

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

S7MNSC06

Dale & Wayne Bjorklund, Nicollet, Nicollet County, MN [NICOLLET]

SOIL CONDITIONS: Webster clay loam, 0.5% slope, well drained
 4.2% o.m., 6.4 soil pH, very high P & K

PREVIOUS CROP: Corn

1.3 - 2.0 MAT. GROUP

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

30" ROW SPACING

PEST MANAGEMENT: Roundup (split application), Warrior insecticide

PLANTED - SEEDING: May 17 - 145,000/A

TOP 30 FOR YIELD OF 54 TESTED
HARVESTED - STAND: October 4 - 133,200/A

AVERAGE of (3) REPLICATIONS

COMPANY	VARIETY	SCN RESIST	SEED TRT's	MAT	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Prairie Brand	PB-2183NRR	R		2.1	73.2	9.8	0.0	133.9	\$643.8
Gold Country	GCS8820NRR	R		2.0	71.4	10.4	0.0	134.9	\$628.6
Midwest Seed	GR1831	R		1.8	71.1	9.9	0.0	132.9	\$625.6
NuTech	NT-7193+RR/SCN	R		1.9	70.5	10.0	0.0	132.0	\$620.7
Ziller	BT7208NR	R		2.0	70.1	10.0	0.0	134.9	\$616.7
Kruger	K-204RR/SCN	R		2.0	69.7	10.3	0.0	133.9	\$613.2
Anderson	191CNR	R		1.9	69.4	9.8	0.0	133.9	\$610.9
Pioneer	92M01	R		2.0	69.4	10.3	0.0	134.4	\$610.6
Hefty	H187RN	R		1.8	68.7	10.1	0.0	132.9	\$604.7
Kruger	K-201RR/SCN	R		2.0	68.2	9.9	0.0	133.9	\$600.3
Latham Seed	E1738R	R		1.7	68.1	10.3	0.0	133.9	\$599.1
NuTech	NT-7155	R		1.5	67.3	9.8	0.0	132.9	\$592.2
Johnson	N2186RR	R		1.7	67.1	10.0	0.0	132.9	\$590.0
Kruger	K-167RR/SCN	R		1.6	66.9	9.8	0.0	132.0	\$588.6
Gold Country	GCS2717NRR	R		1.7	66.9	9.8	0.0	132.4	\$588.4
Advantage	ADV1740CR	R		1.7	66.8	9.9	0.0	132.4	\$587.5
Advantage	ADV1506R	S	THM	1.5	66.8	10.2	0.0	132.9	\$587.5
NuTech	NT-7201	R		2.0	66.7	10.2	0.0	132.9	\$587.2
Hefty	H218RN	R	TRT	2.0	65.7	10.0	0.0	132.4	\$578.4
Latham Seed	L1838R	R		1.8	65.7	10.1	0.0	132.4	\$577.9
Anderson	181CNR	R		1.8	65.5	9.9	0.0	132.9	\$576.4
Gold Country	GCS8716RR	S		1.6	65.4	10.0	0.0	133.4	\$575.3
Crows	C1815R	R		1.8	65.4	9.9	0.0	132.9	\$575.3
Anderson	201CNR	R		2.0	65.2	10.1	0.0	132.4	\$573.9
Dyna-Gro	31D20	R		2.0	64.9	9.8	0.0	133.4	\$570.8
Prairie Brand	PB-1885NRR	R		1.7	64.8	9.9	0.0	133.9	\$570.0
Producers	205NRR	R	THM	2.0	64.5	10.0	0.0	132.4	\$567.4
Stine	1832-4	R		1.8	64.4	10.0	0.0	134.4	\$567.0
Johnson	N2101RR	R		1.9	63.9	10.0	0.0	133.4	\$562.2
Producers	175NRR	R		1.7	63.7	9.9	0.0	133.9	\$560.9
Test Average =					64.2	10.0	0.0	133.2	\$564.7
Lsd(.10) =					7.9	0.3	ns		
C.V. =					9.1	1.8			

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: Excellent early growth with favorable moisture and temperatures until June. Small rains from early June through the second week of August (biggest rain was 0.3"). The Bjorklund's sprayed to control aphids & spider mites. A 5-inch rain in mid-August boosted yields. Spring SCN counts were very low; pre-harvest counts were moderate.