

2007 BETTER HYBRIDS Harvest Report for South Dakota Southeast [SDSE]

Craig Lukes, Minnehaha County, Humboldt, SD [HUMBOLDT]

EARLY SEASON TEST
99-104 Day CRM
SOIL CONDITIONS: Silty clay loam, 1-3 % slope
 2.9 % o.m., 7.2 pH, Medium P and K, Conventional Till

B7SDSEa08

PREVIOUS CROP/HERB: Soybeans - Roundup

FERTILITY PROGRAM: 130-70-30

PEST MANAGEMENT: Roundup pre fb 2 qts Keystone LA
 Force insecticide with planter

PLANTED - SEEDING: May 14 - 26,100 ppa

TOP 30 HYBRIDS FOR YIELD OF 63 TESTED
HARVESTED - STAND: October 11 - 25,400 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Wensman	W7375BtRWRR	YGPL, RR2	P250	200.8	18.9	3.0	26.0	\$610.9
Fontanelle	4N627	YGCB, RR2	P250	200.8	16.5	3.0	26.3	\$630.2
Heartland	HTL200RR	HX1, LL, RR2	P250	198.8	18.3	2.0	25.8	\$609.8
Wensman	W7309VT3	YGVT3	P250	197.5	18.1	2.0	26.3	\$607.8
NuTech Seed	3C-303RRYGCB	YGCB, RR2	P1250	197.4	17.5	7.0	26.7	\$611.7
Kruger	K-6499VT3	YGVT3	C250	193.0	16.6	5.7	24.0	\$605.3
Circle Seed	CS-2400RR/YGCB	YGCB, RR2	C250	191.0	17.2	1.0	25.8	\$594.5
Rea Hybrids	5N749	YGCB, RR2	P250	191.0	18.4	1.0	26.9	\$584.9
Renk	RK670RRYGPL	YGPL, RR2	P250	190.3	17.5	2.0	25.7	\$589.7
Great Lakes	5416G3VT3	YGVT3	P250	190.1	19.3	5.7	26.7	\$576.0
Fields Choice	NG6580	YGCB, RR2	P250	189.8	17.6	2.0	24.0	\$587.5
Fields Choice	7550HR	HX1, LL, RR2	P250	188.7	17.9	1.7	26.1	\$581.6
Nortec	8425	YGPL, RR2	P250	187.5	17.4	1.0	24.3	\$581.6
Gold Country	100-07CBR	YGCB, RR2	P250	185.6	16.9	1.0	25.5	\$579.9
Prairie Brand	1038RR	RR2	P250	185.1	16.7	2.0	25.1	\$580.1
Pannar	6D-409	YGVT3	P250	182.7	16.4	1.0	25.2	\$574.8
Producers	6463YGCBRR CK	YGCB, RR2	P250	181.8	18.1	4.7	27.1	\$559.4
Mustang	5887RRYGPL	YGPL, RR2	P250	181.6	18.9	5.7	26.6	\$552.6
IntegraSeed	INT9530	RR2	P250	180.9	16.6	1.0	26.0	\$567.6
NC+ Hybrids	2171RB	YGCB, RR2	C250	180.7	18.2	2.0	25.1	\$554.8
Rea Hybrids	5N515	YGCB, RR2	P250	180.6	17.7	2.0	26.1	\$558.2
Gold Country	98-10VT3	YGVT3	P250	180.5	15.9	1.0	24.9	\$571.0
Great Lakes	5362G3	YGPL, RR2	P250	180.1	18.4	2.0	26.6	\$551.5
Nortec	8445	YGPL, RR2	P250	179.8	17.5	1.0	25.4	\$557.3
Pannar	5E-801	YGVT3	P250	179.7	17.6	2.0	27.2	\$556.4
Epley	E1231			179.7	17.4	2.0	26.0	\$558.0
Heartland	STR81-04	YGPL, RR2	P250	178.4	17.9	13.7	25.5	\$550.5
NK Brand	N36-T3	CB, LL	C250	178.2	18.3	1.0	25.4	\$547.0
Circle Seed	CS-8502HX	HX1, LL	C250	177.5	18.6	12.7	25.7	\$542.5
NK Brand	N51-T8	CB, LL	C250	177.1	20.7	3.0	27.1	\$526.5
Pioneer	36V75 CK	HX1, LL, RR2	P250	163.0	17.8	3.0	22.5	\$503.2
Test Average =				176.4	18.1	2.9	25.4	\$542.4
Isd(.10) =				15.5	1.0	6.4		
C.V. =				6.5	4.2			

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: Soil had plenty of moisture at planting, and rain continued into early June. The weather turned quite dry and warm from the end of June through July. August brought 7 inches of rain, providing minor help for kernel fill. Some stalk lodging was evident, but mostly corn stood well. Yields are very good - Craig stated that most of his fields are well above his 5 year ave of 130 bpa.

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 F.I.R.S.T. Manager

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