

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

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

EARLY SEASON TEST
93-98 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

B7SDNEa06

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 63 TESTED
HARVESTED - STAND: October 28 - 30,100 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
AgVenture	AV5480YPRR	YGPL, RR2	P250	213.4	13.2	1.0	31.9	\$697.9
Stine	9417VT3	YGVT3	P250	211.2	13.3	1.0	30.7	\$690.5
Fielders Choice	7470S	YGCB, RR2	P250	208.1	13.3	1.0	29.8	\$679.7
Kruger	K-9496TS	YGPL, RR2	C250	207.5	13.4	1.0	31.5	\$677.2
NuTech Seed	3T-098VT3	YGVT3	C250	205.2	14.1	1.0	30.1	\$663.7
Producers	5734VT3	YGVT3	P250	204.2	13.1	1.0	31.8	\$669.2
Kruger	K-6697TS	YGPL, RR2	C250	202.3	13.5	1.0	29.5	\$659.5
Midwest Seed	69574VTTR2	YGVT2	P250	200.0	13.7	1.0	28.6	\$650.8
Prairie Brand	988VTTR	YGVT3	P250	199.6	13.3	1.0	31.0	\$652.3
Johnson	4198VT3	YGVT3	P250	199.4	13.6	1.0	29.7	\$649.2
NC+ Hybrids	1775VT3	YGVT3	C250	199.2	13.0	1.0	30.3	\$653.5
NK Brand	N38-B4	GT, CB, LL	C250	198.7	14.0	1.0	30.4	\$643.9
Fielders Choice	NG6510	YGVT3	P250	198.7	13.4	1.0	31.0	\$648.3
Dairyland	9799	YGPL, RR2	P250	198.1	13.2	1.0	29.2	\$648.3
AgSource	3T-099VT3	YGVT3		197.2	13.8	1.0	33.3	\$640.3
Mustang	4557RRYGPL	YGPL, RR2	P250	196.7	13.5	1.0	31.9	\$641.1
Pannar	5D-303	YGVT3	C250	196.7	13.4	1.0	31.9	\$641.7
Midwest Seed	69704VT3	YGVT3	C250	196.6	13.2	1.0	30.6	\$643.5
Heartland	STR91-95	YGPL, RR2	P250	193.8	13.9	1.0	28.4	\$628.6
Wensman	W6266BtRR	YGCB, RR2	P250	193.7	13.8	1.0	30.3	\$628.9
NuTech Seed	3T-995VT3	YGVT3	C250	193.5	13.0	1.0	29.5	\$634.3
Mustang	3077RRYGPL	YGPL, RR2	P250	192.1	12.9	1.0	31.3	\$630.5
Fontanelle	4N627	YGCB, RR2	P250	191.5	13.0	1.0	30.1	\$628.3
Prairie Brand	943VTTR	YGVT3	P250	190.6	14.1	1.0	30.9	\$616.9
Fontanelle	5N515	YGCB, RR2	P250	188.0	13.8	1.0	31.2	\$610.7
Dahlco	2482	YGVT3	P250	188.0	13.4	1.0	32.6	\$613.9
Dyna-Gro	53P87	YGCB, RR2	P250	187.3	13.6	1.0	29.2	\$609.7
Pannar	4E-705	YGVT3	C250	187.2	13.3	1.0	30.7	\$611.9
Dahlco	X-6944	YGCB, RR2	P250	186.4	12.7	1.0	31.6	\$613.5
Gold Country	93-04CBR	YGCB, RR2	P250	186.2	13.7	2.0	30.3	\$605.7
Pioneer	37Y14 CK	HXX, LL, RR2	P250	185.3	13.6	1.0	30.6	\$603.7
Test Average =				185.9	13.3	1.1	30.1	\$607.6
Isd(.10) =				19.1	0.6	ns		
C.V. =				7.6	3.3			

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, YGVL, YGVT3, **Corn Rootworm** - HXTRA, HXX, RW, YGVL, 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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