

2007 BETTER VARIETIES Harvest Report for [Illinois South]

S7ILSO09

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SOIL CONDITIONS: 41A Muscatine Silt Loam, 0.1% slope, Somewhat poorly drained
 3.5 o.m., 6.5 pH, Mod high P, Mod K,

PREVIOUS CROP: Corn, Bicep
TILLAGE/CULTIVATION: No-till in standing corn stubble

4.0 - 4.7 MAT. GROUP
15" ROW SPACING
PEST MANAGEMENT: Roundup

PLANTED - SEEDING: May 20, - 180,000/A
HARVESTED - STAND: October 30, - 174,300/A

TOP 30 FOR YIELD OF 48 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-410RR/SCN	4.0	R		69.5	14.0	0.3	174.3	\$625.5
Dyna-Gro	33A40	4.0	R	APMX	65.5	13.3	1.3	174.3	\$589.8
FS Seeds	R07-45	4.5	R	FM	64.7	12.6	0.0	174.3	\$582.7
Trisler	4275RR(CN)	4.2	R		63.7	13.0	0.0	174.3	\$573.6
Kruger	KY4207RN	4.2	R		63.5	13.0	0.0	174.3	\$571.2
Trisler	4760RR(CN)	4.7	R		63.4	13.0	0.0	174.3	\$570.3
Kruger	K-476RR/SCN	4.6	R		63.2	12.3	0.3	174.3	\$568.8
Becks	422NRR	4.2	R	SG	62.0	13.1	0.0	174.3	\$558.4
Kruger	EX45B07	4.5	R		61.9	12.8	0.0	174.3	\$557.5
Dyna-Gro	32R46	4.6	R	APMX	61.7	12.4	0.0	174.3	\$555.5
Heritage-Diener	XV9400	4.0	R	PO	61.1	13.0	1.3	174.3	\$550.1
Brown Seed	4407NRR	4.4	R	APMX	61.0	13.0	0.0	174.3	\$549.1
FS Seeds	HS4766	4.7	R	FM	60.3	12.5	0.0	174.3	\$542.4
FS Seeds	HS4366	4.3	R	FM	59.9	12.5	0.0	174.3	\$539.1
Stone	2405NRR	4.0	R		59.9	12.0	4.7	174.3	\$539.0
Asgrow	AG4801	4.8	R		59.4	12.8	0.3	174.3	\$534.8
Asgrow	AG4404	4.4	MR		59.1	12.6	0.3	174.3	\$532.2
Midwest Seed	GR4455	4.4	R		58.4	12.8	0.3	174.3	\$526.0
Crows	C4142R	4.1	R		58.4	12.5	3.7	174.3	\$525.2
Kruger	KY4117RNS	4.1	R		57.9	12.4	3.0	174.3	\$521.3
Brown Seed	3836NRR/STS	3.8	R	APMX	57.0	13.0	3.7	174.3	\$512.7
NK Brand	XR4674	4.6	R		56.8	12.5	0.3	174.3	\$510.8
Becks	444NRR	4.4	R	SG	56.4	12.2	0.3	174.3	\$507.4
Dyna-Gro	38C42	4.2	R	APMX	56.3	12.9	0.0	174.3	\$506.9
NK Brand	S45-E5	4.5	R		56.2	12.6	15.3	174.3	\$505.9
Kruger	K-433RR/SCN	4.3	R		56.0	12.1	0.7	174.3	\$504.1
FS Seeds	HS4646	4.6	R	FM	56.0	12.5	12.7	174.3	\$503.9
Crows	C4517R	4.5	R		56.0	12.9	2.0	174.3	\$503.6
Dyna-Gro	35D44	4.4	R	APMX	55.6	13.3	5.7	174.3	\$500.6
Brown Seed	4606NRR	4.6	R	APMX	55.4	12.8	3.3	174.3	\$498.2
Test Average =					56.7	12.8	4.6	174.3	\$510.0
Isd(.10) =					4.5	0.5	9.3		
C.V. =					5.8	3.1			

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: This site had excellent plant growth with harvested plant heights reaching over 48" tall.

The harvested seed size was large and of good quality. Some varieties experienced lodging.

The 2006 SCN egg counts per 100cc of soil for this farm were "2000" in June and "28,500" in October.