

2018 Soybean Top 30 Harvest Report

Illinois North Central [ILNC] DELAVAN

Dave Diekhoff, Tazewell County, IL 61734



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

PREV. CROP/HERB: Corn / Harness Xtra, 41% Glyphos
 SOIL DESCRIPTION: Ipava silt loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.6 pH, 3.9% OM, 16.1 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Hinge, 2,4-D, Roundup, Prefix, Roundup, Engenia, Outlook, Quilt XL
 APPLIED N-P-K (units): 20-40-120
 SEEDED - RATE - ROW: May 6 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 18 135,200 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2018ILNC13

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
NK Brand	S29-K3X GC	RRX	2.9	R	89.8	14.3	14	135.8	\$808	1
NK Brand	S35-K9X	RRX	3.5	R	89.5	14.3	14	164.4	\$806	2
Golden Harvest	GH3324X	RRX	3.3	R	88.7	14.4	11	126.9	\$798	3
Renk	RS357NX	RRX	3.5	R	87.9	14.3	11	151.9	\$791	4
LG Seeds	C3026RX GC	RRX	3.0	R	87.5	14.4	17	132.2	\$788	5
LG Seeds	C3550RX	RRX	3.5	R	85.4	14.3	9	141.2	\$769	6
Hefty	H37X8S	RRX,ST	3.7	MR	85.0	14.2	14	137.6	\$765	7
NK Brand	S34-T2X GC	RRX	3.4	R	84.7	14.2	14	123.3	\$762	8
Hefty	H29X8	RRX	2.9	MR	84.4	14.3	10	157.3	\$760	9
Titan Pro	TP 34X86	RRX	3.4	MR	82.5	14.3	10	130.5	\$743	10
Renk	RS309NSX	RRX,ST	3.0	R	82.5	14.3	10	146.5	\$743	11
Asgrow	AG36X6 §	RRX	3.6	R	82.5	14.2	14	141.2	\$743	12
LG Seeds	C2888RX	RRX	2.8	R	82.4	14.3	14	112.6	\$742	13
Golden Harvest	GH3546X	RRX	3.5	R	82.1	14.3	11	160.8	\$739	14
Golden Harvest	GH3475X	RRX	3.4	R	82.1	14.3	17	141.2	\$739	15
FS HiSoy	HS 35X80	RRX	3.5	R	82.0	14.2	20	116.2	\$738	16
Great Heart	GT-3711XS	RRX,ST	3.7	R	81.8	14.4	14	121.5	\$736	17
Golden Harvest	GH3088X	RRX	3.0	MR	81.7	14.2	17	160.8	\$735	18
NK Brand	S30-M9X §	RRX	3.0	MR	81.7	14.3	17	155.5	\$735	19
NK Brand	S33-D7X §	RRX	3.3	R	81.6	14.2	11	159.0	\$734	20
LG Seeds	LGS3777RX	RRX	3.7	R	81.6	14.2	11	135.8	\$734	21
Hefty	H34X7	RRX	3.4	MR	81.0	14.3	9	128.7	\$729	22
Hefty	H28X8	RRX	2.8	MR	80.8	14.3	12	141.2	\$727	23
NK Brand	S27-M8X GC	RRX	2.7	R	80.3	14.2	9	159.0	\$723	24
Hefty	H31X9	RRX	3.1	MR	79.9	14.3	9	125.1	\$719	25
Titan Pro	TP 32X58	RRX	3.2	MR	79.6	14.2	14	112.6	\$716	26
Golden Harvest	GH3195X	RRX	3.1	R	79.5	14.3	17	117.9	\$716	27
Renk	RS288NX	RRX	2.8	R	79.2	14.3	9	143.0	\$713	28
Asgrow	AG30X9 §	RRX	3.0	R	78.9	14.2	9	130.5	\$710	29
Hefty	H33X8	RRX	3.3	MR	78.9	14.3	17	112.6	\$710	30

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Averages =	78.2	14.3	13	135.2	\$704
LSD (0.10) =	5.5	0.1	6.3		
LSD (0.25) =	2.9	0.1	3.3		
C.V. =	6.7				

Prev. years avg. yield, 55.7 bu/a, 6 yrs

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 one of our earlier planted locations, before it started raining again. Damp conditions after planting hurt emergence a little. Dave, our host farmer, mentioned that phytophthora and rhizoctonia impacted some of the varieties early in the season. The rest of the growing season was pretty favorable. Seed size at harvest was fairly large. Very little late season disease noted in the plot.*

† 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: 10/19/2018 Revised:

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.