

2007 BETTER VARIETIES Harvest Report for Minnesota South Central [MNSC]

S7MNSC08

Mike Krenick, Madison Lake, Le Sueur County, MN [MADISON LAKE]

SOIL CONDITIONS: Le Sueur-Cordova clay loam, 1-2% slope, moderately well drained
 3.0% o.m., 5.6 soil pH, very high P & K

PREVIOUS CROP: Corn

1.3 - 2.0 MAT. GROUP

TILLAGE/CULTIVATION: Fall chisel, spring field cultivate (2 passes)

30" ROW SPACING

PEST MANAGEMENT: Roundup (split application)

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

TOP 30 FOR YIELD OF 54 TESTED
HARVESTED - STAND: October 13 - 133,400/A

AVERAGE of (3) REPLICATIONS

COMPANY	VARIETY	SCN RESIST	SEED TRT's	MAT	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Hefty	H178R	S	TRT	1.7	71.2	13.0	0.0	133.4	\$626.5
Kruger	K-163RR	S	TRT	1.6	69.8	13.0	0.0	133.4	\$614.3
Advantage	ADV1506R	S	THM	1.5	69.6	13.2	0.0	132.9	\$612.9
Kruger	K-170RR/SCN	R		1.7	68.1	13.0	0.0	133.4	\$599.5
Dyna-Gro	31D20	R		2.0	67.7	12.5	0.0	133.4	\$595.7
NuTech	NT-1808RR/SCN	R		1.7	67.4	13.0	0.0	133.4	\$592.9
Gold Country	GCS8820NRR	R		2.0	67.4	13.4	0.0	132.9	\$592.7
Dyna-Gro	39F16	S	APMX	1.6	67.0	13.1	0.0	133.4	\$589.3
Dahlco	9213RR	S		2.0	66.9	13.1	0.0	134.4	\$589.0
Kruger	K-204RR/SCN	R		2.0	66.7	13.3	0.0	133.4	\$587.3
Anderson	201CNR	R		2.0	66.7	13.2	0.0	133.9	\$587.2
Latham Seed	E1738R	R		1.7	66.3	12.9	0.0	134.9	\$583.8
Kruger	K-194RR	S		1.9	66.1	12.8	0.0	133.4	\$581.9
Kruger	K-201RR/SCN	R		2.0	66.1	12.6	0.0	133.4	\$581.7
Gold Country	GCS8716RR	S		1.6	65.8	12.6	0.0	132.9	\$579.5
SOI	1760RR	S	APMX	1.7	65.4	13.0	0.0	132.9	\$575.1
Hefty	H218RN	R	TRT	2.0	65.3	13.0	0.0	133.9	\$574.7
Midwest Seed	GRX20-01-7	R		2.0	65.1	13.3	0.0	132.4	\$573.1
Hefty	H168R	S		1.6	64.5	12.9	0.0	132.9	\$567.6
Producers	175NRR	R		1.7	64.4	13.1	0.0	133.9	\$566.7
Prairie Brand	PB-1607RR	S		1.6	64.1	13.1	0.0	133.4	\$564.1
Johnson	N2101RR	R		1.9	64.1	13.0	0.0	134.4	\$564.0
Stine	1932-4	R		1.9	63.7	12.7	0.0	132.9	\$561.0
Kruger	K-140RR	S		1.5	63.7	13.3	0.0	133.4	\$560.3
NuTech	NT-7155	R		1.5	63.3	13.0	0.0	133.4	\$557.3
Anderson	181CNR	R		1.8	62.9	12.8	0.0	133.4	\$553.3
Producers	205NRR	R	THM	2.0	62.1	13.2	0.0	133.4	\$546.7
Johnson	N2186RR	R		1.7	61.9	12.9	0.0	133.9	\$544.8
Crows	C1615R	R		1.6	61.6	12.7	0.0	132.4	\$542.3
Crows	C1815R	R		1.8	61.1	12.9	0.0	134.4	\$537.3
Test Average =					61.9	12.9	0.0	133.4	\$544.8
Isd(.10) =					6.3	0.2	ns		
C.V. =					7.5	1.3			

YIELD/INCOME FACTORS: BASE MOISTURE = 13.0% | SHRINK = 1.0 | DRYING = \$.000/Pt/Bu | PRICE = \$8.80/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: Favorable moisture & heat following planting benefitted early growth. Good moisture until first week of June; then turned dry (Mike noted that the plot received only 1" of rain from the first week of June through the end of July). 3/4" rain in early August with 6" rain on Aug 12 boosted yields. Spring SCN count was 0; pre-harvest count was 0.