

2018 Soybean Top 30 Harvest Report

Illinois South Central [ILSC] FORSYTH

Jim Cullison, Macon County, IL 61913



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Corn / Acuron, atrazine, Roundup
 SOIL DESCRIPTION: Flanagan-Dana silt loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 5.7 pH, 3.6% OM, 17.7 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Boundary, Flexstar, Fusilade
 APPLIED N-P-K (units): 18-85-153
 SEEDED - RATE - ROW: May 7 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 9 154,500 /A

All-Season Test
Maturity Group 3.3 - 4.3
 S2018ILSC17

Top 30 of 54

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	GH3546X	RRX	3.5	R	88.6	12.9	29	166.2	\$797	1
Hefty	H42X9	RRX	4.2	MR	86.5	12.9	20	151.9	\$779	2
Lewis	3572X	RRX	3.5	R	86.3	12.9	32	143.0	\$777	3
Lewis	3872X	RRX	3.8	R	86.1	13.1	22	162.6	\$775	4
Asgrow	AG36X6 §	RRX	3.6	R	85.7	12.9	14	139.4	\$771	5
NK Brand	S35-K9X §	RRX	3.5	R	85.6	12.9	45	155.5	\$770	6
Asgrow	AG34X6 §	RRX	3.4	R	85.5	13.0	16	157.3	\$770	7
Dyna-Gro	S37XS89	RRX,ST	3.7	R	85.2	13.0	19	151.9	\$767	8
Golden Harvest	GH3475X	RRX	3.4	R	84.9	12.7	11	123.3	\$764	9
FS HiSoy	HS 38X70	RRX,ST	3.8	R	84.6	12.9	19	144.8	\$761	10
Pioneer	P31A22X §	RRX	3.1	R	84.1	13.0	14	160.8	\$757	11
Hefty	H37X8S	RRX,ST	3.7	MR	84.1	12.9	17	148.3	\$757	12
LG Seeds	LGS3777RX	RRX	3.7	R	84.1	12.6	19	144.8	\$757	13
NK Brand	S33-D7X	RRX	3.3	R	84.1	13.0	29	169.8	\$757	14
Lewis	3682X	RRX	3.6	R	83.5	12.9	23	148.3	\$752	15
FS HiSoy	HS 41X70	RRX,ST	4.1	R	83.3	13.2	16	173.3	\$750	16
Golden Harvest	GH3324X	RRX	3.3	R	83.3	12.9	17	144.8	\$750	17
FS HiSoy	HS 37X70	RRX	3.7	R	83.2	13.2	17	109.0	\$749	18
FS HiSoy	HS 39X70	RRX	3.9	R	82.9	12.9	19	146.5	\$746	19
Asgrow	AG39X7 §	RRX,ST	3.9	R	82.6	13.1	29	180.5	\$743	20
FS HiSoy	HS 43X60	RRX,ST	4.3	R	82.2	13.1	22	164.4	\$740	21
Asgrow	AG42X6 §	RRX	4.2	R	82.0	12.8	22	182.3	\$738	22
Stone	2RX4228-SR	RRX,ST	4.2	R	81.7	12.7	22	168.0	\$735	23
FS HiSoy	HS 34X60	RRX	3.4	R	81.6	12.7	9	128.7	\$734	24
NK Brand	S34-T2X §	RRX	3.4	R	81.4	12.8	14	159.0	\$733	25
Hefty	H34X7	RRX	3.4	MR	81.2	12.7	11	148.3	\$731	26
Dyna-Gro	S39XT68	RRX	3.9	R	81.1	12.9	17	182.3	\$730	27
NK Brand	S31-Y2X	RRX	3.1	R	80.7	12.6	10	155.5	\$726	28
Hefty	H39X8	RRX	3.9	MR	80.6	12.8	17	189.4	\$725	29
Lewis	4182X	RRX,ST	4.1	R	80.4	13.0	22	187.6	\$724	30

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Averages = **79.7** **12.9** **20** **154.5** **\$717**
 LSD (0.10) = 4.5 0.2 6.5
 LSD (0.25) = 2.3 0.1 3.4
 C.V. = 5.3

Prev. years avg. yield, 57.6 bu/a, 11 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.000 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: Emergence was excellent at this location, almost every seed came out of the ground. The site went through a dry spell late May to early June, but after that it was close to an ideal year. Plants had excellent vegetative growth with above average height. Stems were healthy at harvest, with some of the full season beans still having green stems. Plot was nice and even across the board, with no diseases.

