

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

Rottinghaus Farms, Black Hawk County, IA 50703 [WATERLOO]

EARLY SEASON TEST

101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B91ANC22a
 SOIL DESCRIPTION: Marquis-Readlyn silty clay loam, mod. well drained, strip-till, non-irrigated
 SOIL CONDITION: high P, high K, 6.2 pH, 4.5% OM
 PEST MANAGEMENT: Fulltime, Hornet, Force 30" ROW SPACING
 FERTILITY - Applied N: 27 Fall, 25 Spring, 110 Sidedress,
 Applied N-P-K (units): 162-69-90
 SEEDING - RATE: Apr 24 33,600 /A **TOP 30 OF 72 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 10 32,400 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Trelay	6T510	YGVT3	P250	190.2	19.4	2.0	27.9	\$597.2	1
Kruger	K-6401VT3	YGVT3	C250	184.7	18.3	3.7	32.6	\$585.0	2
G2 Genetics	1H-005	HX1	C250	182.5	18.7	1.0	32.6	\$576.2	3
NuTech Seed	3T-106	YGVT3	P250	181.2	19.3	1.0	34.4	\$569.4	4
Trisler	T-5A08VT3	YGVT3	P250	181.1	20.0	3.0	33.5	\$565.9	5
AgSource	5X-805	HXT, RR2	C250	180.3	21.3	2.0	31.6	\$557.6	7
Fielders Choice	NG6676	YGVT3	P250	179.2	18.7	2.0	29.8	\$565.8	6
Jung	3635RR	RR2	P250	175.9	21.0	1.0	33.5	\$545.3	12
Jung	7514VT3	YGVT3	P250	174.3	17.7	2.0	31.6	\$554.7	8
Brownseed	5X-205B	HXT, RR2	C250	174.1	20.3	1.0	30.7	\$542.8	16
Channel	205-94VT3	YGVT3	C250	174.0	19.5	1.0	33.5	\$545.9	11
Renze	2240HXT/LL/RR2	HXT, RR2	C250	173.7	21.7	3.0	32.6	\$535.4	21
NuTech Seed	3T-706	YGVT3	P250	172.5	19.0	1.0	30.7	\$543.4	14
Mycogen	2Y547	YGVT3	C250	171.4	17.1	1.0	32.6	\$548.1	9
iCORN.com	106.7VT3	YGVT3	P250	171.4	18.0	2.0	31.6	\$544.2	13
NuTech Seed	3T-603	YGVT3	C250	171.0	18.8	2.0	31.6	\$539.5	17
AgriGold	A6325VT3	YGVT3	P250	171.0	18.8	3.7	32.6	\$539.5	18
Cornelius	C339VT3	YGVT3	P250	170.8	16.9	1.0	35.3	\$547.0	10
Trelay	5T429	YGVT3	P250	170.8	17.8	2.0	35.3	\$543.1	15
Dairyland	9206Q	HXT, RR2	P250	170.4	20.9	2.0	32.6	\$528.7	27
Jung	7595VT3	YGVT3	P250	170.3	19.7	2.0	34.4	\$533.5	24
Gold Country	102-04VT3	YGVT3	P250	169.7	18.7	2.0	32.6	\$535.8	19
Kruger	K-6205VT3*	YGVT3	P250	168.8	18.1	1.0	33.5	\$535.5	20
iCORN.com	103.VT6	YGVT3	P250	168.7	18.3	3.0	32.6	\$534.4	23
Renze	1199VT3	YGVT3	P250	168.7	19.3	1.0	32.5	\$530.1	25
Stine	9523VT3	YGVT3	P250	168.4	17.9	1.0	33.5	\$535.1	22
Gold Country	101-01VT3	YGVT3	P250	165.8	18.0	1.0	29.8	\$526.4	30
AgSource	3T-904	YGVT3	P250	165.7	17.3	2.0	30.7	\$529.0	26
Wyffels	W2681	YGVT3	P250	165.6	17.8	2.0	30.7	\$526.6	29
Titan Pro	87A03	CB, RW, LL	C250	165.4	17.4	1.0	31.6	\$527.6	28
Pioneer	35F44 CK	HXT, RR2	P250	164.6	20.0	3.0	30.7	\$514.4	40
Test Average =				162.5	18.9	2.5	32.4	\$512.2	
LSD (0.10) =				13.6	0.8	6.0			
C.V. =				6.2	3.2				

TEST COMMENTS: This location was off to a great start. Emergence was excellent and plants were all uniform at the 12-18"

stage. Mid season played havoc with everything. This location seen 25 to 30% hail damage, and a good percentage of green

snap (not reflected in lodging score). Plants present at harvest were good and healthy.

Lat: N42.48587, Long: W92.16525

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.

