3	2
AgriGold	A6533VT3	YGVT3	P250	270.3	21.5	2.0	34.4	\$834.6	4
Mycogen	2H735	RR2	C250	269.4	20.6	3.0	34.4	\$837.8	3
Wyffels	W8681	YGVT3	P250	266.9	20.1	4.7	37.2	\$833.4	5
Trisler	T-8A02VT3	YGVT3	P250	266.3	20.7	1.0	33.5	\$827.5	6
Renze	1399VT3	YGVT3	P250	262.4	19.9	3.0	35.3	\$820.7	7
NuTech Seed	5N-213+	3KGT	P250	262.4	20.4	34.0	32.6	\$817.4	9
FS Seeds	FS61BV3	YGVT3	P250	261.7	20.0	2.0	37.1	\$817.8	8
AgriGold	A6479VT3	YGVT3	P250	261.2	20.9	3.0	35.3	\$810.4	12
Trelay	8T266	YGVT3	P250	261.1	20.0	1.0	35.3	\$815.9	10
Kruger	K-6213VT3	YGVT3	C250	261.0	20.7	2.0	35.3	\$811.1	11
LG Seeds	LG2641VT3	YGVT3	P250	259.9	20.4	4.7	35.3	\$809.6	14
Stine	9806VT3	YGVT3	P250	259.0	21.7	3.0	36.2	\$798.4	20
Mycogen	2V732	YGVT3	C250	258.8	20.4	1.0	33.5	\$806.2	15
Trisler	T-7A14VT3	YGVT3	P250	258.4	19.6	1.0	34.4	\$810.1	13
Renze	7370RR2	RR2	C250	257.5	20.1	3.7	36.2	\$804.0	16
AgriGold	A6632VT3	YGVT3	P250	257.3	22.1	3.7	34.4	\$790.6	26
Wyffels	W7251	YGVT3	P250	257.1	20.4	4.7	36.2	\$800.9	18
LG Seeds	LG2620VT3	YGVT3	P250	256.4	20.8	2.0	36.2	\$796.1	23
Stone	8T212	YGVT3	P250	254.5	21.9	1.0	35.3	\$783.2	30
Dyna-Gro	57V38	YGVT3	P250	254.4	19.6	4.7	36.2	\$797.5	22
AgSource	3T-612	YGVT3	P250	253.4	19.1	1.0	32.5	\$797.6	21
Kruger	K-6214VT3	YGVT3	P250	253.2	19.7	1.0	35.3	\$793.1	24
Dyna-Gro	57V98*	YGVT3	P250	252.9	18.5	1.0	36.2	\$799.8	19
Merschman	Stine M-911C-10*	YGVT3	P500	252.5	19.4	5.7	35.3	\$792.9	25
Trelay	8T468	YGVT3	P250	252.2	20.2	2.0	31.6	\$786.9	28
Fielders Choice	NG6776	YGVT3	P250	251.7	19.7	3.0	33.4	\$788.5	27
AgSource	3T-313	YGVT3	C250	249.8	19.8	2.0	36.2	\$781.9	31
Dyna-Gro	57V40	YGVT3	P250	249.5	19.1	4.7	35.3	\$785.3	29
Pioneer	33W84 CK	HXT, RR2	P250	257.1	20.3	1.0	34.4	\$801.5	17
Test Average =				249.1	20.4	4.5	35.3	\$776.1	
LSD (0.10) =				19.8	0.6	8.8			
C.V. =				5.9	2.3				

TEST COMMENTS: *Very good crop establishment. The cool wet conditions slowed development and harvest. Stalk quality was very good overall considering the late season. No sign of disease at harvest. Excellent yield and soft cobs made harvest more challenging than normal.*

Lat: N41.26748, Long: W92.52627

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$3.25

[†] TECHNOLOGY: **Corn Borer** - 3KGT, CB, HX1, HXT, YGCB, YGPL, YGVT3; **Corn Rootworm** - 3KGT, HXT, RW, YGPL, YGRW, YGVT2, YGVT3; **Clearfield** - CL; **Glyphosate** - 3KGT, GT, RR2, YGVT2, YGVT3; **Liberty** - 3KGT, HX1, HXT, LL

^{††} IST: **C250, C1250** - Cruiser @ 0.25 and 1.25 g ai/seed. **P250, P500, and P1250** - Poncho @ 0.25, 0.5 and 1.25 g ai/seed.

Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. * = brands without a seed lot number ^ = discontinued brand.

Complete products tested list available at www.firstseedtests.com

AgSCI Copyright 2009

Report Date: 11/9/2009

Revised: