

# 2018 Soybean Top 30 Harvest Report

Illinois South [ ILSO ] RAMSEY

Bauer Enterprises, Blake Bauer, Fayette County, IL 62011



Test by: F.I.R.S.T. MSR, Inc., Columbia, MO

PREV. CROP/HERB: Corn / Degree Xtra. atrazine, Mustang Max  
 SOIL DESCRIPTION: Oconee silt loam, mod. poor drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.8 pH, 2.2% OM, 8.4 CEC  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Boundary, Flexstar GT  
 APPLIED N-P-K (units): 14-35-60  
 SEEDED - RATE - ROW: May 10 140,000 /A 30" Spacing  
 HARVESTED - STAND: Oct 17 126,400 /A

**All-Season Test**  
**Maturity Group 3.7 - 4.7**  
 S2018ILSO02

## Top 30 of 45

For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSoy	HS 41X70	RRX,ST	4.1	R	<b>75.7</b>	13.1	10	131.6	\$605	1
Pioneer	P40A47X §	RRX	4.0	R	<b>75.4</b>	13.3	10	123.9	\$603	2
FS HiSoy	HS 38X70	RRX,ST	3.8	R	<b>75.1</b>	13.0	12	125.8	\$601	3
Armor	42-D27	RRX,ST	4.2	R	<b>73.4</b>	13.7	16	131.6	\$586	4
Great Heart	GT-3711XS	RRX,ST	3.7	R	<b>72.9</b>	13.0	30	122.0	\$583	5
LG Seeds	C4227RX	RRX,ST	4.2	R	72.3	13.4	14	118.1	\$578	6
NK Brand	S39-P5X	RRX	3.9	R	71.9	12.8	10	131.6	\$575	7
Asgrow	AG42X6 §	RRX	4.2	R	71.7	13.3	10	123.9	\$573	8
Stone	2RX4228-SR	RRX,ST	4.2	R	71.5	12.9	3	125.8	\$572	9
FS HiSoy	HS 37X70	RRX	3.7	R	71.0	13.3	7	129.7	\$568	10
LG Seeds	LGS3777RX	RRX	3.7	R	71.0	13.1	9	123.9	\$568	11
NK Brand	S42-B9XS	RRX,ST	4.2	R	70.9	13.4	4	137.5	\$567	12
LG Seeds	C3985RX	RRX	3.9	R	70.8	13.1	11	127.8	\$566	13
Stone	2RX4438	RRX	4.4	R	70.6	13.4	10	129.7	\$564	14
Asgrow	AG39X7 §	RRX,ST	3.9	R	70.2	12.5	5	122.0	\$562	15
Golden Harvest	GH3982X §	RRX	3.9	R	70.0	13.2	10	116.2	\$560	16
Golden Harvest	GH4240XS §	RRX,ST	4.2	R	69.7	13.4	3	137.5	\$557	17
NK Brand	S45-Z5XS	RRX,ST	4.5	R	69.7	13.4	4	120.0	\$557	18
Great Heart	GT-4231XS	RRX,ST	4.2	R	69.6	13.3	11	123.9	\$556	19
Great Heart	GT-3926X	RRX	3.9	R	69.2	12.7	10	123.9	\$554	20
AgriGold	G3830RX §	RRX	3.8	R	69.2	13.3	16	120.0	\$553	21
NK Brand	S43-V3X	RRX	4.3	R	69.0	13.6	15	118.1	\$551	22
FS HiSoy	HS 39X70	RRX	3.9	R	68.3	13.1	11	125.8	\$546	23
Golden Harvest	GH4307X	RRX	4.3	R	68.0	13.2	20	133.6	\$544	24
Armor	39-D39	RRX	3.9	R	68.0	13.7	4	122.0	\$543	25
Dyna-Gro	S46XS87	RRX,ST	4.6	R	67.6	13.3	3	129.7	\$540	26
Armor	X45D50 GC	RRX	4.5	R	67.6	13.8	14	129.7	\$540	27
Golden Harvest	GH4542X	RRX	4.5	R	67.5	13.7	14	131.6	\$539	28
FS HiSoy	HS 46X60	RRX,ST	4.6	R	67.5	14.4	6	116.2	\$538	29
Dyna-Gro	S41XS98	RRX,ST	4.1	R	67.1	13.6	6	125.8	\$536	30

