

2009 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]

Mark Christianson, Howard County, IA 50466 [SARATOGA]

EARLY SEASON TEST
101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B91ANC21a
 SOIL DESCRIPTION: Schley-Floyd silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: mod. high P, mod. high K, 7 pH, 3.5% OM
 PEST MANAGEMENT: Dual II Magnum, Callisto, Atrazine, Accent, Force 30" ROW SPACING
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-50-50
 SEEDING - RATE: Apr 22 33,600 /A **TOP 30 OF 72 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 11 31,800 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
AgriGold	A6309VT3	YGVT3	P250	235.5	27.1	1.0	34.4	\$694.1	3
Cornelius	C339VT3	YGVT3	P250	232.4	25.5	1.0	30.7	\$694.3	2
Brownseed	5B-804B	CB, LL, GT	C250	231.7	25.5	1.0	33.5	\$692.2	4
Kruger	K-6205VT3*	YGVT3	P250	231.6	27.8	1.0	32.6	\$678.6	5
LG Seeds	LG2496VT3	YGVT3	P250	231.5	24.0	1.0	31.6	\$700.3	1
FS Seeds	FS56SV3	YGVT3	P250	228.7	27.8	2.0	31.6	\$670.1	11
LG Seeds	LG2510VT3	YGVT3	P250	228.3	27.3	1.0	31.6	\$671.8	10
Viking	GT5781*	GT	C250	227.0	26.0	2.0	36.2	\$675.3	6
Cornelius	C447VT3	YGVT3	P250	226.9	27.3	2.0	33.5	\$667.7	12
Kruger	K-6401VT3	YGVT3	C250	226.8	26.2	1.0	30.7	\$673.6	7
Trelay	5T429	YGVT3	P250	226.0	26.0	1.0	33.5	\$672.4	9
Mycogen	2Y547	YGVT3	C250	225.0	25.3	2.0	33.5	\$673.3	8
Fielders Choice	NG6676	YGVT3	P250	224.5	28.4	2.0	28.8	\$654.4	25
AgriGold	A6325VT3	YGVT3	P250	223.4	28.1	1.0	30.7	\$652.9	26
Trisler	T-2S62VT3	YGVT3	P250	223.2	26.0	1.0	31.6	\$664.0	15
FS Seeds	FS54SV3	YGVT3	P250	223.0	27.3	1.0	33.5	\$656.2	22
Jung	7514VT3	YGVT3	P250	222.1	26.1	1.0	30.7	\$660.2	17
iCORN.com	103.VT6	YGVT3	P250	221.5	26.5	1.0	32.6	\$656.2	21
NuTech Seed	3T-706	YGVT3	P250	221.2	26.0	1.0	30.7	\$658.1	18
iCORN.com	101.1VT3	YGVT3	P250	221.1	24.5	1.0	29.8	\$666.1	13
Fielders Choice	NG6583	YGVT3	P250	220.9	26.1	1.0	32.5	\$656.6	20
Jung	3635RR	RR2	P250	220.7	29.4	2.0	34.4	\$637.8	29
Great Lakes	5450G3VT3	YGVT3	P250	220.1	24.2	2.0	30.7	\$664.7	14
Trisler	T-5A08VT3	YGVT3	P250	219.2	27.2	1.0	30.7	\$645.5	27
Gold Country	101-01VT3	YGVT3	P250	218.7	25.1	1.0	33.5	\$655.6	24
Stine	9523VT3	YGVT3	P250	218.6	27.4	1.0	29.8	\$642.7	28
Kruger	K-6200VT3*	YGVT3	P250	218.3	24.5	1.0	34.4	\$657.6	19
AgriGold	A6320VT3	YGVT3	P250	216.7	23.9	1.0	33.5	\$656.1	23
Stine	9418VT3	YGVT3	P250	216.6	23.0	1.0	27.9	\$660.6	16
Dairyland	9500Q	HXT, RR2	P250	213.6	25.7	1.0	33.5	\$637.1	30
Pioneer	35F44 CK	HXT, RR2	P250	209.3	27.2	2.0	31.6	\$616.4	41
Test Average =				212.7	27.2	1.8	31.8	\$626.5	
LSD (0.10) =				14.8	0.4	n.s.			
C.V. =				5.1	1.1				

TEST COMMENTS: *This was a nice uniform location. Found some evidence of mold growing on the tops of the ears, more than likely Diplodia. Stalk quality was still good from the root to the ear, but root masses were small without many brace roots.*

Ear retention was excellent and corn shelled nice because of nice solid cobs.

