

2008 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]
EARLY SEASON TEST

Jon Feller, Miner County, Howard, SD [HOWARD]

99-104 Day CRM

SOIL CONDITIONS: Silt loam, 0-2% slope, moderately well drained
 4.0% o.m., 6.6 pH, Medium P and K, No Till

B8SDSE10a

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 120-60-40-5 sulfur

PEST MANAGEMENT: Roundup burndown - Callisto post
 Force with planter

PLANTED - SEEDING: May 27 - 32,000 ppa

TOP 30 OF 54 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Nov. 3 - 25,000 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Rea Hybrids	5T750	YGVT3	P250	144.0	16.0	0.3	26.1	\$783.6
G2 Genetics	1H-005	HX1	P250	141.1	19.0	0.0	24.3	\$742.0
King Seed	6800GTCBLL	CB, LL, GT	C250	137.6	18.6	6.0	26.1	\$727.3
Fielders Choice	EXP561S	YGCB, RR2	P250	137.1	16.5	1.7	24.8	\$741.8
Mustang	5307VT3	YGVT3	P250	137.0	16.3	5.3	26.1	\$743.3
Fielders Choice	NG6583	YGVT3	P250	134.0	18.4	3.0	22.0	\$709.8
Fontanelle	5T128	YGVT3	P250	134.0	17.0	8.7	25.2	\$720.5
DeKalb	DKC50-19	YGVT3	P250	133.5	16.0	0.7	24.8	\$726.7
NC+ Hybrids	2227VT3	YGVT3	C250	133.1	17.8	8.7	24.3	\$709.7
Fontanelle	4T722	YGVT3	P250	132.5	15.3	8.7	25.7	\$726.6
Midwest Seed	69805VT3	YGVT3	C250	131.8	14.4	5.7	24.3	\$729.4
Kruger	K-6499VT3	YGVT3	C250	131.5	16.4	4.0	26.6	\$712.2
Renk	RK670VT3	YGVT3	P250	131.4	17.2	0.3	24.8	\$705.6
Rea Hybrids	5T128	YGVT3	P250	131.2	16.1	17.3	26.0	\$712.6
NC+ Hybrids	1887VT3	YGVT3	C250	131.0	14.6	1.0	23.8	\$723.4
Midwest Seed	72116VT3	YGVT3	C250	130.7	17.6	2.0	27.2	\$698.8
AgSource	0C-404CYGCB	YGCB	P250	130.3	17.9	6.0	25.2	\$693.9
Gold Country	102-04VT3	YGVT3	P250	130.1	18.0	12.3	24.3	\$691.9
Wensman	W7360BTRWRR	YGPL, RR2	P250	129.8	17.8	2.0	22.9	\$691.7
Wensman	W7289VT3	YGVT3	P250	129.6	17.1	1.3	27.1	\$696.0
Stine	9417VT3	YGVT3	P250	129.0	15.4	4.3	23.8	\$706.8
NuTech Seed	3C-300RR/YGCB	YGCB, RR2	P250	128.6	15.4	1.7	25.8	\$704.2
Great Lakes	5306G3VT3	YGVT3	P250	128.4	16.8	0.3	27.1	\$692.2
NuTech Seed	3W-403RR/YGRW	YGRW, RR2	P250	128.1	16.0	0.0	24.3	\$696.7
Crows	1835VT3	YGVT3	C250	127.8	14.6	3.3	26.1	\$705.6
AgSource	3T-799VT3	YGVT3	C250	127.7	15.6	5.7	24.3	\$697.9
Prairie Brand	1038VT3	YGVT3	P250	127.0	16.1	0.3	25.7	\$690.0
Pannar	6D-409VT3	YGVT3	C250	127.0	16.2	1.0	24.3	\$688.8
King Seed	6111CBLLRW	CB, RW, LL	C250	126.9	15.8	3.0	26.1	\$692.0
Renk	RK698RRYGRW	YGRW, RR2	P250	124.1	15.1	6.3	23.7	\$681.9
Pioneer	35F40 CK	HX1, RR2	P250	116.0	18.1	2.0	26.1	\$616.5
Test Average =				124.9	16.5	5.2	25.0	\$675.3
Isd(.10) =				19.1	2.0	12.3		
C.V. =				11.2	9.0			


 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: Cool, wet spring weather continued into early June, causing crop development to lag behind schedule all year. This site turned quite dry during July and August, preventing maximum yields. The moderate temps of the summer months prevented severe total yield loss. Plants at harvest time were short with spindly stalks. Stalk lodging was present in various amounts.

