

2008 BETTER HYBRIDS Harvest Report for Minnesota West Central [MNWC]

Doug Nelson, Big Stone County, Clinton, MN [CLINTON]

EARLY SEASON TEST

93-98 Day CRM

SOIL CONDITIONS: Fram-Svea silty clay loam, 0.5% slope, well drained, 2.8% o.m., pH 6.9
 Very high P and K, fall chisel, spring field cultivate (1 pass)

B8MNWC05a

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 150-75-30-3 (actual) Urea and dry fertilizer

PEST MANAGEMENT: Harness (pre-plant incorp.), Callisto/Atrazine (post), cultivated once
 Force applied T-Band with planter

PLANTED - SEEDING: May 8 - 32,500 ppa

TOP 30 OF 63 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Nov. 2 - 26,200 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME
Kruger	K-609VT3	YGVT3	C250	227.2	19.1	1.0	27.6	\$1,193.6
Midwest Seed	69704VT3	YGVT3	C250	220.3	19.6	1.0	26.7	\$1,151.1
Renk	RK584LLCB	CB, LL	P250	215.9	19.8	2.0	24.9	\$1,125.6
Crows	1807VT3	YGVT3	C250	214.3	19.4	1.0	30.1	\$1,121.4
NC+ Hybrids	1775VT3	YGVT3	C250	205.7	18.9	2.0	25.0	\$1,083.4
AgVenture	AV5480V3R	YGVT3	P250	204.3	20.3	3.7	24.9	\$1,059.2
NC+ Hybrids	1557VT3	YGVT3	C250	201.8	20.1	1.0	28.1	\$1,048.4
Dyna-Gro	54V29	YGVT3	P250	201.8	20.6	1.0	24.9	\$1,042.6
Gold Country	96-08VT3	YGVT3	P250	200.7	19.4	2.0	28.0	\$1,050.6
Wensman	W7267VT3	YGVT3	P250	200.4	19.7	1.0	27.7	\$1,046.2
Trelay	4T105	YGVT3	P250	200.0	19.5	2.0	25.9	\$1,045.8
NuTech Seed	3T-995VT3	YGVT3	P250	199.7	19.5	2.0	29.2	\$1,044.0
Dyna-Gro	54V78	YGVT3	P250	198.4	18.4	4.7	26.4	\$1,050.9
Prairie Brand	958VT3	YGVT3	P250	196.9	18.5	1.0	23.7	\$1,041.5
Trelay	4T722	YGVT3	P250	196.5	19.7	4.7	26.7	\$1,025.5
Jung	7454VT3	YGVT3	P250	193.5	19.1	3.0	26.2	\$1,017.0
Brownseed	1B-198CB/LL	CB, LL	C250	193.4	19.6	2.0	25.5	\$1,010.5
NuTech Seed	3T-098BVT3	YGVT3	C250	193.0	19.4	3.7	24.6	\$1,010.9
Dairyland	9196	YGVT3	P250	192.4	19.0	1.0	25.6	\$1,012.4
Dairyland	9799	YGVT3	P250	192.1	18.4	2.0	25.9	\$1,017.4
Crows	1725VT3	YGVT3	C250	192.0	19.8	1.0	26.5	\$1,000.7
Mustang	4320VT3	YGVT3	P250	191.2	18.6	3.0	27.7	\$1,010.7
AgSource	3T-098AVT3	YGVT3	C250	191.0	19.2	1.0	25.6	\$1,002.7
Enestvedt	E657VT3	YGVT3	P250	190.7	18.6	4.7	25.5	\$1,008.0
Farm Advantage	9794L	CB, LL	C250	190.5	17.3	3.0	27.1	\$1,022.0
Mustang	4355VT3	YGVT3	P250	189.2	19.0	1.0	28.4	\$994.7
Kruger	K-6298VT3	YGVT3	C250	188.2	18.7	4.0	27.3	\$993.3
Dyna-Gro	53V13	YGVT3	P250	188.1	18.6	1.0	30.2	\$994.1
Renk	RK575VT3	YGVT3	P250	187.9	18.8	1.0	26.1	\$990.4
Brownseed	3P-494+RR/YGPL	YGPL, RR2	C250	186.5	18.1	6.3	27.0	\$991.2
Pioneer	37Y14 CK	HX1, RR2	P250	174.0	19.8	3.7	25.0	\$906.5
Test Average =				187.4	18.8	2.6	26.2	\$987.9
Isd(.10) =				12.8	0.9	3.6		
C.V. =				5.0	3.5			


 F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.50

[†] 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: Early season stress from cool wet conditions caused most of these hybrids to struggle emerging. There were heavy winds in late July, but stalk quality and standability were excellent considering these conditions. The last half of July and all of Aug were dry but the root systems exhibited good mass and depth.

