

## 2018 Soybean Top 30 Harvest Report

Illinois North Central [ ILNC ] TOWANDA

Judson Stover, McLean County, IL 61776



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

PREV. CROP/HERB: Corn / Harness Xtra, atrazine, 2,4-D, Roundup PowerMax, atrazine, Halex GT  
 SOIL DESCRIPTION: Flanagan-Sable silt loam, mod. well drained, non-irrigated  
 SOIL CONDITIONS: Very high P, high K, 5.7 pH, 5.3% OM, 21.4 CEC  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Authority XL, Roundup PowerMax, 2,4-D, XtendiMax, Prefix, Roundup PowerMax  
 APPLIED N-P-K (units): 0-0-0  
 SEEDED - RATE - ROW: May 8 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 16 125,500 /A

**All-Season Test**  
**Maturity Group 2.8 - 3.8**  
 S2018ILNC16

### Top 30 of 63

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	C3550RX	RRX	3.5	R	<b>73.8</b>	15.4	1	126.9	\$664	1
FS HiSoy	HS 35X80	RRX	3.5	R	<b>73.5</b>	15.5	1	125.1	\$662	2
Stone	2RX3628	RRX	3.6	R	<b>72.9</b>	15.5	1	125.1	\$656	3
Dyna-Gro	S36XT09	RRX	3.6	R	<b>71.8</b>	15.1	1	119.7	\$646	4
Great Heart	GT-3711XS	RRX,ST	3.7	R	<b>71.5</b>	15.5	1	132.2	\$644	5
Titan Pro	TP 34X86	RRX	3.4	MR	<b>71.4</b>	15.5	1	144.8	\$643	6
Great Heart	GT-3600X	RRX	3.6	R	<b>71.1</b>	15.5	1	125.1	\$640	7
Renk	RS328NX	RRX	3.2	R	<b>71.1</b>	15.6	1	151.9	\$640	8
Asgrow	AG34X6 §	RRX	3.4	R	<b>68.9</b>	15.7	1	153.7	\$620	9
LG Seeds	LGS3777RX	RRX	3.7	R	<b>68.6</b>	15.5	1	130.5	\$617	10
LG Seeds	C3775RX GC	RRX	3.7	R	<b>68.5</b>	15.6	1	144.8	\$617	11
Stone	2RX3449	RRX	3.4	R	<b>68.4</b>	15.6	1	141.2	\$616	12
Golden Harvest	GH3088X	RRX	3.0	MR	<b>68.0</b>	15.3	1	112.6	\$612	13
Renk	RS288NX	RRX	2.8	R	<b>67.6</b>	14.9	1	128.7	\$608	14
Pioneer	P31A22X §	RRX	3.1	R	<b>67.3</b>	15.4	1	130.5	\$606	15
NK Brand	S30-M9X §	RRX	3.0	MR	<b>66.7</b>	15.4	1	119.7	\$600	16
Golden Harvest	GH2788X	RRX	2.7	R	<b>66.6</b>	15.6	1	117.9	\$599	17
Pioneer	P29A25X §	RRX	2.9	R	<b>66.6</b>	15.7	1	123.3	\$599	18
Renk	RS357NX	RRX	3.5	R	<b>66.5</b>	15.3	1	119.7	\$599	19
FS HiSoy	HS 34X60	RRX	3.4	R	<b>66.2</b>	15.4	1	107.2	\$596	20
Hefty	H34X7	RRX	3.4	MR	<b>66.0</b>	15.4	1	121.5	\$594	21
LG Seeds	LGS3411RX GC	RRX	3.4	R	<b>65.6</b>	15.5	1	105.4	\$590	22
Golden Harvest	GH3475X	RRX	3.4	R	<b>65.5</b>	15.1	1	130.5	\$590	23
NK Brand	S35-K9X	RRX	3.5	R	<b>65.4</b>	15.5	1	130.5	\$589	24
FS HiSoy	HS 31X60	RRX	3.1	R	<b>64.9</b>	14.9	1	121.5	\$584	25
Stone	2RX3229	RRX	3.2	R	<b>64.9</b>	15.8	1	116.2	\$584	26
Hefty	H28X8	RRX	2.8	MR	<b>64.8</b>	15.1	1	128.7	\$583	27
Renk	RS379NX	RRX	3.7	R	<b>64.6</b>	15.6	1	112.6	\$581	28
Hefty	H35X8	RRX	3.5	MR	<b>64.3</b>	15.3	1	132.2	\$579	29
LG Seeds	C2888RX	RRX	2.8	R	<b>64.3</b>	15.4	1	114.4	\$579	30

