

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

S7SDEC05

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

SOIL CONDITIONS: Silty clay loam, 0-6 % slope, 2.8 % o.m.
 6.0 pH, Medium P and K

PREVIOUS CROP: Corn - Round Up
TILLAGE/CULTIVATION: Conventional

 1.6 - 2.3 MAT. GROUP
 30" ROW SPACING

PEST MANAGEMENT: Round Up

PLANTED - SEEDING: May 14 - 160,000 ppa
HARVESTED - STAND: October 4 - 142,100 ppa

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

COMPANY	VARIETY	MAT.	SCN RESIST	SEED TRT's	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Farm Advantage	7205	S		2.0	58.3	9.2	0.0	148.4	\$486.7
Kruger	K-194RR	S		1.9	56.5	9.2	0.0	125.8	\$472.2
Prairie Brand	PB-1956RR	S		2.1	54.2	9.6	0.0	146.8	\$452.0
Kruger	K-170RR/SCN	R		1.7	53.6	9.4	0.0	145.2	\$447.5
Dyna-Gro	38G23	R	AP	2.3	53.1	9.9	0.0	150.0	\$442.5
Midwest Seed	GR1735	S		1.7	52.1	6.2	0.0	142.0	\$441.4
Prairie Brand	PB-1954RR	S		1.9	52.1	9.1	0.0	148.4	\$435.2
Kruger	K-204RR/SCN	R		2.0	50.9	9.6	0.0	146.8	\$424.0
Gold Country	GCS2815RR	S		1.4	50.4	9.1	0.0	148.4	\$421.3
Dyna-Gro	37Y21	R		2.1	49.6	9.2	0.0	142.0	\$414.4
Crows	C1706R	S		1.7	49.6	6.3	0.0	140.4	\$419.8
Gold Country	GCS9822RR	S		2.2	49.3	9.4	0.0	148.4	\$411.6
Prairie Brand	PB-2117NRR	R		2.1	48.9	9.6	0.0	148.4	\$407.5
Gold Country	GCS8820NRR	R		2.0	48.5	9.4	0.0	146.8	\$405.0
Kruger	K-228RR/SCN	R	TRT	2.2	48.5	9.6	0.0	148.4	\$404.3
Pioneer	91M70			1.7	48.5	9.3	0.0	142.0	\$404.7
Kruger	K-239RR	S		2.3	48.4	9.4	0.0	124.2	\$403.8
Dyna-Gro	31D20	R		2.0	48.3	9.2	0.0	148.4	\$403.5
Mustang	M-207RR	S		2.0	48.1	9.2	0.0	133.9	\$401.3
Dekalb	DKB16-52			1.6	46.5	9.0	0.0	148.4	\$388.3
Stine	1916-4	S		1.9	46.2	9.4	0.0	132.3	\$385.7
Crows	C1615R	R		1.6	46.1	9.1	0.0	140.4	\$385.4
Producers	225RR	S		2.2	45.5	9.7	0.0	148.4	\$378.7
Dahlco	5200RRC	R		2.0	45.2	9.0	0.0	125.8	\$377.8
Dekalb	DKB18-51			1.8	44.8	9.5	0.0	148.4	\$373.7
Mustang	M-168RR	S		1.6	44.6	9.1	0.0	122.6	\$373.0
Mustang	M-228NRR	R		2.2	44.2	9.6	0.0	135.5	\$368.1
Kruger	K-167RR/SCN	R		1.6	44.1	9.4	0.0	148.4	\$367.6
Pioneer	92M32			2.3	43.5	9.4	0.0	142.0	\$362.9
Asgrow	AG2002	R		2.0	42.7	9.2	0.0	148.4	\$356.6
Test Average =					47.4	9.2	0.0	142.1	\$396.3
Lsd(.10) =					6.0	ns	ns		
C.V. =					9.3	13.5			

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: *Planting conditions were moist, and emergence was uneven in some plots. Rainfall was scarce during June and July. August brought enough rain to allow the soybeans to fill pods. Plant height was variable at this site, with some individual plots also showing low stand counts.*