

2008 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]

Maurice Johnson, Floyd County, Floyd, IA 50435 [FLOYD]

EARLY SEASON TEST
101-106 Day CRM

B81IANC22a

SOIL CONDITIONS: Tripoli silty clay loam, 1% slope, moderately well-drained
 3.5% o.m., 6.5 pH, High P, High K

PREVIOUS CROP/HERB: Soybeans / Roundup
 Spring Cultivation

FERTILITY PROGRAM: 140 lbs N as Fall Applied NH3

PEST MANAGEMENT: Radius fb Steadfast + Callisto + Atrazine, Force T-Band

PLANTED - SEEDING: May 10 - 33,100 seed/A **TOP 30 OF 81 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)**
HARVESTED - STAND: Oct. 22 - 34,900 plants/A **AVERAGE of (3) REPLICATIONS**

COMPANY	HYBRID	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME
Fontanelle	5T429	YGVT3	P250	194.3	22.4	1.0	36.3	\$933.6
Trelay	5T429	YGVT3	P250	193.4	23.1	1.0	37.2	\$921.0
Cornelius	C447VT3	YGVT3	P250	191.2	22.1	1.0	37.2	\$922.0
NC+ Hybrids	3613VT3	YGVT3	C250	190.5	24.2	1.0	34.5	\$895.0
Trelay	5T128	YGVT3	P250	187.4	20.4	1.0	37.2	\$922.9
Great Lakes	5416G3VT3	YGVT3	P250	185.5	21.6	1.0	36.3	\$900.0
AgSource	3T-303VT3	YGVT3	C250	182.9	22.6	1.0	36.3	\$876.8
Crows	2155VT3	YGVT3	C250	181.2	21.8	1.0	33.6	\$877.0
Midwest Seed	72116VT3	YGVT3	C250	181.1	21.5	1.0	37.2	\$880.7
Fielders Choice	NG6691	RR2	P250	180.9	27.2	1.0	36.3	\$817.0
Kruger	K-6006VT3	YGVT3	C250	180.8	23.3	1.0	35.4	\$859.3
Prairie Brand	1058HXT	HXT	P250	179.9	26.4	1.0	33.6	\$821.0
NC+ Hybrids	2227VT3	YGVT3	C250	179.4	21.6	1.0	33.6	\$870.5
DeKalb	DKC50-44	YGVT3	P250	179.1	21.1	1.0	34.5	\$875.0
Wyffels	W4941	YGVT3	P250	179.0	23.3	1.0	36.3	\$850.9
Fielders Choice	NG6686	YGVT3	P250	178.7	24.6	1.0	36.3	\$835.1
Kruger	K-6401VT3	YGVT3	C250	177.6	22.1	1.0	35.4	\$856.5
FS Seeds	FS56SV3	YGVT3	P250	177.1	22.6	1.0	37.2	\$848.9
Producers	6634VT3	YGVT3	P250	174.9	22.8	1.0	36.3	\$836.9
Dyna-Gro	55V71	YGVT3	P250	174.8	20.0	1.0	37.2	\$864.9
Fielders Choice	NG6676	YGVT3	P250	174.4	24.4	1.0	35.4	\$817.0
Trisler	T-4S61VT3	YGVT3	P250	174.2	24.4	1.0	34.5	\$815.9
Circle Seed	CS-6400TS	YGPL, RR2	C250	171.7	20.8	1.0	31.0	\$841.2
Cornelius	C333XTLL	HXT	P250	171.3	22.5	1.0	33.6	\$822.8
Great Lakes	5306G3VT3	YGVT3	P250	170.5	20.9	1.0	37.2	\$834.5
Circle Seed	CS-8502HX	HX1	C250	168.4	20.4	1.0	35.4	\$829.3
Dairyland	9799	YGVT3	P250	168.1	20.4	1.0	35.4	\$827.8
Prairie Brand	1038VT3	YGVT3	P250	167.7	20.8	1.0	34.5	\$822.4
Renk	RK698RRYGRW	YGRW, RR2	P250	167.4	20.6	1.0	36.3	\$822.4
4 Star Seed	6825VT3	YGVT3	C250	166.7	21.1	1.0	37.2	\$814.0
Pioneer	35F44 CK	HXT, RR2	P250	158.0	24.2	1.0	34.5	\$741.8
Test Average =				165.7	22.9	1.0	34.9	\$791.6
lsd(.10) =				15.8	1.4	n.s.		
C.V. =				7.0	4.6			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.25

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

^{††} IST: **C250, C1250** - Cruiser @ 0.250 and 1.250 g ai/seed. **P250 and P1250** - Poncho @ 0.250 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 seed tested from lots not commercially available at planting. Hybrids in italics exceed the grain moisture limit for this test.

