

2007 BETTER VARIETIES Harvest Report for [Illinois South Central]

S71LSC06

Roger Ladage, 3888 W. Montgomery Rd., Virden, IL 62690 [VIRDEN]

SOIL CONDITIONS: Virden Silty Loam, 1.0% slope, Moderately drained,
 3.2 o.m., 5.9 pH, Mod. High P, Mod. High K (200# 18-46-0 fall applied)

PREVIOUS CROP: Corn, Guardsmand/Marksman
TILLAGE/CULTIVATION: Spring field cultivator (2)

3.4 - 4.1 MAT. GROUP
15" ROW SPACING
PEST MANAGEMENT: Roundup

PLANTED - SEEDING: May 22, - 200,000/A
HARVESTED - STAND: October 21, - 191,300/A

TOP 30 FOR YIELD OF 54 TESTED
AVERAGE of (3) REPLICATIONS

COMPANY	VARIETY	MAT.	SCN RESIST	SEED TRT's	YIELD Bu/A	MOIST %	LODGING %	STAND (x 1000)	GROSS INCOME
Kruger	K-389RR/SCN	3.9	R		49.4	6.2	0.0	185.9	\$444.2
Crows	C3817R	3.8	R		48.9	6.1	0.0	191.7	\$439.8
NK Brand	S37-F7	3.7	R		48.4	6.0	0.0	191.7	\$436.0
Heritage-Diener	3820CR	3.8	R	PO	48.1	6.4	0.0	191.7	\$433.2
Midwest Seed	GR3934	3.9	R		48.1	6.4	0.0	191.7	\$432.6
Dyna-Gro	32C38	3.8	R	APMX	48.0	6.5	0.0	191.7	\$432.3
Crows	C3916R	3.9	R		47.6	6.4	0.0	191.7	\$428.8
Kruger	K-384RR/SCN	3.8	R		47.2	6.3	0.0	191.7	\$424.5
Midwest Seed	GR3832	3.8	R		46.4	6.2	0.0	191.7	\$417.2
Heritage-Diener	3782CR	3.7	R	PO	45.8	6.6	0.0	191.7	\$412.1
NK Brand	S37-P5	3.7	R		45.6	6.0	0.0	191.7	\$410.6
Kruger	K-340RR/SCN	3.4	R		45.5	6.5	0.0	191.7	\$409.2
Dyna-Gro	33A40	4.0	R	APMX	45.4	6.9	0.0	191.7	\$408.9
Helena	3378	3.3	MR		45.4	5.9	0.0	191.7	\$408.7
Stone	3A378NRR	3.7	R		45.0	6.0	0.0	191.7	\$404.8
Becks	432NRR	4.3	R	SG	44.8	5.9	0.0	191.7	\$403.4
Trisler	3675RR(CN)	3.6	R		44.8	5.9	0.0	191.7	\$402.9
Kruger	KY3717RN	3.7	R		44.8	5.9	0.0	191.7	\$402.8
Trisler	3463RR(CN)	3.4	R		44.7	5.8	0.0	191.7	\$402.7
NK Brand	S39-A3	3.9	R		44.7	6.4	0.0	191.7	\$402.6
FS Seeds	HS3766	3.7	R	FM	44.6	6.1	0.0	191.7	\$401.0
Heritage-Diener	3484CR	3.4	R	PO	44.0	5.9	0.0	191.7	\$396.3
Midwest Seed	GR3631	3.6	R		43.8	6.4	0.0	191.7	\$394.3
Becks	383NRR	3.8	R	SG	43.8	6.0	0.0	191.7	\$394.1
FS Seeds	HS3846	3.8	R	FM	43.5	6.4	0.0	191.7	\$391.2
Dairyland	DSR3675	3.6	R		43.2	5.9	0.0	191.7	\$389.1
Asgrow	AG3803	3.8	R	FM	43.2	6.3	0.0	191.7	\$388.4
Crows	C3619R	3.6	R		43.1	6.7	0.0	191.7	\$388.3
Kruger	K-410RR/SCN	4.0	R		43.0	7.0	0.0	191.7	\$386.9
Midwest Seed	GR3433	3.4	R		43.0	5.9	0.0	191.7	\$386.9
Test Average =					43.1	6.3	0.0	191.3	\$387.5
Lsd(.10) =					4.1	0.4	ns		
C.V. =					7.1	4.2			

YIELD/INCOME FACTORS: BASE MOISTURE = 13.0% | SHRINK = 1.0 | DRYING = \$.000/Pt/Bu | PRICE = \$9.00/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: August heat coupled with little or no rainfall accounted for the lower yields at this site.

This site's SCN counts may have contributed to lower yields? Plant heights were 24 - 30 inches.

The 2006 SCN egg counts per 100cc of soil for this farm were "4000" in June and "26,250" in October.