

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

Pete Bartlett, Hardin County, IA 50126 [IOWA FALLS]

EARLY SEASON TEST

101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Glyphos

B91ANC20a

SOIL DESCRIPTION: Clarion-Webster silt loam, mod. well drained, minimum w/o fall till, non-irrigated

SOIL CONDITION: high P, high K, 7.2 pH, 4.8% OM

PEST MANAGEMENT: Corvus, Quilt, Force

30" ROW SPACING

FERTILITY - Applied N: 186 Fall,

Applied N-P-K (units): 186-92-120

SEEDING - RATE: Apr 22 32,400 /A

TOP 30 OF 72 BRANDS FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 27 26,200 /A

AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
Kruger	K-6205VT3*	YGVT3	P250	243.0	26.6	2.0	22.3	\$719.3	1
Jung	3635RR	RR2	P250	232.0	28.2	2.0	27.0	\$677.4	2
Dairyland	9003	YGVT3	P250	229.7	27.4	2.0	31.6	\$675.3	3
Jung	7595VT3	YGVT3	P250	227.3	28.3	2.0	25.1	\$663.1	5
Trelay	6T510	YGVT3	P250	223.7	27.5	4.0	24.2	\$657.1	7
LG Seeds	LG2510VT3	YGVT3	P250	222.0	26.3	1.0	25.1	\$658.8	6
Trisler	T-4S61VT3	YGVT3	P250	221.3	28.1	3.0	26.0	\$646.7	10
Cornelius	C447VT3	YGVT3	P250	221.0	27.3	1.0	27.9	\$650.3	9
iCORN.com	106.7VT3	YGVT3	P250	220.0	29.2	2.0	22.3	\$636.9	13
LG Seeds	LG2496VT3	YGVT3	P250	219.3	22.3	3.7	25.1	\$672.7	4
AgriGold	A6309VT3	YGVT3	P250	218.3	25.3	2.0	26.0	\$653.3	8
AgSource	0C-107	YGCB	C250	217.3	29.4	4.7	26.0	\$628.0	19
Wyffels	W5281	YGVT3	P250	216.3	27.1	2.0	27.9	\$637.5	14
Trelay	6T226	YGVT3	P250	216.0	27.4	3.0	31.6	\$635.0	17
FS Seeds	FS56SV3	YGVT3	P250	216.0	27.4	3.0	29.8	\$635.0	16
Trisler	T-5A08VT3	YGVT3	P250	215.0	28.2	2.0	16.7	\$627.8	20
Mycogen	2Y547	YGVT3	C250	213.7	25.1	3.0	30.7	\$640.6	12
Channel	205-94VT3	YGVT3	C250	213.0	28.2	3.0	24.2	\$622.0	21
Stine	9418VT3	YGVT3	P250	213.0	24.3	3.0	23.2	\$642.7	11
Cornelius	C339VT3	YGVT3	P250	211.7	25.9	2.0	30.7	\$630.3	18
Trisler	T-2S62VT3	YGVT3	P250	211.7	25.1	2.0	27.9	\$634.6	15
FS Seeds	FS54SV3	YGVT3	P250	210.0	27.3	1.0	19.5	\$617.9	25
Viking	6919VT3*	YGVT3	C250	209.3	26.6	2.0	21.4	\$619.5	24
Prairie Brand	1059VT3	YGVT3	P250	208.3	27.9	1.0	31.6	\$609.8	26
Stine	9523VT3	YGVT3	P250	208.7	26.0	3.0	24.2	\$620.9	22
G2 Genetics	5H-007A	HX1, RR2	C250	208.0	27.7	1.0	28.8	\$610.0	30
AgSource	3T-904	YGVT3	P250	207.0	27.3	2.0	27.0	\$609.1	29
Jung	7514VT3	YGVT3	P250	204.7	23.8	1.0	25.1	\$620.2	23
iCORN.com	103.VT6	YGVT3	P250	203.0	24.7	1.0	25.1	\$610.5	27
Gold Country	102-04VT3	YGVT3	P250	202.0	24.2	1.0	28.8	\$610.0	28
Pioneer	35F44 CK	HXT, RR2	P250	194.5	28.2	1.0	24.2	\$567.9	66
Test Average =				204.9	26.8	2.0	26.2	\$605.4	
LSD (0.10) =				16.5	1.3	2.2			
C.V. =				6.0	3.7				

TEST COMMENTS: This was one of the first plots planted this year, and the cool/wet season rains stressed most of the hybrids at the time of emergence. Some hybrids experienced stand reductions due to this. Stalk quality at the time of harvest was still very good, and could not find much evidence of any major diseases.