FIELD NOTES: All these hybrids were standing really well. Maurice commented that the plot did not get side dressed with nitrogen this year and it really hurt the yield potential of the plot. He had a check strip in his own field with and without side dress and there was a 20 bu or better advantage this year with the extra nitrogen. Stalk rots were starting to set in, but not real bad at harvest.

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LATE SEASON TEST
107-110 Day CRM
SOIL CONDITIONS: Tripoli silty clay loam, 1% slope, moderately well-drained
 3.5% o.m., 6.5 pH, High P, High K

B81ANC22b

PREVIOUS CROP/HERB: Soybeans / Roundup

Spring Cultivation

FERTILITY PROGRAM: 140 lbs N as Fall Applied NH3

PEST MANAGEMENT: Radius fb Steadfast + Callisto + Atrazine, Force T-Band

PLANTED - SEEDING: May 10 - 33,100 seed/A

TOP 30 OF 72 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Oct. 22 - 34,200 plants/A

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME
LG Seeds	LG2555VT3	YGVT3	P250	195.4	28.0	1.0	34.5	\$873.4
Fielders Choice	NG6720	YGVT3	P250	193.3	23.7	1.0	35.4	\$913.5
Dairyland	9009	YGVT3	P250	191.1	25.7	1.0	34.5	\$880.5
Midwest Seed	76996VT3	YGVT3	P250	184.5	26.3	1.0	36.3	\$844.0
AgSource	3T-209VT3	YGVT3	P250	184.3	25.8	1.0	33.6	\$848.0
Viking	40-09N	None	P250	184.0	22.9	1.0	33.6	\$878.3
Wyffels	W5281	YGVT3	P250	183.6	21.8	1.0	33.6	\$888.7
NC+ Hybrids	4022VT3	YGVT3	C250	183.6	25.1	1.0	33.6	\$852.4
LG Seeds	LG2545VT3	YGVT3	P250	182.1	28.8	1.0	35.4	\$805.2
Kruger	K-7010YG+	YGPL	C250	181.0	26.0	1.0	35.4	\$830.9
FS Seeds	FS5559VT3	YGVT3	P250	180.8	22.5	1.0	34.5	\$867.8
Circle Seed	CS-6006VT3	YGVT3	C250	180.4	23.4	1.0	31.0	\$856.3
Great Lakes	5961G3VT3	YGVT3	P250	179.6	28.8	1.0	34.5	\$794.0
LG Seeds	LG2552VT3	YGVT3	P250	179.3	29.7	1.0	34.5	\$782.7
Trelay	7T202	YGVT3	P250	178.8	26.6	1.0	34.5	\$814.5
Fielders Choice	NG6781	YGVT3	P250	176.2	28.3	1.0	35.4	\$784.6
Producers	7077VT3	YGVT3	P250	176.1	27.9	1.0	30.1	\$787.8
Renk	RK822VT3	YGVT3	P250	176.0	25.9	1.0	36.3	\$808.4
Trisler	T-6N51PLRR	YGPL, RR2	P250	175.8	27.9	1.0	32.7	\$787.1
Producers	6944VT3	YGVT3	P250	175.7	27.1	1.0	33.6	\$795.3
Cornelius	C595YG	YGCB	P250	175.5	25.5	1.0	34.5	\$811.0
Great Lakes	5995BtRW	YGPL	P250	175.4	27.0	1.0	35.4	\$795.0
Viking	D43-06N	CB	C250	175.4	23.6	1.0	35.4	\$830.0
Cornelius	C547VT3	YGVT3	P250	174.9	25.3	1.0	34.5	\$810.5
Kruger	K-6007TS	YGPL, RR2	C250	174.3	23.6	1.0	36.3	\$825.7
Trelay	7T630	YGVT3	P250	174.1	25.8	1.0	34.5	\$801.1
NuTech Seed	3T-310VT3	YGVT3	C250	174.1	25.5	1.0	32.7	\$803.8
AgSource	3C-907RR/YGCB	YGCB, RR2	P250	170.1	25.4	1.0	34.5	\$786.7
4 Star Seed	EX9975VT3	YGVT3	C250	169.7	24.8	1.0	33.6	\$790.9
Stine	9624VT3	YGVT3	P250	166.0	23.9	1.0	35.4	\$782.6
Pioneer	35F44 CK	HXT, RR2	P250	160.7	24.9	1.0	31.9	\$748.3
Test Average =				167.6	26.7	1.1	34.2	\$763.0
Isd(.10) =				14.2	1.6	n.s.		
C.V. =				6.3	4.5			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.25

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