

**2007 BETTER VARIETIES Harvest Report for [Illinois South]**

S7ILSO12

Ronnie Sloan, RR 2, Box 219, Pana, IL 62557 [VANDALIA]

**SOIL CONDITIONS:** Cowden Silty Clay Loam, 1.0% slope, Moderately drained, 3.1 o.m., 6.2 pH, Mod. High P, Mod High K,

**PREVIOUS CROP:** Corn, Simazine/Atrazine/Princep, Post Steadfast/Callisto  
**TILLAGE/CULTIVATION:** Fall chiseled, spring cultivated (1)

**4.0 - 4.7 MAT. GROUP**  
**15" ROW SPACING**
**PEST MANAGEMENT:** Makaze & Intensity

**PLANTED - SEEDING:** May 17, - 180,000/A  
**HARVESTED - STAND:** October 29, - 172,800/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
FS Seeds	R07-45	4.5	R	FM	32.2	13.8	0.0	174.3	\$289.6
NK Brand	XR4674	4.6	R		31.4	15.0	0.0	174.3	\$282.5
Dyna-Gro	33A40	4.0	R	APMX	31.1	17.0	0.0	174.3	\$279.6
Becks	422NRR	4.2	R	SG	30.1	16.8	0.0	174.3	\$271.3
Brown Seed	4708NRR	4.7	R	APMX	30.1	17.3	2.7	174.3	\$270.5
Kruger	K-410RR/SCN	4.0	R		30.0	16.3	0.0	174.3	\$270.2
Asgrow	AG4703	4.7	MR		30.0	15.7	0.0	174.3	\$269.6
Trisler	4760RR(CN)	4.7	R		29.9	14.2	0.0	174.3	\$269.5
Heritage-Diener	XV9400	4.0	R	PO	29.9	15.3	0.0	174.3	\$269.1
Crows	C4142R	4.1	R		29.4	11.5	0.3	174.3	\$264.9
Kruger	KY4207RN	4.2	R		29.3	16.8	0.3	174.3	\$263.3
Brown Seed	4606NRR	4.6	R	APMX	29.0	16.3	0.3	174.3	\$260.6
Stone	2405NRR	4.0	R		28.8	10.9	0.3	174.3	\$258.8
Kruger	KY4117RNS	4.1	R		28.7	13.6	0.0	174.3	\$258.7
Brown Seed	4407NRR	4.4	R	APMX	28.6	16.4	0.0	174.3	\$257.5
FS Seeds	HS4766	4.7	R	FM	28.4	14.4	0.0	174.3	\$255.4
FS Seeds	HS4366	4.3	R	FM	28.2	16.2	0.0	174.3	\$253.8
Dyna-Gro	32R46	4.6	R	APMX	27.7	14.2	0.0	174.3	\$249.1
Kruger	EX45B07	4.5	R		27.2	16.4	0.0	174.3	\$244.8
Brown Seed	3836NRR/STS	3.8	R	APMX	26.9	12.9	0.3	174.3	\$241.7
Dyna-Gro	35D44	4.4	R	APMX	26.3	13.5	0.0	151.1	\$236.3
Asgrow	AG4103	4.1	MR		25.4	14.7	0.3	174.3	\$228.9
Kruger	K-476RR/SCN	4.6	R		25.4	13.8	0.0	174.3	\$228.5
Dyna-Gro	38C42	4.2	R	APMX	24.5	16.4	0.0	174.3	\$220.4
FS Seeds	HS4646	4.6	R	FM	24.4	14.5	0.7	174.3	\$219.7
Crows	C4517R	4.5	R		24.3	13.6	0.3	174.3	\$219.0
Kruger	KY4407RN	4.4	R		24.1	14.9	0.3	174.3	\$217.2
Asgrow	AG4801	4.8	R		23.9	15.7	0.0	174.3	\$215.4
Brown Seed	3807NRR	3.8	R	APMX	23.8	15.1	0.7	174.3	\$214.2
Midwest Seed	GR4455	4.4	R		23.7	10.2	0.0	174.3	\$213.3
Test Average =					25.2	14.3	0.5	172.8	\$226.5
Isd(.10) =					5.4	1.3	4.2		
C.V. =					15.9	6.9			

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:** Ronnie said his soybeans planted around the plot 3 weeks earlier, averaged 39 bu./acre.

August heat produced medium plant heights and reduced harvested seed sizes to very small.

The 2006 SCN egg counts per 100cc of soil for this farm were "0" in June and "0" in October.