2009 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]
 Rottinghaus Farms, Black Hawk County, IA 50703 [WATERLOO]

FULL SEASON TEST
 107 - 110 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B91ANC22b
 SOIL DESCRIPTION: Marquis-Readlyn silty clay loam, mod. well drained, strip-till, non-irrigated
 SOIL CONDITIONS: high P, high K, 6.2 pH, 4.5% OM
 PEST MANAGEMENT: Fulltime, Hornet, Force 30" ROW SPACING
 FERTILITY - Applied N: 27 Fall, 25 Spring, 110 Sidedress,
 Applied N-P-K (units): 162-69-90
 SEEDING - RATE: Apr 24 33,600 /A **TOP 30 OF 72 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Nov 10 32,400 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
AgSource	3T-408A	YGVT3	C250	205.3	21.6	1.0	30.7	\$633.4	1
Prairie Brand	1087VT3	YGVT3	P250	199.9	22.6	1.0	33.5	\$611.7	3
Dyna-Gro	V4993VT3	YGVT3	P250	196.0	19.0	2.0	31.6	\$617.4	2
Cornelius	C589VT3	YGVT3	P250	195.5	21.5	2.0	31.6	\$603.6	4
Great Lakes	5939G3VT3	YGVT3	P250	193.8	22.6	1.0	34.4	\$593.0	6
LG Seeds	LG2549VT3	YGVT3	P250	192.4	22.9	1.0	32.6	\$587.3	9
Fielders Choice	NG6723	YGVT3	P250	192.2	22.5	4.0	31.6	\$588.6	8
Dairyland	9810	YGVT3	P250	191.8	23.6	3.0	30.7	\$582.1	12
Trisler	T-5N52VT3	YGVT3	P250	191.3	19.5	4.0	31.6	\$600.2	5
Channel	210-57VT3	YGVT3	C250	190.3	21.0	2.0	32.6	\$589.9	7
Wyffels	W6261	YGVT3	P250	190.0	22.4	4.0	33.5	\$582.4	11
Kruger	K-6010VT3	YGVT3	C250	189.8	22.0	4.0	33.5	\$583.6	10
Mycogen	2E696	YGVT3	C250	187.7	23.1	3.0	30.7	\$572.0	16
Merschman	M-909C-10	YGVT3	P500	187.4	23.5	2.0	29.8	\$569.2	18
iCORN.com	109.6VT3	YGVT3	P250	187.0	21.6	1.0	33.5	\$576.9	13
Great Lakes	5711G3VT3*	YGVT3	P250	186.8	23.9	2.0	32.6	\$565.5	22
Trelay	7VT493	YGVT3	P250	186.0	21.2	3.0	33.5	\$575.7	14
AgriGold	A6399VT3	YGVT3	P250	185.5	23.3	2.0	33.5	\$564.4	23
Gold Country	110-01CBRCRW	YGPL, RR2	P250	184.8	25.3	3.0	33.5	\$553.0	27
Trisler	T-6A08VT3	YGVT3	P250	184.5	21.3	1.0	31.6	\$570.6	17
Prairie Brand	1089VT3	YGVT3	P250	184.2	20.5	1.0	32.6	\$573.3	15
Trelay	7T202	YGVT3	P250	182.8	21.7	4.0	33.5	\$563.5	24
Fielders Choice	NG6759	YGVT3	P250	182.4	20.9	2.0	32.6	\$565.9	21
Trelay	7T630	YGVT3	P250	182.4	21.5	4.7	33.5	\$563.2	25
NuTech Seed	3T-308*	YGVT3	P250	182.0	20.3	1.0	31.6	\$567.4	20
Gold Country	107-01CBRCRW	YGPL, RR2	P250	181.6	19.8	3.0	32.6	\$568.4	19
Renze	5X288HXT/LL	HXT	P250	180.3	21.9	1.0	32.6	\$554.9	26
NuTech Seed	3T-512	YGVT3	P250	179.5	23.2	4.0	34.4	\$546.6	29
Dairyland	9410	YGVT3	P250	179.2	22.3	7.3	33.5	\$549.7	28
FS Seeds	FS58SV3	YGVT3	P250	176.0	20.9	1.0	33.5	\$546.0	30
Pioneer	35F44 CK	HXT, RR2	P250	166.9	20.9	4.7	32.6	\$517.8	40
Test Average =				171.6	22.4	4.6	32.4	\$525.8	
LSD (0.10) =				18.1	1.2	9.3			
C.V. =				7.8	4.0				

TEST COMMENTS: *This location was off to a great start. Emergence was excellent and plants were all uniform at the 12-18" stage. Mid season played havoc with everything. This location seen 25 to 30% hail damage, and a good percentage of green snap (not reflected in lodging score). Plants present at harvest were good and healthy.* Lat: N42.48587, Long: W92.16525

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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.

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.