

2007 BETTER VARIETIES Harvest Report for Minnesota Southern [MNSO]

S7MNSO12

Rick Quade, Sanborn, Cottonwood County, MN [JEFFERS]

SOIL CONDITIONS: Letri clay loam, 0.5% slope, moderately well drained
 3.5% o.m., 6.4 soil pH, moderate P & K

PREVIOUS CROP: Corn

1.6 - 2.3 MAT. GROUP

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

30" ROW SPACING

PEST MANAGEMENT: Roundup Original Max (split application), Warhawk insecticide

PLANTED - SEEDING: May 19 - 145,000/A

TOP 30 FOR YIELD OF 63 TESTED
HARVESTED - STAND: October 1 - 134,500/A

AVERAGE of (3) REPLICATIONS

COMPANY	VARIETY	SCN RESIST	SEED TRT's	MAT.	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Johnson	N2186RR	R		1.7	53.9	12.5	0.0	134.4	\$471.4
Advantage	ADV1740CR	R		1.7	53.6	12.8	0.0	134.9	\$469.0
Hefty	H187RN	R		1.8	52.8	12.6	0.0	132.9	\$461.8
NuTech	NT-1808RR/SCN	R		1.7	52.4	12.2	0.0	133.9	\$458.5
Producers	205NRR	R	THM	2.0	52.4	13.0	0.0	133.9	\$458.4
Dyna-Gro	38G23	R	APMX	2.3	52.4	13.1	0.0	137.3	\$458.2
Producers	175NRR	R		1.7	52.2	12.6	0.0	134.9	\$457.1
Prairie Brand	PB-2007NRR	R		2.0	52.1	12.6	0.0	136.3	\$456.1
Crows	C2015R	R		2.0	51.9	12.7	0.0	134.9	\$454.4
Crows	C1815R	R		1.8	51.8	12.5	0.0	134.9	\$453.2
NC+ Hybrids	2A14RR	R		2.1	51.5	12.7	0.0	133.4	\$451.0
Viking	1908CNRR	R		1.9	51.4	12.6	0.0	133.9	\$449.3
Kruger	K-201RR/SCN	R		2.0	51.3	12.1	0.0	133.9	\$449.0
SOI	2151NRR	R		2.1	51.2	12.7	0.0	133.4	\$447.7
Gold Country	GCS9822RR	S		2.2	51.1	13.1	0.0	133.9	\$447.0
Prairie Brand	PB-2056NRR	R		2.0	51.1	12.1	0.0	133.9	\$446.9
Kruger	K-170RR/SCN	R		1.7	51.0	12.2	0.0	135.8	\$446.4
Prairie Brand	PB-2147RR	S		2.1	51.0	12.8	0.0	134.9	\$446.1
Kruger	K-204RR/SCN	R		2.0	51.0	12.9	0.0	134.4	\$446.0
Trisler	2070RR(CN)	R		2.0	50.9	12.9	0.0	134.4	\$445.6
Trisler	1877RR(CN)	R		1.8	50.8	12.7	0.0	135.3	\$444.8
Hefty	H205RN	R		2.0	50.7	12.5	0.0	133.9	\$444.0
Midwest Seed	GR2233	R	TRT	2.2	50.6	13.1	0.0	133.4	\$442.7
Pioneer	92M01	R		2.0	50.6	12.6	0.0	133.9	\$442.6
Kruger	K-167RR/SCN	R		1.6	50.5	12.5	0.0	134.4	\$442.0
Crows	C2216R	R	TRT	2.2	50.5	13.0	0.0	135.3	\$441.5
Kruger	K-228RR/SCN	R	THM	2.2	50.4	13.1	0.0	134.4	\$441.3
NuTech	NT-2324RR/SCN	R		2.3	50.3	13.2	0.0	135.3	\$439.9
Advantage	ADV1881CR	R		1.8	50.2	12.7	0.0	133.9	\$439.6
Advantage	ADV2207R	S		2.2	50.2	13.0	0.0	136.3	\$438.8
Test Average =					49.7	12.7	0.0	134.5	\$434.5
Lsd(.10) =					4.4	0.3	ns		
C.V. =					6.5	1.6			

YIELD/INCOME FACTORS: BASE MOISTURE = 13.0% | SHRINK = 1.0 | DRYING = \$.000/Pt/Bu | PRICE = : \$8.75

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: Wet weather delayed planting. Good emergence & early growth. Good moisture through mid-June. Dry until mid-August, then first good rain of summer (6"). Early-season frost in mid-September after soybean plants were mature. Rick sprayed to control aphids. Very low spring SCN counts; very low pre-harvest counts. The field surrounding the plot averaged 47 bpa.