

2018 Soybean Top 30 Harvest Report
 Illinois South Central [ILSC] WILLIAMSVILLE
 Bruce & Nick Constant, Sangamon County, IL 62693



PREV. CROP/HERB: Corn / Resicore, Roundup
 SOIL DESCRIPTION: Osco silt loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Medium P, very high K, 6.5 pH, 3.7% OM, 15.8 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Sonic, Sequence, Roundup, Fexapan, Everprex, Quadris, Endigo, Brandt Smart B
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 6 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 16 151,900 /A

All-Season Test
Maturity Group 3.3 - 4.3
 S2018ILSC20

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
LG Seeds	C3985RX	RRX	3.9	R	95.0	15.9	29	189.4	\$855	1
Hefty	H35X8	RRX	3.5	MR	94.6	15.7	22	146.5	\$851	2
LG Seeds	LGS3777RX	RRX	3.7	R	94.5	15.3	37	117.9	\$851	3
Golden Harvest	GH3546X	RRX	3.5	R	93.9	15.7	46	153.7	\$845	4
Pioneer	P34A13X §	RRX	3.4	R	93.7	15.7	40	144.8	\$843	5
NK Brand	S34-T2X §	RRX	3.4	R	93.2	15.5	37	134.0	\$839	6
Asgrow	AG36X6 §	RRX	3.6	R	92.0	15.4	25	139.4	\$828	7
Golden Harvest	GH4240XS	RRX,ST	4.2	R	91.1	15.9	29	130.5	\$820	8
NK Brand	S37-H5X §	RRX	3.7	R	91.0	15.8	41	162.6	\$819	9
Dyna-Gro	S41XS98	RRX,ST	4.1	R	90.8	15.9	26	164.4	\$817	10
Lewis	4182X	RRX,ST	4.1	R	90.7	15.7	25	168.0	\$816	11
Lewis	4091X	RRX	4.0	R	90.6	15.3	29	146.5	\$815	12
NK Brand	S33-D7X	RRX	3.3	R	90.1	15.7	36	176.9	\$811	13
Lewis	3872X	RRX	3.8	R	89.4	15.4	25	185.9	\$805	14
Golden Harvest	GH3475X	RRX	3.4	R	88.1	15.7	50	137.6	\$793	15
Golden Harvest	GH3324X	RRX	3.3	R	87.9	15.4	37	139.4	\$791	16
Lewis	3572X	RRX	3.5	R	87.7	15.7	32	168.0	\$789	17
Asgrow	AG39X7 §	RRX,ST	3.9	R	87.3	15.2	37	203.7	\$786	18
Hefty	H37X8S	RRX,ST	3.7	MR	87.3	15.4	37	153.7	\$786	19
NK Brand	S35-K9X §	RRX	3.5	R	87.3	15.8	50	176.9	\$786	20
FS HiSoy	HS 35X80	RRX	3.5	R	87.3	15.2	51	119.7	\$786	21
Golden Harvest	GH4307X	RRX	4.3	R	87.1	16.1	45	178.7	\$784	22
Hefty	H42X9	RRX	4.2	MR	87.0	15.5	26	128.7	\$783	23
Stone	2RX3628	RRX	3.6	R	86.6	15.3	30	121.5	\$779	24
Lewis	3792X	RRX	3.7	R	86.3	15.4	25	151.9	\$777	25
Stone	2RX4029	RRX	4.0	R	86.3	15.3	36	146.5	\$777	26
FS HiSoy	HS 34X60	RRX	3.4	R	86.0	15.4	26	112.6	\$774	27
Asgrow	AG34X6 §	RRX	3.4	R	85.9	15.4	29	148.3	\$773	28
Golden Harvest	GH3761X	RRX	3.7	R	85.4	15.5	29	184.1	\$769	29
Lewis	3682X	RRX	3.6	R	85.1	15.5	40	132.2	\$766	30

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Averages =	85.6	15.6	33	151.9	\$770
LSD (0.10) =	5.1	0.4	8.9		
LSD (0.25) =	2.7	0.2	4.7		
C.V. =	5.6				Prev. years avg. yield, 71.7 bu/a, 1 yr

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

TEST COMMENTS: *This was a very nice location, emergence was excellent and plants had tremendous vegetative growth. Plants were extremely tall, ranging from 65 to 72" tall. Still had some green stems, making this one of the most difficult plots I have harvested this year. There was little evidence of any disease and plants were loaded with pods.*

† 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: 10/17/2018 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.