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LATE SEASON TEST
 99-102 Day CRM

SOIL CONDITIONS: Fram-Svea silty clay loam, 0.5% slope, well drained, 2.8% o.m., pH 6.9
 Very high P and K, fall chisel, spring field cultivate (1 pass)

B8MNWC05b

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 150-75-30-3 (actual) Urea and dry fertilizer

PEST MANAGEMENT: Harness (pre-plant incorp.), Callisto/Atrazine (post), cultivated once
 Force applied T-Band with planter

PLANTED - SEEDING: May 8 - 32,500 ppa

TOP 30 OF 54 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Nov. 2 - 27,100 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LOGGING %	STAND (x 1000)	GROSS INCOME
Gold Country	98-10VT3	YGVT3	P250	229.1	18.4	5.7	30.1	\$1,213.2
NC+ Hybrids	2227VT3	YGVT3	C250	220.1	21.3	3.7	27.6	\$1,128.0
Renk	RK670VT3	YGVT3	P250	218.6	21.0	1.0	27.0	\$1,123.4
NC+ Hybrids	1887VT3	YGVT3	C250	218.0	19.1	24.7	27.4	\$1,145.8
Trelay	5T429	YGVT3	P250	216.3	20.4	3.0	26.7	\$1,119.3
Producers	6054VT3	YGVT3	P250	215.8	19.5	2.0	27.7	\$1,128.3
Pannar	6D-409VT3	YGVT3	C250	215.7	20.1	3.7	28.7	\$1,121.0
Wensman	W7273VT3	YGVT3	P250	214.9	18.3	2.0	26.8	\$1,139.9
Kruger	K-6401VT3	YGVT3	C250	214.5	20.5	2.0	27.4	\$1,109.0
LG Seeds	LG2496VT3	YGVT3	P250	214.3	18.6	12.7	28.6	\$1,131.8
Brownseed	0C-404YGCB	YGCB	P250	214.3	22.3	10.0	28.9	\$1,084.1
NuTech Seed	3T-500VT3	YGVT3	P250	212.9	19.9	3.7	26.5	\$1,108.7
Pannar	5E-801VT3	YGVT3	C250	212.1	18.8	1.0	27.7	\$1,117.9
NuTech Seed	3W-403ARR/YGRW	YGRW, RR2	P250	211.7	20.0	2.0	25.3	\$1,101.0
Dyna-Gro	54T42	HX1, RR2	P250	210.2	21.1	7.0	27.8	\$1,078.8
Crows	2155VT3	YGVT3	C250	209.2	20.7	1.0	28.0	\$1,078.4
Kruger	K-6499VT3	YGVT3	C250	207.5	19.1	4.7	26.5	\$1,090.3
G2 Genetics	5H-004	HX1, RR2	P250	207.5	21.1	3.0	26.1	\$1,065.2
Stine	9417VT3	YGVT3	P250	206.8	18.3	11.3	27.3	\$1,096.2
Brownseed	3P-098RR/YGPL	YGPL, RR2	C250	206.0	18.3	7.3	27.0	\$1,092.7
Anderson Seeds	605VT3	YGVT3	C250	205.7	19.6	9.0	27.3	\$1,075.0
Kruger	K-6102VT3	YGVT3	C250	205.2	19.1	1.0	26.5	\$1,078.0
LG Seeds	LG2507VT3	YGVT3	P250	204.1	20.3	5.7	27.7	\$1,057.8
Producers	6114VT3	YGVT3	P250	203.5	20.8	6.3	27.7	\$1,048.9
Enestvedt	E627VT3	YGVT3	P250	203.3	19.4	1.0	28.0	\$1,064.6
Renk	RK616VT3	YGVT3	P250	202.6	19.3	2.0	26.5	\$1,061.6
Stine	9418VT3	YGVT3	P250	202.5	19.7	5.7	26.8	\$1,056.6
Dyna-Gro	55V18	YGVT3	P250	200.5	19.0	3.7	27.1	\$1,054.6
LG Seeds	LG2477VT3	YGVT3	P250	200.5	19.6	2.0	28.6	\$1,047.2
Gold Country	100-07VT3	YGVT3	P250	200.3	18.5	1.0	29.6	\$1,059.6
Pioneer	37Y14 CK	HX1, RR2	P250	184.2	19.1	3.7	26.2	\$968.1
Test Average =				202.8	19.9	5.3	27.1	\$1,055.4
Isd(.10) =				14.5	0.8	8.7		
C.V. =				5.3	2.9			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.50

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