

2018 Soybean Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM

Klint Tucker, Effingham County, IL 62401



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

PREV. CROP/HERB: Corn / Acuron, atrazine
 SOIL DESCRIPTION: Bluford silt loam, moderately drained, non-irrigated
 SOIL CONDITIONS: High P, very high K, 5.4 pH, 2.2% OM, 10.3 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Prefix, FeXapan, glyphosate
 APPLIED N-P-K (units): 0-0-90
 SEEDING - RATE - ROW: May 8 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 18 144,200 /A

All-Season Test
Maturity Group 3.7 - 4.7
 S2018ILSO03

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
Golden Harvest	GH3982X §	RRX	3.9	R	67.2	11.0	14	127.8	\$538	1
NK Brand	S43-V3X	RRX	4.3	R	67.2	11.2	14	151.0	\$538	2
FS HiSoy	HS 41X70	RRX,ST	4.1	R	66.5	11.3	15	152.9	\$532	3
Stone	2RX4438	RRX	4.4	R	66.0	11.8	6	135.5	\$528	4
Asgrow	AG39X7 §	RRX,ST	3.9	R	66.0	11.1	22	141.3	\$528	5
Dyna-Gro	S43XS27	RRX,ST	4.3	R	65.5	12.3	7	137.5	\$524	6
Stone	2RX4228-SR	RRX,ST	4.2	R	65.3	11.1	3	137.5	\$522	7
Armor	42-D27	RRX,ST	4.2	R	65.1	11.7	16	141.3	\$521	8
NK Brand	S42-B9XS	RRX,ST	4.2	R	64.7	11.3	4	145.2	\$518	9
Golden Harvest	GH4240XS §	RRX,ST	4.2	R	64.7	11.3	4	154.9	\$518	10
Golden Harvest	GH4307X	RRX	4.3	R	64.5	11.8	14	143.3	\$516	11
Great Heart	GT-4231XS	RRX,ST	4.2	R	63.7	11.2	18	149.1	\$510	12
Pioneer	P40A47X §	RRX	4.0	R	63.4	11.5	6	141.3	\$507	13
FS HiSoy	HS 43X60	RRX,ST	4.3	R	63.4	11.3	11	139.4	\$507	14
FS HiSoy	HS 39X70	RRX	3.9	R	62.6	11.2	6	137.5	\$501	15
FS HiSoy	HS 46X60	RRX,ST	4.6	R	61.5	11.4	10	135.5	\$492	16
AgriGold	G3830RX §	RRX	3.8	R	61.4	11.5	23	154.9	\$491	17
Dyna-Gro	S41XS98	RRX,ST	4.1	R	61.3	11.6	22	147.1	\$490	18
Great Heart	GT-3926X	RRX	3.9	R	61.0	11.1	10	147.1	\$488	19
Stone	2RX4629-SR	RRX,ST	4.6	R	61.0	11.1	17	143.3	\$488	20
NK Brand	S35-K9X §	RRX	3.5	R	60.8	10.8	32	154.9	\$486	21
LG Seeds	C4227RX	RRX,ST	4.2	R	60.7	11.6	23	143.3	\$486	22
Armor	46-D08	RRX,ST	4.6	R	59.6	12.4	29	147.1	\$477	23
Armor	39-D39	RRX	3.9	R	59.5	10.9	23	139.4	\$476	24
LG Seeds	LGS3777RX	RRX	3.7	R	59.1	10.9	29	156.8	\$473	25
LG Seeds	C3985RX	RRX	3.9	R	59.0	11.2	11	141.3	\$472	26
NK Brand	S45-Z5XS	RRX,ST	4.5	R	58.7	11.5	6	139.4	\$470	27
Golden Harvest	GH3761X	RRX	3.7	R	58.7	11.5	7	133.6	\$470	28
FS HiSoy	HS 45X80	RRX,ST	4.5	R	57.9	12.4	4	152.9	\$463	29
NK Brand	S39-P5X	RRX	3.9	R	57.6	10.9	11	143.3	\$461	30

Averages = **59.7** **11.4** **15** **144.2** **\$478**
 LSD (0.10) = 4.5 0.6 10.7
 LSD (0.25) = 2.4 0.3 5.6
 C.V. = 7.2

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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: *We were fortunate to take advantage of a narrow early May planting window. Moist soil conditions delivered quick seedling emergence. Rainfall was abundant this growing season. August rain of 2" then 3" helped finish this crop. Harvest plant height was 36" to 48". Long internodes were noticed on some varieties with lots of vegetative growth. Evidence of sudden death syndrome was noted.*

† 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: 10/20/2018 Revised:

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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.