

2007 BETTER VARIETIES Harvest Report for South Dakota East Central [SDEC]

S7SDEC07

Stuart Benson, Moody County, Flandreau, SD [TRENT]

SOIL CONDITIONS: Moody-Trent silty clay loam, 0-3 % slope
 4.5 % o.m., 6.4 pH, Medium P and K

PREVIOUS CROP: Corn - Harness Xtra fb Callisto
TILLAGE/CULTIVATION: Conventional Tillage

 1.6 - 2.3 MAT. GROUP
 30" ROW SPACING

PEST MANAGEMENT: Roundup Twice

PLANTED - SEEDING: May 22 - 160,000 ppa
HARVESTED - STAND: October 25 - 152,700 ppa

TOP 30 FOR YIELD OF 36 TESTED
 AVERAGE of (3) REPLICATIONS

COMPANY	VARIETY	SCN RESIST	SEED TRT's	MAT	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Midwest Seed	GR1735	S		1.7	52.6	11.4	0.0	154.9	\$434.9
Kruger	K-201RR/SCN	R		2.0	51.2	11.2	0.0	151.7	\$423.6
Farm Advantage	7205	S		2.0	50.7	11.7	1.3	153.3	\$418.0
Prairie Brand	PB-2147RR	S		2.1	50.4	11.7	0.0	151.7	\$415.5
Prairie Brand	PB-X215RR	S		2.3	50.3	11.6	0.0	153.3	\$415.0
Gold Country	GCS3817RR	S	TRT	1.7	50.1	11.7	0.0	142.0	\$413.4
Mustang	M-168RR	S		1.6	49.8	11.3	0.0	154.9	\$411.7
Pioneer	91M70			1.7	49.5	11.5	0.0	153.3	\$408.9
Gold Country	GCS2815RR	S		1.4	49.0	11.4	0.0	156.5	\$405.3
Kruger	K-239RR	S		2.3	49.0	11.9	0.0	153.3	\$403.6
Gold Country	GCS9822RR	S		2.2	48.6	12.0	0.0	158.1	\$400.9
Crows	C1706R	S		1.7	48.6	11.5	0.0	150.8	\$401.7
Gold Country	GCS8820NRR	R		2.0	48.5	12.0	0.0	150.0	\$399.9
Dahlco	5200RRC	R		2.0	48.3	11.7	0.0	150.0	\$398.9
Kruger	K-163RR	S	TRT	1.6	48.1	11.8	0.0	156.5	\$396.9
Dyna-Gro	38G23	R	AP	2.3	47.9	11.9	0.0	150.0	\$394.5
Kruger	K-228RR/SCN	R	TRT	2.2	47.7	12.1	0.0	158.1	\$393.2
Prairie Brand	PB-2117NRR	R		2.1	47.6	12.0	0.0	154.9	\$391.9
Dekalb	DKB18-51			1.8	47.4	11.6	0.0	149.2	\$391.1
Prairie Brand	PB-1954RR	S		1.9	47.2	11.6	0.0	158.1	\$389.8
Kruger	K-167RR/SCN	R		1.6	46.9	11.8	0.0	154.9	\$387.1
Mustang	M-207RR	S		2.0	46.7	11.7	0.0	150.0	\$385.6
Prairie Brand	PB-1956RR	S		2.1	46.6	12.0	0.0	153.3	\$383.9
Asgrow	AG2422V			2.4	46.5	11.5	0.0	153.3	\$384.4
Dekalb	DKB16-52			1.6	46.5	11.2	0.0	159.7	\$384.6
Dyna-Gro	31D20	R		2.0	46.4	11.3	0.0	154.9	\$383.7
Dyna-Gro	37Y21	R		2.1	46.4	11.5	0.0	154.9	\$383.2
Producers	225RR	S		2.2	46.3	11.7	3.0	151.7	\$382.3
Asgrow	AG2002	R		2.0	46.2	11.5	0.0	153.3	\$382.0
Pioneer	92M32			2.3	46.2	11.6	0.0	139.6	\$381.3
Test Average =					47.6	11.7	0.1	152.7	\$392.8
Isd(.10) =					4.4	0.2	ns		
C.V. =					6.8	1.1			

YIELD/INCOME FACTORS: BASE MOISTURE = 13.0% | SHRINK = 1.4 | DRYING = \$.040/Pt/Bu | PRICE = \$8.20/Bu

SEED TRT's KEY: AP - Apron, CM - CruiserMaxx, FM - Fudioxonil & Mefenoxam, G - Gaucho, MX - Maxim, PO - PunchOut, PR - Protege, QK - Qualikote, SG - Sure Gro, SGD - SoyGard, SK - Superkote, THM - Thiram, TRT - Treated

FIELD NOTES: Rains in early spring re-charged the soil profile prior to planting. The weather turned very dry from mid-June until August 1st, with only 0.3" rain falling during that time. Light rains in August boosted yield potential, but a hard frost on September 14 cut the season short. Stuart's 2006 F.I.R.S.T. plot averaged 58.3 bpa.