Lat: N42.49191, Long: W93.32097

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]

Pete Bartlett, Hardin County, IA 50126 [IOWA FALLS]

FULL SEASON TEST
107 - 110 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B91ANC20b
 SOIL DESCRIPTION: Clarion-Webster silt loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: high P, high K, 7.2 pH, 4.8% OM
 PEST MANAGEMENT: Corvus, Quilt, Force 30" ROW SPACING
 FERTILITY - Applied N: 186 Fall,
 Applied N-P-K (units): 186-92-120
 SEEDING - RATE: Apr 22 32,400 /A **TOP 30 OF 72 BRANDS FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Oct 27 23,900 /A AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME \$/Acre	Rank
G2 Genetics	5H-511A*	HX1, RR2	C250	248.6	29.2	2.0	19.5	\$719.7	1
Mycogen	2H697	YGVT3	C250	247.3	30.1	2.0	27.0	\$710.4	2
Cornelius	C547VT3	YGVT3	P250	239.9	30.0	1.0	22.3	\$689.7	4
iCORN.com	109.6VT3	YGVT3	P250	239.4	29.8	3.0	27.0	\$689.5	5
Trelay	7T202	YGVT3	P250	238.5	29.2	4.7	20.4	\$690.5	3
Kruger	K-6010VT3	YGVT3	C250	238.3	29.7	4.0	22.3	\$686.9	6
Trisler	T-6N52VT3	YGVT3	P250	235.7	29.8	4.0	19.5	\$678.8	9
Channel	210-57VT3	YGVT3	C250	235.5	29.4	4.7	22.3	\$680.6	8
Kruger	K-6410VT3	YGVT3	P250	235.0	29.1	2.0	29.8	\$680.9	7
AgriGold	A6456VT3	YGVT3	P250	232.8	30.8	2.0	27.0	\$664.6	12
Trelay	7T630	YGVT3	P250	231.4	29.8	2.0	24.2	\$666.4	10
Dairyland	9810	YGVT3	P250	230.8	29.5	2.0	26.0	\$666.4	11
Titan Pro	87X04	HXT	C250	228.2	29.2	3.0	23.2	\$660.6	13
AgSource	3T-612A	YGVT3	P250	227.3	29.2	2.0	16.7	\$658.0	15
FS Seeds	FS60AV3	YGVT3	P250	226.5	29.7	3.0	18.6	\$652.9	17
FS Seeds	FS58SV3	YGVT3	P250	226.0	28.9	1.0	27.0	\$656.0	16
Gold Country	110-01CBRCRW	YGPL, RR2	P250	225.8	30.3	2.0	25.1	\$647.5	22
Dyna-Gro	V4993VT3	YGVT3	P250	225.7	28.3	2.0	21.4	\$658.5	14
Gold Country	106-02VT3	YGVT3	P250	225.0	29.5	4.7	27.9	\$649.7	20
Wyffels	W6261	YGVT3	P250	224.8	29.5	4.0	18.6	\$649.1	21
Fielders Choice	NG6723	YGVT3	P250	224.0	28.9	4.0	26.0	\$650.2	18
Trisler	T-5N52VT3	YGVT3	P250	223.7	28.8	2.0	19.5	\$649.8	19
Stine	9626VT3	YGVT3	P250	223.5	29.9	3.0	28.8	\$643.1	26
Prairie Brand	1089VT3	YGVT3	P250	223.1	29.2	1.0	30.7	\$645.9	23
Kruger	K-6107VT3*	YGVT3	C250	223.0	29.8	3.0	30.7	\$642.2	27
iCORN.com	110.2VT3	YGVT3	P250	222.9	30.0	3.0	26.0	\$640.8	29
Dyna-Gro	56R29*	HXT, RR2	P250	221.8	28.9	1.0	25.1	\$643.8	24
AgriGold	A6399VT3	YGVT3	P250	221.8	29.7	1.0	27.0	\$639.3	30
Prairie Brand	1087VT3	YGVT3	P250	221.6	28.9	3.0	27.0	\$643.2	25
Mycogen	2E696	YGVT3	C250	221.0	28.9	3.0	25.1	\$641.5	28
Pioneer	35F44 CK	HXT, RR2	P250	197.8	28.5	3.0	20.4	\$576.1	66
Test Average =				217.9	29.6	2.7	23.9	\$629.0	
LSD (0.10) =				17.0	0.9	2.4			
C.V. =				5.8	2.4				

TEST COMMENTS: *This was one of the first plots planted this year, and the cool/wet season rains stressed most of the hybrids at the time of emergence. Some hybrids experienced stand reductions due to this. Stalk quality at the time of harvest was still very good, and could not find much evidence of any major diseases.*

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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.