

2018 Soybean Top 30 Harvest Report
 Illinois North Central [ILNC] THOMASBORO
 Joe Burke, Champaign County, IL 61878



PREV. CROP/HERB: Corn / Staunch II, Impact, atrazine, Roundup PowerMax
 SOIL DESCRIPTION: Drummer silty clay loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.6 pH, 3.9% OM, 22.2 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Sonic, Metri DF, Roundup PowerMax, Engenia, Volunteer
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 11 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 17 147,900 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2018ILNC15

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
Hefty	H37X8S	RRX,ST	3.7	MR	88.7	14.5	10	160.8	\$798	1
Great Heart	GT-3711XS	RRX,ST	3.7	R	87.8	14.4	15	128.7	\$790	2
NK Brand	S35-K9X	RRX	3.5	R	87.2	14.3	10	176.9	\$785	3
FS HiSoy	HS 38X70	RRX,ST	3.8	R	85.3	14.4	14	146.5	\$768	4
LG Seeds	C3775RX GC	RRX	3.7	R	84.1	14.4	11	155.5	\$757	5
Renk	RS309NSX	RRX,ST	3.0	R	82.3	14.4	8	144.8	\$741	6
Asgrow	AG36X6 §	RRX	3.6	R	81.8	14.4	7	164.4	\$736	7
LG Seeds	C3026RX GC	RRX	3.0	R	81.8	14.5	9	148.3	\$736	8
Renk	RS379NX	RRX	3.7	R	81.5	14.3	15	146.5	\$734	9
NK Brand	S30-M9X §	RRX	3.0	MR	81.4	14.3	11	164.4	\$733	10
Great Heart	GT-3600X	RRX	3.6	R	80.8	14.3	9	130.5	\$727	11
Hefty	H28X8	RRX	2.8	MR	80.5	14.2	6	175.1	\$725	12
Dyna-Gro	S36XT09	RRX	3.6	R	80.2	14.4	9	164.4	\$722	13
FS HiSoy	HS 35X80	RRX	3.5	R	80.1	14.3	5	107.2	\$721	14
NK Brand	S33-D7X §	RRX	3.3	R	80.1	14.3	12	169.8	\$721	15
LG Seeds	C3550RX	RRX	3.5	R	80.0	14.4	6	153.7	\$720	16
FS HiSoy	HS 30X80	RRX	3.0	R	79.9	14.2	7	157.3	\$719	17
Renk	RS357NX	RRX	3.5	R	79.8	14.4	10	164.4	\$718	18
Hefty	H34X7	RRX	3.4	MR	79.6	14.4	6	173.3	\$716	19
LG Seeds	C2888RX	RRX	2.8	R	79.1	14.2	6	134.0	\$712	20
Hefty	H33X9	RRX	3.3	MR	79.0	14.2	6	146.5	\$711	21
Stone	2RX3449	RRX	3.4	R	78.8	14.3	9	123.3	\$709	22
NK Brand	S29-K3X GC	RRX	2.9	R	78.4	14.4	16	137.6	\$706	23
NK Brand	S31-Y2X §	RRX	3.1	R	78.2	14.2	4	125.1	\$704	24
FS HiSoy	HS 34X60	RRX	3.4	R	78.2	14.4	6	135.8	\$704	25
Asgrow	AG34X6 §	RRX	3.4	R	77.8	14.4	6	144.8	\$700	26
Golden Harvest	GH3195X	RRX	3.1	R	77.5	14.2	10	166.2	\$698	27
Titan Pro	TP 34X86	RRX	3.4	MR	77.3	14.3	7	169.8	\$696	28
LG Seeds	LGS3777RX	RRX	3.7	R	76.6	14.4	17	143.0	\$689	29
Asgrow	AG30X9 §	RRX	3.0	R	75.6	14.3	7	150.1	\$680	30

Averages = **76.9** **14.4** **9** **147.9** **\$692**
 LSD (0.10) = 3.7 0.1 5.8
 LSD (0.25) = 2.0 0.1 3.0
 C.V. = 4.6

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Prev. years avg. yield, 65.8 bu/a, 3 yrs

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

TEST COMMENTS: *Planting conditions were marginally wet at this location, but emergence was still good. The site received good rain-fall all season giving plants good vegetative growth. Plant height ranged from 36 to 46 inches. There were several 4 bean pods across the plot area. Little to no disease was present. Most varieties went through the combine easily. Overall, this was a good uniform site.*

† 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 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.