

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

Jesse Monnens, Clark County, Hazel, SD [HAZEL]

FULL SEASON TEST
99-102 Day CRM
SOIL CONDITIONS: Silty loam, 2-6 % slope, 2.3 % o.m.
 5.9 pH, high P and K, conventional tillage

B7SDNEb02

PREVIOUS CROP/HERB: Soybeans - Roundup

FERTILITY PROGRAM: 140-60-0

PEST MANAGEMENT: Callisto/Atrazine post
 Force with planter

PLANTED - SEEDING: May 12 - 32,000 ppa

TOP 30 HYBRIDS FOR YIELD OF 45 TESTED
HARVESTED - STAND: October 28 - 24,500 ppa

AVERAGE of (3) REPLICATIONS

COMPANY	HYBRID	TECHNOLOGY	IST	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
IntegraSeed	INT9530	RR2	P250	139.4	13.3	1.0	25.4	\$455.7
Wensman	W7309VT3	YGVT3	P250	131.6	14.2	1.0	24.0	\$425.2
Midwest Seed	70503S	YGCB, RR2	C250	131.3	16.1	1.0	24.1	\$414.5
NC+ Hybrids	2171RB	YGCB, RR2	C250	128.3	16.0	1.0	25.2	\$405.2
Kruger	K-2401RR/YGCB	YGCB, RR2	C250	127.4	16.1	1.0	23.5	\$402.1
Fielders Choice	NG6580	YGCB, RR2	P250	126.5	15.6	1.0	23.1	\$401.9
Dahloo	2505	YGPL, RR2	P250	124.7	13.7	1.0	24.9	\$405.6
Nortec	8425	YGPL, RR2	P250	124.5	13.5	1.0	24.9	\$406.0
Stine	9416RRYGCB	YGCB, RR2	P250	123.9	13.2	1.0	24.6	\$405.4
Pannar	5E-900	YGPL, RR2	C250	123.8	13.0	1.0	26.9	\$406.0
AgVenture	AV6323R2CB	YGCB, RR2	P250	123.8	14.1	1.0	23.8	\$400.6
IntegraSeed	INT6799RBC	YGPL, RR2	P250	122.4	13.2	1.0	24.3	\$400.7
AgSource	0C-098YGCB	YGCB	P250	121.5	13.9	1.0	26.4	\$394.4
Kruger	K-6499VT3	YGVT3	C250	118.3	13.9	1.0	25.4	\$384.0
Crows	2121S	YGCB, RR2	C250	118.2	16.6	1.0	24.0	\$370.6
Wensman	W7289VT3	YGVT3	P250	118.1	15.1	1.0	23.8	\$377.4
Nortec	6445	HX1, LL	P250	117.8	15.4	1.0	24.3	\$375.2
Producers	5624VT3 CK	YGVT3	P250	117.0	12.7	1.0	24.1	\$385.5
Johnson	4707VT3	YGVT3	P250	116.4	13.1	1.0	25.5	\$381.3
Farm Advantage	9699L	CB, LL	C250	115.8	14.4	1.0	24.9	\$373.5
Wensman	W6307RR	RR2	P250	114.6	15.1	1.0	25.5	\$366.2
Heartland	HTL200RR	HX1, LL, RR2	P250	114.3	14.7	1.0	24.5	\$367.1
Producers	6054VT3	YGVT3	P250	113.9	14.8	1.0	25.8	\$365.5
Gold Country	102-04CBR	YGCB, RR2	P250	113.6	16.7	1.0	24.0	\$355.7
Fielders Choice	7558WPR	YGPL, RR2	P250	112.4	13.4	1.0	24.6	\$367.0
Rea Hybrids	5N571	YGCB, RR2	P250	111.9	15.2	1.0	25.7	\$357.0
Nortec	8385	YGPL, RR2	P250	109.6	14.9	1.0	24.6	\$351.0
Pannar	5E-801	YGVT3	P250	109.1	13.2	1.0	26.0	\$356.9
Kruger	K-6400TS	YGPL, RR2	C250	106.4	14.9	1.0	26.3	\$340.9
Heartland	STR81-04	YGPL, RR2	P250	105.5	13.4	1.0	22.2	\$344.1
Pioneer	37Y14 CK	HXX, LL, RR2	P250	86.7	14.0	1.0	22.8	\$280.8
Test Average =				112.7	14.4	1.0	24.5	\$363.0
Isd(.10) =				24.8	0.7	ns		
C.V. =				16.0	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: Soil moisture at planting was marginally wet. Continued cool, wet conditions reduced emergence and hybrid vigor, slowing crop development. Hot and dry conditions prevailed from mid-June through mid-July, and late season rains were not enough to help this crop reach potential. Weed pressure was heavy due to delayed spray timing and some low stand counts.

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