

**2007 BETTER VARIETIES Harvest Report for Minnesota Southern [MNSO]**

S7MNSO09

Tom &amp; Jeff Warmka, Easton, Faribault County, MN [EASTON]

**SOIL CONDITIONS:** Nicollet-Webster clay loam, 1.0% slope, well drained  
 3.7% o.m., 6.2 soil pH, very high P, high K

**PREVIOUS CROP:** Corn

1.6 - 2.3 MAT. GROUP

**TILLAGE/CULTIVATION:** Fall chisel (shallow), spring field cultivate (1 pass)

30" ROW SPACING

**PEST MANAGEMENT:** Generic glyphosate (2 passes), Governor insecticide

**PLANTED - SEEDING:** May 9 - 145,000/A

**TOP 30 FOR YIELD OF 63 TESTED**
**HARVESTED - STAND:** October 13 - 133,800/A

**AVERAGE of (3) REPLICATIONS**

COMPANY	VARIETY	SCN RESIST	SEED TRT's	MAT	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Kruger	K-201RR/SCN	R		2.0	67.4	11.6	0.0	132.4	\$590.1
Prairie Brand	PB-2056NRR	R		2.0	65.3	11.7	0.0	134.4	\$571.5
NuTech	NT-2324RR/SCN	R		2.3	65.0	12.0	0.0	132.4	\$568.8
Kruger	K-228RR/SCN	R	THM	2.2	64.3	12.7	0.0	132.4	\$563.0
Kruger	K-170RR/SCN	R		1.7	64.2	12.1	0.0	133.4	\$561.4
Prairie Brand	PB-2147RR	S		2.1	64.0	12.1	0.0	134.4	\$560.1
Ziller	BT7217NR	R		2.1	63.9	11.8	0.0	133.9	\$559.0
Pioneer	92M01	R		2.0	62.9	12.1	0.0	134.4	\$550.7
SOI	2122NRR	R		2.1	62.9	11.9	0.0	133.9	\$550.6
Dyna-Gro	38G23	R	APMX	2.3	62.9	12.7	0.0	134.9	\$550.3
Advantage	ADV2106CR	R		2.1	62.9	12.2	0.0	132.4	\$550.2
NC+ Hybrids	2A14RR	R		2.1	62.7	12.2	0.0	132.9	\$549.0
NuTech	NT-6211	S		2.1	62.6	12.3	0.0	133.9	\$548.1
Advantage	ADV22A08R	R		2.2	62.5	12.3	0.0	134.9	\$547.0
NC+ Hybrids	2A35RR	R	TRT	2.3	62.0	12.6	0.0	134.9	\$542.6
Dyna-Gro	37Y21	R		2.1	61.9	11.7	0.0	133.9	\$541.2
Crows	C2216R	R	TRT	2.2	61.6	12.7	0.0	134.9	\$539.2
Stine	2062-4	R		2.1	61.6	12.7	0.0	133.4	\$538.7
Trisler	2070RR(CN)	R		2.0	61.5	12.7	0.0	133.9	\$538.1
Viking	2088NRR	R		2.0	61.4	12.3	0.0	133.9	\$537.3
Prairie Brand	PB-2117NRR	R		2.1	61.4	12.2	0.0	133.4	\$537.2
Producers	205NRR	R	THM	2.0	61.3	12.3	0.0	134.9	\$536.6
Kruger	K-222RR/SCN	R		2.2	61.2	12.1	0.0	133.4	\$535.7
Midwest Seed	GR2233	R	TRT	2.2	61.1	12.5	0.0	133.9	\$534.4
Midwest Seed	GRX20-01-7	R		2.0	61.0	12.7	0.0	134.9	\$534.0
NuTech	NT-1808RR/SCN	R		1.7	61.0	11.9	0.0	132.9	\$533.6
Crows	C2015R	R		2.0	60.7	12.2	0.0	134.4	\$531.1
Kruger	K-194RR	S		1.9	60.3	12.1	0.0	133.9	\$527.9
NuTech	NT-7222	R	THM	2.2	60.3	12.5	0.0	134.4	\$527.4
Prairie Brand	PB-2183NRR	R		2.1	60.3	12.0	0.0	133.4	\$527.3
Test Average =					59.9	12.2	0.0	133.8	\$523.7
Isd(.10) =					4.0	0.3	ns		
C.V. =					4.9	1.9			

YIELD/INCOME FACTORS: BASE MOISTURE = 13.0% | SHRINK = 1.0 | DRYING = \$.000/Pt/Bu | PRICE = \$8.75/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:** The early spring weather was almost perfect, though dry with small rains just in time (no rains more than 1" each). Lots of heat & humidity all summer. Good rains in August including 6" rain on August 12. Early frost on September 14 did not impact yields as plants were mature. Sprayed for aphids (counts were marginal). Spring SCN counts were low; pre-harvest counts were low.