

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

S7MNSC05

Kim Runholt, Cottonwood, Lyon County, MN [COTTONWOOD]

**SOIL CONDITIONS:** Normania clay loam, 0.5% slope, well drained  
 3.9% o.m., 6.8 soil pH, high P & K

**PREVIOUS CROP:** Corn

1.3 - 2.0 MAT. GROUP

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

30" ROW SPACING

**PEST MANAGEMENT:** Roundup (3 applications), Lorsban insecticide

**PLANTED - SEEDING:** May 14 - 145,000/A

**TOP 30 FOR YIELD OF 54 TESTED**
**HARVESTED - STAND:** October 3 - 133,100/A

**AVERAGE of (2) REPLICATIONS**

COMPANY	VARIETY	SCN RESIST	SEED TRT's	MAT	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Crows	C1815R	R		1.8	44.9	13.2	0.0	132.9	\$394.9
Ziller	BT7186NR	R		1.8	40.3	14.0	0.0	133.4	\$354.5
NuTech	NT-7201	R		2.0	40.1	13.6	0.0	132.9	\$352.8
Prairie Brand	PB-2183NRR	R		2.1	39.7	13.2	0.0	132.4	\$349.3
Producers	205NRR	R	THM	2.0	39.2	13.7	0.0	134.4	\$344.5
Advantage	ADV1506R	S	THM	1.5	38.2	13.4	0.0	132.0	\$336.0
NuTech	NT-7155	R		1.5	38.0	13.3	0.0	133.4	\$334.7
Stine	1832-4	R		1.8	37.9	13.4	0.0	132.0	\$333.5
Kruger	K-194RR	S		1.9	37.9	13.0	0.0	133.9	\$333.5
Dahlco	6150RR	S		1.5	37.9	12.6	0.0	132.0	\$333.3
Latham Seed	E1738R	R		1.7	37.8	12.8	0.0	132.9	\$332.4
Hefty	H178R	S	TRT	1.7	37.7	13.3	0.0	132.9	\$331.6
Anderson	191CNR	R		1.9	37.5	13.1	0.0	132.0	\$329.7
Gold Country	GCS2717NRR	R		1.7	37.2	13.1	0.0	132.9	\$327.3
Ziller	BT7208NR	R		2.0	36.1	13.5	0.0	132.9	\$317.8
Kruger	K-142RR	S		1.4	35.9	13.5	0.0	132.4	\$315.8
Producers	175NRR	R		1.7	35.3	13.0	0.0	133.9	\$310.4
Kruger	K-140RR	S		1.5	35.1	12.6	0.0	132.0	\$309.0
Prairie Brand	PB-1607RR	S		1.6	34.7	13.9	0.0	133.4	\$305.6
Farm Advantage	7194N	R		1.9	34.6	14.5	0.0	132.4	\$304.1
Anderson	152CNR	R		1.5	34.2	13.1	0.0	132.9	\$301.1
Midwest Seed	GR1831	R		1.8	34.1	12.5	0.0	133.9	\$300.5
Dyna-Gro	39F16	S	APMX	1.6	34.1	13.5	0.0	132.4	\$300.4
Kruger	K-170RR/SCN	R		1.7	34.1	12.9	0.0	133.9	\$300.2
Kruger	K-167RR/SCN	R		1.6	33.5	13.0	0.0	133.4	\$295.0
Advantage	ADV1740CR	R		1.7	33.4	13.2	0.0	134.4	\$293.9
Dahlco	5170RRC	MR		1.7	33.1	13.1	0.0	132.9	\$291.7
Anderson	181CNR	R		1.8	33.0	13.1	0.0	133.4	\$290.8
Prairie Brand	PB-1557NRR	R		1.5	32.8	13.3	0.0	132.0	\$288.9
Latham Seed	L1838R	R		1.8	32.4	12.8	0.0	132.9	\$285.2
Test Average =					32.5	13.1	0.0	133.1	\$286.4
lsd(.10) =					ns	0.9	ns		
C.V. =					21.8	4.3			

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:** Pest pressure throughout the growing season stunted the growth and yield of this test. Because the effects were not uniformly distributed in this area of the field, none of the entries performed consistently, and so no conclusions can be made from the data. This site will not be included when the regional averages are calculated.