Lat: N43.37156, Long: W92.4108

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.

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FULL SEASON TEST
107 - 110 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B91ANC21b
 SOIL DESCRIPTION: Schley-Floyd silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: mod. high P, mod. high K, 7 pH, 3.5% OM
 PEST MANAGEMENT: Dual II Magnum, Callisto, Atrazine, Accent, Force 30" ROW SPACING
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-50-50
 SEEDING - RATE: Apr 22 33,600 /A **TOP 30 OF 72 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 11 31,700 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
NuTech Seed	3T-308*	YGVT3	P250	229.2	29.6	4.0	33.5	\$661.2	1
Channel	210-57VT3	YGVT3	C250	228.8	30.6	3.0	31.6	\$654.4	2
Dyna-Gro	V4993VT3	YGVT3	P250	223.6	29.6	4.0	29.8	\$645.1	3
Wyffels	W6261	YGVT3	P250	223.1	30.6	4.0	29.8	\$638.1	4
G2 Genetics	5H-909A*	HX1, RR2	C250	220.7	29.6	1.0	27.9	\$636.7	5
NuTech Seed	3T-512	YGVT3	P250	220.7	30.2	4.0	32.5	\$633.4	6
Kruger	K-6010VT3	YGVT3	C250	219.6	32.0	4.0	29.8	\$620.4	10
Dairyland	9410	YGVT3	P250	218.8	30.1	4.0	32.5	\$628.5	9
Viking	40-09N*	NONE	C250	218.6	29.4	2.0	32.6	\$631.8	8
Trisler	T-5N52VT3	YGVT3	P250	218.5	29.1	4.0	29.7	\$633.1	7
NuTech Seed	3T-110	YGVT3	C250	217.3	32.0	3.0	27.9	\$613.9	14
Trelay	7T202	YGVT3	P250	215.8	30.4	3.0	34.4	\$618.3	11
Kruger	K-6410VT3	YGVT3	P250	215.5	30.9	4.0	35.3	\$614.7	12
Kruger	K-6107VT3*	YGVT3	C250	214.7	30.5	4.0	34.4	\$614.6	13
Trelay	7T630	YGVT3	P250	214.4	31.5	4.0	32.5	\$608.4	19
Renze	1348YPL/RR2	YGPL, RR2	P250	213.8	31.1	4.0	35.3	\$608.8	18
Gold Country	106-02VT3	YGVT3	P250	213.0	29.9	2.0	36.2	\$612.9	16
Cornelius	C589VT3	YGVT3	P250	212.3	30.1	4.0	29.8	\$609.8	17
Fielders Choice	NG6759	YGVT3	P250	212.3	30.7	1.0	32.5	\$606.6	20
Stine	9527VT3	YGVT3	P250	211.0	33.7	4.0	33.5	\$587.1	31
Fielders Choice	NG6723	YGVT3	P250	209.9	30.1	4.0	32.6	\$602.9	21
Great Lakes	5939G3VT3	YGVT3	P250	209.7	31.7	2.0	31.6	\$594.0	24
Titan Pro	1059*	None	C250	209.3	27.8	4.0	32.5	\$613.2	15
Brownseed	3A-811	RR2	P250	208.8	30.3	3.0	29.8	\$598.7	22
Fielders Choice	NG6729	YGVT3	P250	207.4	31.2	4.0	29.8	\$590.1	30
iCORN.com	110.2VT3	YGVT3	P250	207.0	30.9	3.0	23.2	\$590.5	29
Trisler	T-6A08VT3	YGVT3	P250	206.4	30.3	3.0	35.3	\$591.9	26
G2 Genetics	5H-511A*	HX1, RR2	C250	205.7	29.4	3.0	32.5	\$594.5	23
Gold Country	107-01CBRCRW	YGPL, RR2	P250	204.4	29.1	4.0	31.6	\$592.2	25
Renze	5X288HXT/LL	HXT	P250	204.2	29.3	1.0	30.7	\$590.6	28
Pioneer	35F44 CK	HXT, RR2	P250	202.5	28.2	4.0	30.7	\$591.3	27
Test Average =				203.0	30.8	3.1	31.7	\$579.6	
LSD (0.10) =				20.0	0.9	1.5			
C.V. =				7.3	2.2				

TEST COMMENTS: *This was a nice uniform location. Found some evidence of mold growing on the tops of the ears, more than likely Diplodia. Stalk quality was still good from the root to the ear, but root masses were small without many brace roots. Ear retention was excellent and corn shelled nice because of nice solid cobs.*

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^{††} 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.

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