† 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: 10/10/2018 Revised:

2018 Soybean - Illinois South Central [ILSC]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG34X6 §	RRX	3.4	R	AC,PV	NK Brand	S37-H5X §	RRX	3.7	R	CCB,Me
Asgrow	AG36X6 §	RRX	3.6	R	AC,PV	NK Brand	S39-P5X	RRX	3.9	R	CCB,Me
Asgrow	AG39X7 §	RRX,ST	3.9	R	AC,PV	Pioneer	P31A22X §	RRX	3.1	R	EE,G
Asgrow	AG42X6 §	RRX	4.2	R	AC,PV	Pioneer	P33T19X §	RRX	3.3	R	EE,G,Lu
Dyna-Gro	S37XS89	RRX,ST	3.7	R	EQV,CI	Pioneer	P34A13X §	RRX	3.4	R	EE,G,Lu
Dyna-Gro	S39XT68	RRX	3.9	R	EQV,CI	Pioneer	P38A98X §	RRX	3.8	R	EE,G
Dyna-Gro	S41XS98	RRX,ST	4.1	R	EQV,CI	Stone	2RX3628	RRX	3.6	R	AC,PV,IL
Dyna-Gro	SX18340XT	RRX	4.0	R	EQV,CI	Stone	2RX4029	RRX	4.0	R	AC,PV,IL
FS HiSoy	HS 33X80	RRX	3.3	R	ACi,IL	Stone	2RX4228-SR	RRX,ST	4.2	R	AC,PV,IL
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,IL						
FS HiSoy	HS 35X80	RRX	3.5	R	ACi,IL						
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						
Golden Harvest	GH3324X	RRX	3.3	R	CCB,Me						
Golden Harvest	GH3475X	RRX	3.4	R	CCB,Me						
Golden Harvest	GH3546X	RRX	3.5	R	CCB,Me						
Golden Harvest	GH3761X	RRX	3.7	R	CCB,Me						
Golden Harvest	GH3982X	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4142X	RRX	4.1	R	CCB,Me						
Golden Harvest	GH4240XS	RRX,ST	4.2	R	CCB,Me						
Golden Harvest	GH4307X	RRX	4.3	R	CCB,Me						
Hefty	H33X9	RRX	3.3	MR	DST						
Hefty	H34X7	RRX	3.4	MR	DST						
Hefty	H35X8	RRX	3.5	MR	DST						
Hefty	H37X8S	RRX,ST	3.7	MR	DST						
Hefty	H39X8	RRX	3.9	MR	DST						
Hefty	H42X9	RRX	4.2	MR	DST						
Lewis	3572X	RRX	3.5	R	AC,PV						
Lewis	3682X	RRX	3.6	R	AC,PV						
Lewis	3792X	RRX	3.7	R	AC,PV						
Lewis	3872X	RRX	3.8	R	AC,PV						
Lewis	4091X	RRX	4.0	R	AC,PV						
Lewis	4182X	RRX,ST	4.1	R	AC,PV						
Lewis	4272X	RRX,ST	4.2	R	AC,PV						
Lewis	4393X	RRX,ST	4.3	R	AC,PV						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	LGS3411RX	RRX	3.4	R	ASfi,IL						
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL						
NK Brand	S31-Y2X	RRX	3.1	R	CCB,Me						
NK Brand	S33-D7X	RRX	3.3	R	CCB,Me						
NK Brand	S34-T2X §	RRX	3.4	R	CCB,Me						
NK Brand	S35-K9X §	RRX	3.5	R	CCB,Me						

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.