

2018 Soybean Top 30 Harvest Report

Illinois North [ILNO] MALTA

Steve Drendel, DeKalb County, IL 60150



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

PREV. CROP/HERB: Corn / Resicore, atrazine, Roundup, Status
 SOIL DESCRIPTION: Elpaso silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.5 pH, 3.4% OM, 24.0 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Zidua Pro, Roundup, Priaxor
 APPLIED N-P-K (units): 0-0-129
 SEEDED - RATE - ROW: May 8 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 18 138,800 /A

All-Season Test
Maturity Group 2.4 - 3.3
 S2018ILNO11

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	H24X8	RRX	2.4	MR	79.7	12.9	1	116.2	\$717	1
Renk	RS328NX	RRX	3.2	R	78.0	12.6	1	155.5	\$702	2
Cornelius	CB28R58	RR2Y	2.8	R	77.7	12.5	1	144.8	\$699	3
Hefty	H33X9	RRX	3.3	MR	77.7	12.7	1	139.4	\$699	4
Golden Harvest	GH2788X	RRX	2.7	R	76.7	12.6	1	144.8	\$690	5
Cornelius	CB31X25	RRX	3.1	R	76.6	12.9	1	126.9	\$689	6
Hefty	H29X8	RRX	2.9	MR	76.3	12.6	1	141.2	\$687	7
Pioneer	P29A25X §	RRX	2.9	R	76.2	12.9	1	139.4	\$686	8
Pioneer	P24T84X §	RRX	2.4	R	75.6	12.3	1	143.0	\$680	9
Stone	2RX2729	RRX	2.7	S	75.6	12.5	1	128.7	\$680	10
FS HiSoy	HS 25X70	RRX	2.5	R	75.6	12.6	1	121.5	\$680	11
Dyna-Gro	S28XT58	RRX	2.8	R	75.5	12.5	1	119.7	\$680	12
Pfister	32R201	RR2Y	3.2	R	75.4	12.8	1	168.0	\$679	13
FS HiSoy	HS 29X80	RRX,ST	2.9	R	75.3	12.8	1	128.7	\$678	14
Cornelius	CB29X90	RRX	2.9	R	75.2	12.6	1	139.4	\$677	15
NK Brand	S31-Y2X	RRX	3.1	R	75.1	12.4	1	141.2	\$676	16
Renk	RS269X	RRX	2.6	S	74.9	12.6	1	121.5	\$674	17
Renk	RS309NSX	RRX,ST	3.0	R	74.7	12.6	1	171.6	\$672	18
NK Brand	S33-D7X GC	RRX	3.3	R	74.6	12.8	1	162.6	\$671	19
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	74.4	12.7	1	132.2	\$670	20
Pfister	24R201	RR2Y	2.4	R	74.3	12.5	1	112.6	\$669	21
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	74.3	12.6	1	144.8	\$669	22
FS HiSoy	HS 32X80	RRX	3.2	R	73.9	12.5	1	121.5	\$665	23
FS HiSoy	HS 30X80	RRX	3.0	R	73.8	12.6	1	112.6	\$664	24
Hefty	H25X9	RRX	2.5	MR	73.5	12.3	1	144.8	\$662	25
Cornelius	CB24R82	RR2Y	2.4	R	73.5	12.6	1	157.3	\$662	26
NK Brand	S30-M9X §	RRX	3.0	MR	73.4	12.7	1	164.4	\$661	27
Golden Harvest	GH3324X	RRX	3.3	R	73.4	12.8	1	148.3	\$661	28
LG Seeds	C2888RX	RRX	2.8	R	73.2	12.4	1	148.3	\$659	29
Dyna-Gro	S31XT59	RRX	3.1	R	73.2	12.8	1	162.6	\$659	30

Jason Beyers

beyers@frontiernet.net, (815) 985-7369

Averages = **71.9** **12.5** **1** **138.8** **\$647**
 LSD (0.10) = 4.2 0.2 ns
 LSD (0.25) = 2.2 0.1 ns
 C.V. = 5.6

Prev. years avg. yield, 61.4 bu/a, 15 yrs

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

TEST COMMENTS: *The test was planted into moist soil conditions. Plants stand was reduced in rows following the tractor tires. Fortunately, every seed product had similar emergence issues. Mostly good growing conditions here but plants were not overly tall making lodging a non-issue. Pods were well clustered at all nodes with a few 4 bean pods. Very little disease noted. Seed size was above average.*

† 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.