



2007 BETTER HYBRIDS Harvest Report for South Dakota Northeast [SDNE]

Tom Frogner, Grant County, Milbank, SD [MILBANK]

FULL SEASON TEST 99-102 Day CRM

SOIL CONDITIONS: Forman-Asstad clay loam, 2-6 % slope, 3.9 % o.m.
6.1 pH, High P (60 ppm) and K (237 ppm), conventional tillage

B7SDNEb06

PREVIOUS CROP/HERB: Soybeans - Roundup

FERTILITY PROGRAM: 16-70-50 fall applied; 25 gal 28 % N pre

PEST MANAGEMENT: Balance Pro fb Callisto and Atrazine
Force with planter

PLANTED - SEEDING: May 16 - 32,000 ppa

TOP 30 HYBRIDS FOR YIELD OF 45 TESTED

HARVESTED - STAND: October 28 - 30,300 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Midwest Seed	70503S	YGCB, RR2	C250	219.3	13.5	1.0	28.3	\$714.9
Wensman	W7289VT3	YGVT3	P250	216.1	13.2	1.0	31.5	\$707.4
Kruger	K-2401RR/YGCB	YGCB, RR2	C250	212.5	13.7	1.0	32.6	\$691.5
NC+ Hybrids	2171RB	YGCB, RR2	C250	211.6	13.4	1.0	30.6	\$691.1
Crows	2121S	YGCB, RR2	C250	211.5	14.5	1.0	30.6	\$680.9
Mustang	4827RRYGPL	YGPL, RR2	P250	206.4	13.1	1.0	32.6	\$676.2
Pannar	6C-260	YGCB, RR2	C250	202.2	13.2	1.0	30.1	\$661.4
Wensman	W7309VT3	YGVT3	P250	201.5	12.9	1.0	30.3	\$662.1
Gold Country	102-04CBR	YGCB, RR2	P250	201.0	13.3	1.0	29.5	\$657.0
Heartland	STR81-04	YGPL, RR2	P250	200.8	13.4	1.0	30.3	\$655.5
Nortec	8385	YGPL, RR2	P250	200.4	13.3	1.0	30.9	\$654.7
Rea Hybrids	5N503	YGCB, RR2	P250	200.0	13.2	2.0	31.6	\$654.1
Kruger	K-6400TS	YGPL, RR2	C250	198.5	12.9	1.0	31.9	\$651.7
Kruger	K-6499VT3	YGVT3	C250	197.0	13.5	1.0	29.7	\$642.4
Renk	RK618VT3	YGVT3	P250	195.7	13.5	1.0	30.0	\$637.7
Producers	6054VT3	YGVT3	P250	195.3	13.3	1.0	30.4	\$638.6
AgSource	3T-099AVT3	YGVT3		193.9	13.4	1.0	29.5	\$632.5
Wensman	W6307RR	RR2	P250	192.0	13.6	1.0	31.9	\$625.3
NuTech Seed	3P-302RR/YGPL	YGPL, RR2	C250	191.7	14.1	1.0	31.6	\$620.7
AgVenture	AV6323R2CB	YGCB, RR2	P250	190.1	13.1	0.7	29.2	\$622.9
Fielders Choice	NG6580	YGCB, RR2	P250	190.0	13.4	2.0	29.0	\$620.1
Rea Hybrids	5N571	YGCB, RR2	P250	189.7	13.4	1.0	30.7	\$619.3
IntegraSeed	INT6799RBC	YGPL, RR2	P250	189.6	12.8	1.0	30.9	\$623.5
NuTech Seed	3T-799VT3	YGVT3	C250	189.1	13.3	1.0	30.4	\$618.1
NuTech Seed	3C-303RRYGCB	YGCB, RR2	P1250	187.7	12.8	1.0	31.0	\$616.9
IntegraSeed	INT9530	RR2	P250	184.7	12.9	1.0	29.2	\$606.7
Heartland	STR11-00	YGPL, RR2	P250	184.2	13.3	1.0	28.3	\$602.2
Nortec	6445	HX1, LL	P250	183.8	12.6	1.0	29.8	\$605.7
AgSource	0C-098YGCB	YGCB	P250	183.2	13.4	1.0	31.2	\$597.6
Nortec	8425	YGPL, RR2	P250	183.0	13.2	1.0	29.2	\$599.2
Pioneer	37Y14 CK	HXX, LL, RR2	P250	194.2	13.1	1.0	30.1	\$636.1
Test Average =				189.2	13.2	1.1	30.3	\$618.9
Isd(.10) =				16.6	0.7	ns		
C.V. =				6.4	3.7			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.20

RESISTANCE TECHNOLOGIES: **Corn Borer** - CB, HX1, HXTRA, HXX, YGCB, YGPL, YGVT3, **Corn Rootworm** - HXTRA, HXX, RW, YGPL, YGRW, YGVT2, YGVT3, **Clearfield** - CL **Glyphosate** - GT, RR2, YGVT2, YGVT3 **Liberty** - 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: There was plenty of moisture in the soil profile when this site was planted. June was dry, but July actually brought enough rain showers to keep the corn growing well. Rains at harvest time caused harvest delays here, but Tom has seen above average yields in his fields this year. Final plant populations were good, and lodging was minimal - even for the late harvest.

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TOP 30 HYBRIDS FOR GROSS INCOME OF 45 TESTED

AVERAGE of (3) REPLICATIONS

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Heartland	STR11-00	YGPL, RR2	P250	184.2	13.3	1.0	28.3	\$602.2
IntegraSeed	INT6602RBC	YGCB, RR2	P250	182.9	13.0	1.0	30.6	\$600.2
Nortec	8425	YGPL, RR2	P250	183.0	13.2	1.0	29.2	\$599.2
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 A list of all the hybrids in this test is available at www.firstseedtests.com

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