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Averages = **64.0** **15.4** **1** **125.5** **\$576**  
 LSD (0.10) = 4.6 0.3 ns  
 LSD (0.25) = 2.4 0.2 ns  
 C.V. = 6.9

Prev. years avg. yield, 57.1 bu/a, 17 yrs

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

**TEST COMMENTS:** *These beans were no-till planted in early May. Rainfall following planting really hurt seedling establishment. At harvest, bean plants were all considerably shorter than normal. Plants were still holding on to some petioles. This crop was some of the easiest harvesting beans we have encountered this year. No diseases to mention, all pods were 3 bean pods with an average of 3 pods per node.*

† 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 North Central [ ILNC ]**

**All-Season Test Products (63 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG30X9 §	RRX	3.0	R	ACi,IL	NK Brand	S34-T2X GC	RRX	3.4	R	CCB,Me
Asgrow	AG33X8 §	RRX	3.3	R	AC,PV	NK Brand	S35-K9X	RRX	3.5	R	CCB,Me
Asgrow	AG34X6 §	RRX	3.4	R	AC,PV	Pioneer	P28T71X §	RRX	2.8	R	EE,G
Asgrow	AG36X6 §	RRX	3.6	R	AC,PV	Pioneer	P29A25X §	RRX	2.9	R	EE,G,IL,Lu
Dyna-Gro	S34XT69	RRX	3.4	R	EQV,Ci	Pioneer	P31A22X §	RRX	3.1	R	EE,G
Dyna-Gro	S35XT97	RRX	3.5	R	EQV,Ci	Pioneer	P35T75X §	RRX	3.5	R	EE,G,Lu
Dyna-Gro	S36XT09	RRX	3.6	R	EQV,Ci	Pioneer	P38A98X §	RRX	3.8	R	EE,G
FS HiSoy	HS 30X80	RRX	3.0	R	ACi,IL	Renk	RS288NX	RRX	2.8	R	EcTC
FS HiSoy	HS 31X60	RRX	3.1	R	ACi,IL	Renk	RS309NSX	RRX,ST	3.0	R	EcTC
FS HiSoy	HS 32X80	RRX	3.2	R	ACi,IL	Renk	RS328NX	RRX	3.2	R	EcTC
FS HiSoy	HS 33X80	RRX	3.3	R	ACi,IL	Renk	RS348NX	RRX	3.4	R	EcTC
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,IL	Renk	RS357NX	RRX	3.5	R	EcTC
FS HiSoy	HS 35X80	RRX	3.5	R	ACi,IL	Renk	RS379NX	RRX	3.7	R	EcTC
FS HiSoy	HS 37X70	RRX	3.7	R	ACi,IL	Stone	2RX3229	RRX	3.2	R	AC,PV,IL
FS HiSoy	HS 38X70	RRX,ST	3.8	R	ACi,IL	Stone	2RX3449	RRX	3.4	R	AC,PV,IL
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me	Stone	2RX3628	RRX	3.6	R	AC,PV,IL
Golden Harvest	GH2981X	RRX	2.9	R	CCB,Me	Titan Pro	TP 32X58	RRX	3.2	MR	IL,PV
Golden Harvest	GH3088X	RRX	3.0	MR	CCB,Me	Titan Pro	TP 34X86	RRX	3.4	MR	IL,PV
Golden Harvest	GH3195X	RRX	3.1	R	CCB,Me						
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						
Great Heart	GT-3600X	RRX	3.6	R	Gr+						
Great Heart	GT-3711XS	RRX,ST	3.7	R	Gr+						
Hefty	H28X8	RRX	2.8	MR	DST						
Hefty	H29X8	RRX	2.9	MR	DST						
Hefty	H31X9	RRX	3.1	MR	DST						
Hefty	H33X8	RRX	3.3	MR	DST						
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						
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL						
LG Seeds	C3026RX GC	RRX	3.0	R	ASfi,IL						
LG Seeds	C3550RX	RRX	3.5	R	ASfi,IL						
LG Seeds	C3775RX GC	RRX	3.7	R	ASfi,IL						
LG Seeds	LGS3297RX GC	RRX	3.2	R	ASfi,IL						
LG Seeds	LGS3411RX GC	RRX	3.4	R	ASfi,IL						
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL						
NK Brand	S27-M8X GC	RRX	2.7	R	CCB,Me						
NK Brand	S29-K3X GC	RRX	2.9	R	CCB,Me						
NK Brand	S30-M9X §	RRX	3.0	MR	CCB,Me						
NK Brand	S31-Y2X §	RRX	3.1	R	CCB,Me						
NK Brand	S33-D7X §	RRX	3.3	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.