

**2007 BETTER VARIETIES Harvest Report for South Dakota Northeast [ SDNE ]**

S7SDNE03

Greg Lanners, Deuel County, Clear Lake, SD [ CLEAR LAKE ]

**SOIL CONDITIONS:** Brookings-Kranzburg clay loam, 0-2 % slope  
 5.7 % o.m., 7.7 pH, Medium P (19 ppm), High K (205 ppm)

**PREVIOUS CROP:** Corn - Balance Pro and Atrazine early, Steadfast and Callisto late  
**TILLAGE/CULTIVATION:** Conventional Tillage

 1.0 - 1.7 MAT. GROUP  
 30" ROW SPACING

**PEST MANAGEMENT:** Roundup early and late post

**PLANTED - SEEDING:** May 21 - 160,000 ppa  
**HARVESTED - STAND:** October 13 - 160,000 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
Stine	1008-4	S		1.0	48.4	14.2	0.0	161.1	\$394.8
Kruger	K-163RR	S	TRT	1.6	45.9	14.6	0.0	167.7	\$373.5
Dahlco	6100RRC	MR		1.0	45.1	14.9	0.0	147.1	\$366.3
Midwest Seed	GR0903	S		1.0	45.0	14.7	0.0	154.6	\$366.3
Midwest Seed	GR1311	S		1.3	44.8	14.8	0.0	157.4	\$364.2
Crows	C1540R	S		1.5	44.7	14.6	0.0	168.6	\$364.0
Kruger	K-142RR	S		1.4	44.6	14.6	0.0	168.6	\$363.2
Kruger	K-147RR/SCN	R		1.4	44.5	14.6	0.0	168.6	\$361.8
Midwest Seed	GR1510	S		1.5	44.3	14.6	0.0	159.3	\$360.7
Gold Country	GCS2713RR	S		1.3	43.9	14.5	0.0	151.8	\$357.6
Kruger	K-120RR	S		1.2	43.7	15.0	0.0	157.4	\$354.6
Dyna-Gro	SXO7713	S	TRT	1.3	43.4	14.1	0.0	163.0	\$353.6
Crows	C1306R	S		1.3	43.1	14.9	0.0	145.2	\$349.8
Producers	136RR	S		1.3	42.5	14.3	0.0	153.6	\$346.5
Kruger	K-167RR/SCN	R		1.6	42.3	14.5	0.0	140.5	\$344.1
Dahlco	6150RR	S		1.5	42.0	14.6	0.0	157.4	\$342.2
Prairie Brand	PB-1607RR	S		1.6	40.9	14.5	0.0	164.9	\$333.2
Kruger	K-140RR	S		1.5	40.5	14.7	0.0	164.9	\$329.1
Gold Country	GCS3817RR	S	TRT	1.7	39.7	14.3	0.0	166.7	\$323.7
Kruger	K-100RR	S		1.0	39.7	14.5	0.0	168.6	\$322.9
Stine	1468-4	S		1.4	39.6	14.4	0.0	157.4	\$322.6
Prairie Brand	PB-1597RR	S		1.5	39.6	14.5	0.0	164.9	\$322.1
Crows	C1706R	S		1.7	39.5	14.5	0.0	167.1	\$321.5
Dyna-Gro	36A15	S		1.5	39.2	14.5	0.0	162.1	\$319.5
NC+ Hybrids	1A51RR	S		1.5	39.2	14.7	0.0	159.3	\$319.2
Pioneer	91M70			1.7	39.0	14.3	0.0	166.7	\$318.1
Dekalb	DKB18-51			1.8	38.9	14.4	0.0	152.7	\$316.7
Prairie Brand	PB-1337RR	S		1.3	38.8	14.0	0.0	155.5	\$316.6
Gold Country	GCS2815RR	S		1.4	38.4	14.5	0.0	157.4	\$312.9
Gold Country	GCS8716RR	S		1.6	38.4	14.1	0.0	163.0	\$313.3
Test Average =					41.1	14.5	0.0	160.0	\$334.6
lsd(.10) =					3.6	0.2	ns		
C.V. =					6.5	1.2			

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:** Soil moisture was good at planting, and early season moisture was good. The last half of June and all of July were dry. Aphid pressure was just below threshold, so Greg did not spray. Soybean yields here were disappointing to Greg, but the corn crop looks impressive. Greg's long term average yield is 37-45 bpa.