Averages = **68.6** **13.4** **11** **126.4** **\$548**  
 LSD (0.10) = 3.9 0.5 8.8  
 LSD (0.25) = 2.1 0.2 4.6  
 C.V. = 5.4

New test site, no yield history

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

**TEST COMMENTS:** *This is a new FIRST testing location. Trial site is uniform and representative of the southern Illinois region in this area. Seedlings emerged quickly and had a very good stand. Plenty of rainfall during the growing season set the stage for above average yields for Blake, our host farmer. Limited green stem on a handful of plots made for a relatively easy harvest. Overall, a very nice soybean trial.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report Date: 10/18/2018 Revised:

**2018 Soybean - Illinois South [ ILSO ]**

**All-Season Test Products (45 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3830RX §	RRX	3.8	R	ASfi,IL						
AgriGold	G4750RX GC	RRX,ST	4.7	R	ASfi,IL						
Armor	39-D39	RRX	3.9	R	DX						
Armor	42-D27	RRX,ST	4.2	R	DX						
Armor	44-D40	RRX,ST	4.4	R	DX						
Armor	46-D08	RRX,ST	4.6	R	DX						
Armor	X40D85 GC	RRX	4.0	R	DX						
Armor	X45D50 GC	RRX	4.5	R	DX						
Asgrow	AG39X7 §	RRX,ST	3.9	R	AC,PV						
Asgrow	AG41X8 §	RRX,ST	4.1	R	AC,PV						
Asgrow	AG42X6 §	RRX	4.2	R	AC,PV						
Asgrow	AG46X6 §	RRX	4.6	R	AC,PV						
Dyna-Gro	S41XS98	RRX,ST	4.1	R	EQV,Ci						
Dyna-Gro	S43XS27	RRX,ST	4.3	R	EQV,Ci						
Dyna-Gro	S46XS87	RRX,ST	4.6	R	EQV,Ci						
FS HiSoy	HS 37X70	RRX	3.7	R	ACi,IL						
FS HiSoy	HS 38X70	RRX,ST	3.8	R	ACi,IL						
FS HiSoy	HS 39X70	RRX	3.9	R	ACi,IL						
FS HiSoy	HS 41X70	RRX,ST	4.1	R	ACi,IL						
FS HiSoy	HS 43X60	RRX,ST	4.3	R	ACi,IL						
FS HiSoy	HS 45X80	RRX,ST	4.5	R	ACi,IL						
FS HiSoy	HS 46X60	RRX,ST	4.6	R	ACi,IL						
Golden Harvest	GH3761X	RRX	3.7	R	CCB,Me						
Golden Harvest	GH3982X §	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4240XS §	RRX,ST	4.2	R	CCB,Me						
Golden Harvest	GH4307X	RRX	4.3	R	CCB,Me						
Golden Harvest	GH4542X	RRX	4.5	R	CCB,Me						
Great Heart	GT-3711XS	RRX,ST	3.7	R	Gr+						
Great Heart	GT-3926X	RRX	3.9	R	Gr+						
Great Heart	GT-4231XS	RRX,ST	4.2	R	Gr+						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	C4227RX	RRX,ST	4.2	R	ASfi,IL						
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL						
NK Brand	S35-K9X §	RRX	3.5	R	CCB,Me						
NK Brand	S39-P5X	RRX	3.9	R	CCB,Me						
NK Brand	S42-B9XS	RRX,ST	4.2	R	CCB,Me						
NK Brand	S43-V3X	RRX	4.3	R	CCB,Me						
NK Brand	S45-Z5XS	RRX,ST	4.5	R	CCB,Me						
Pioneer	P36T36X §	RRX	3.6	R	None						
Pioneer	P38A98X §	RRX	3.8	R	None						
Pioneer	P40A47X §	RRX	4.0	R	None						
Pioneer	P42A52X §	RRX	4.2	R	EE,G,IL,Lu						
Stone	2RX4228-SR	RRX,ST	4.2	R	AC,PV,IL						
Stone	2RX4438	RRX	4.4	R	AC,PV,IL						
Stone	2RX4629-SR	RRX,ST	4.6	R	AC,PV,IL						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

### Soybean Technologies

G27	GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybean Seed Treatments\*

?	Information not provided	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron® fungicide products	IL	ILeVO®
ACi	Acceleron® fungicide and insecticide products	In	Intego™ Solo
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

\* Seed treatments may include unspecified plant health promoting components.