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LATE SEASON TEST

105-108 Day CRM

SOIL CONDITIONS: Silt loam, 0-2% slope, moderately well drained
 4.0% o.m., 6.6 pH, Medium P and K, No Till

B8SDSE10b

PREVIOUS CROP/HERB: Soybean / Roundup

FERTILITY PROGRAM: 120-60-40-5 sulfur

PEST MANAGEMENT: Roundup burndown - Callisto post
 Force with planter

PLANTED - SEEDING: May 27 - 32,000 ppa

TOP 30 OF 45 HYBRIDS FOR GROSS INCOME (SORTED BY YIELD)
HARVESTED - STAND: Nov. 3 - 25,000 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY [†]	IST ^{††}	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
DeKalb	DKC53-06	YGPL, RR2	P250	150.3	18.9	0.7	25.2	\$792.0
DeKalb	DKC52-43	YGVT3	P250	144.8	16.3	0.7	25.2	\$785.4
Gold Country	107-01CBRCRW	YGPL, RR2	P250	142.9	22.0	0.7	23.4	\$725.7
Crows	4726Y	YGPL	C250	138.5	25.0	0.7	26.1	\$678.4
Fielders Choice	NG6676	YGVT3	P250	138.1	21.6	0.7	26.4	\$704.8
Wensman	W7469VT3	YGVT3	P250	137.5	29.8	0.0	23.8	\$634.0
LG Seeds	LG2545VT3	YGVT3	P250	134.0	30.6	0.7	24.8	\$611.4
NC+ Hybrids	4516BD	YGPL	C250	133.2	25.8	0.3	25.7	\$645.8
Producers	6634VT3	YGVT3	P250	132.5	20.6	2.7	24.6	\$684.2
AgSource	3C-007RR/YGCB	YGCB, RR2	C250	131.9	20.7	1.3	22.0	\$680.6
Kruger	K-6006VT3	YGVT3	C250	131.7	18.8	0.3	27.1	\$694.8
Kruger	K-6007TS	YGPL, RR2	C250	131.6	21.7	3.0	27.1	\$670.7
Wensman	W7455VT3	YGVT3	P250	130.8	28.5	0.3	23.8	\$613.7
Brownseed	3C-408RR/YGCB	YGCB, RR2	P250	129.5	23.9	0.3	25.2	\$643.5
Renk	RK760RRYGCB	YGCB, RR2	P250	126.6	20.5	1.7	24.3	\$654.9
DeKalb	DKC52-59	YGVT3	P250	126.1	15.9	1.7	22.3	\$686.7
NuTech Seed	3T-809VT3	YGVT3	P250	125.8	23.1	1.3	23.4	\$631.1
Brownseed	3T-409VT3	YGVT3	C250	125.0	22.8	0.0	24.8	\$628.8
Fielders Choice	NG6686	YGVT3	P250	124.2	22.7	13.7	25.1	\$626.0
Wensman	W7433VT3	YGVT3	P250	124.1	17.8	3.3	26.4	\$662.1
Pannar	7B-880VT3	YGVT3	C250	123.8	21.1	0.3	26.6	\$635.1
Midwest Seed	76804Y	YGPL	C250	123.7	25.3	1.3	25.7	\$604.2
G2 Genetics	5H-506	HX1, RR2	P250	122.1	18.6	1.3	26.6	\$644.9
Fontanelle	6T226	YGVT3	P250	120.8	19.7	0.7	26.6	\$630.2
Fielders Choice	NG6691	RR2	P250	120.5	19.0	0.3	23.8	\$633.7
Great Lakes	4951BtRR	YGCB, RR2	P250	116.5	18.7	0.0	25.1	\$615.0
NuTech Seed	3T-208VT3	YGVT3	P250	116.3	23.0	0.3	23.4	\$584.1
Farm Advantage	5406	HX1	C250	116.2	19.3	4.3	25.7	\$609.3
Kruger	K-6606VT3	YGVT3	C250	112.4	19.6	8.3	25.1	\$587.3
NC+ Hybrids	3613VT3	YGVT3	C250	111.0	18.3	1.3	24.3	\$588.2
Pioneer	35F40 CK	HX1, RR2	P250	114.9	19.1	1.7	25.2	\$604.2
Test Average =				122.1	22.6	1.7	25.0	\$616.1
Isd(.10) =				19.2	3.2	5.3		
C.V. =				11.4	10.3			


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 A list of all the hybrids in this test is available at www.firstseedtests.com

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Revised Nov. 11 - correct late season test number