

## 2017 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 / Acuron, Roundup  
 SOIL DESCRIPTION: Elpaso silty clay, mod. well drained, non-irrigated  
 SOIL CONDITIONS: Very high P, medium K, 6.1 pH, 5.2% OM, 28.3 CEC  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Roundup, Flexstar GT  
 APPLIED N-P-K (units): 27-69-120  
 SEEDED - RATE - ROW: May 17 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 19 116,400 /A

**All-Season Test**  
**Maturity Group 2.4 - 3.3**  
 S2017ILNO11

**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	S27-M8X §	RRX	2.7	R	<b>70.6</b>	11.4	1	126.4	\$653	1
Titan Pro	TP-30X77	RRX	3.0	MR	<b>70.6</b>	11.6	1	141.3	\$653	2
Golden Harvest	GH2788X	RRX	2.7	R	<b>70.3</b>	11.5	1	137.5	\$650	3
Renk	RS265NR2	RR2Y	2.6	MR	<b>69.0</b>	11.8	1	130.1	\$638	4
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	<b>68.1</b>	11.9	1	104.1	\$630	5
Asgrow	AG33X8 §	RRX	3.3	R	<b>68.1</b>	12.0	1	145.0	\$630	6
Stine	28RH02 §	RR2Y	2.8	R	<b>68.0</b>	11.8	1	130.1	\$629	7
Renk	RS317NX	RRX	3.1	R	<b>68.0</b>	12.1	1	115.2	\$629	8
FS HiSoy	HS 31X60	RRX	3.1	R	<b>68.0</b>	12.2	1	107.8	\$629	9
NK Brand	S31-Y2X §	RRX	3.1	R	<b>67.8</b>	11.8	1	120.8	\$627	10
Pfister	29R25	RR2Y	2.9	R	<b>67.8</b>	11.9	2	124.5	\$627	11
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	<b>67.7</b>	11.7	1	117.1	\$626	12
Pioneer	P24T84X §	RRX	2.4	R	67.4	11.4	2	124.5	\$623	13
Stine	24RH62 §	RR2Y	2.4	R	67.3	11.4	1	100.4	\$623	14
FS HiSoy	HS 28X70	RRX	2.8	R	66.4	11.8	1	122.7	\$614	15
Hefty	H31X7	RRX	3.1	R	66.4	12.1	1	98.5	\$614	16
Cornelius	CB24R82	RR2Y	2.4	R	66.2	11.6	4	107.8	\$612	17
FS HiSoy	HS 30X70	RRX	3.0	R	65.5	12.0	1	120.8	\$606	18
Pfister	30R25	RR2Y	3.0	R	65.5	12.1	1	126.4	\$606	19
Stone	2RX2627	RRX	2.6	R	65.4	11.8	5	91.1	\$605	20
Cornelius	CB24X64	RRX	2.4	R	65.3	11.7	1	109.7	\$604	21
Renk	RS248NX	RRX	2.4	R	65.3	11.8	2	146.8	\$604	22
Golden Harvest	GH2537X	RRX	2.5	R	65.2	11.6	6	118.9	\$603	23
LG Seeds	C2888RX	RRX	2.8	R	64.7	11.5	1	98.5	\$598	24
Hefty	H24X8	RRX	2.4	R	64.7	11.8	1	122.7	\$598	25
Golden Harvest	GH3324X	RRX	3.3	R	64.7	11.9	1	126.4	\$598	26
NK Brand	S29-K3X §	RRX	2.9	R	64.6	11.6	1	128.2	\$598	27
Cornelius	CB29R69	RR2Y	2.9	R	64.6	11.8	1	107.8	\$598	28
Pfister	32R201	RR2Y	3.2	R	64.5	11.8	1	89.2	\$597	29
FS HiSoy	HS 27X60	RRX	2.7	R	64.2	11.6	1	107.8	\$594	30

Averages = **64.2** **11.8** **1** **116.4** **\$594**

LSD (0.10) = 3.4 0.3 1.2

LSD (0.25) = 1.8 0.1 0.6

C.V. = 5.1

Prev. years avg. yield, 59.9 bu/a, 14 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.000 Prices = \$9.25 GMO; \$9.25 non-GMO

**TEST COMMENTS:** *The plot location was planted in ideal conditions, but emergence in this no-till setting was less than perfect. Early growing conditions were good as well. We did have some early season giant ragweed pressure, but got them under control before it could impact yield. Late season rainfall was limited. There was little to no disease present at harvest. Beans were all standing well for their height.*

† 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: 10/21/2017 Revised:

### 2017 Soybean - Illinois North [ ILNO ]

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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG29X8 §	RRX	2.9	R	ACi
Asgrow	AG30X8 §	RRX	3.0	R	ACi
Asgrow	AG33X8 §	RRX	3.3	R	ACi
Cornelius	CB24R82	RR2Y	2.4	R	PG+
Cornelius	CB24X64	RRX	2.4	R	PG+
Cornelius	CB26X70	RRX	2.6	R	PG+
Cornelius	CB27X81	RRX	2.7	R	PG+
Cornelius	CB28X73	RRX	2.8	R	PG+
Cornelius	CB29R69	RR2Y	2.9	R	PG+
Cornelius	CB31X13	RRX	3.1	R	PG+
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	CMB
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB
Dyna-Gro	S28XT58	RRX	2.8	R	EQV,Ci
Dyna-Gro	S31XT48	RRX	3.1	R	EQV,Ci
FS HiSoy	HS 25X70	RRX	2.5	R	ACi, IL
FS HiSoy	HS 27X60	RRX	2.7	R	ACi, IL
FS HiSoy	HS 28X70	RRX	2.8	R	ACi, IL
FS HiSoy	HS 29X70	RRX	2.9	R	ACi, IL
FS HiSoy	HS 30X70	RRX	3.0	R	ACi, IL
FS HiSoy	HS 31X60	RRX	3.1	R	ACi, IL
FS HiSoy	HS 32X70	RRX	3.2	R	ACi, IL
FS HiSoy	HS 33X70	RRX	3.3	R	ACi, IL
Golden Harvest	GH2537X	RRX	2.5	R	CCB,Me
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me
Golden Harvest	GH3324X	RRX	3.3	R	CCB,Me
Hefty	H24X8	RRX	2.4	R	DST
Hefty	H25X8	RRX	2.5	R	DST
Hefty	H26X7	RRX	2.6	R	DST
Hefty	H27X6	RRX	2.7	R	DST
Hefty	H28X8	RRX	2.8	R	DST
Hefty	H30X8	RRX	3.0	R	DST
Hefty	H31X7	RRX	3.1	R	DST
Hefty	H32X8	RRX	3.2	R	DST
LG Seeds	C2580RX	RRX	2.5	R	ASfi,IL
LG Seeds	C2888RX	RRX	2.8	R	ASfi,IL
LG Seeds	C3333RX	RRX	3.3	R	ASfi,IL
NK Brand	S27-M8X §	RRX	2.7	R	CCB,Me
NK Brand	S29-K3X §	RRX	2.9	R	CCB,Me
NK Brand	S31-Y2X §	RRX	3.1	R	CCB,Me
Pfister	26R207	RR2Y	2.6	R	CCB
Pfister	29R25	RR2Y	2.9	R	CCB
Pfister	30R25	RR2Y	3.0	R	CCB
Pfister	32R201	RR2Y	3.2	R	CCB
Pfister	33R206	RR2Y	3.3	R	CMBV
Pioneer	P24T84X §	RRX	2.4	R	EE,G
Pioneer	P25T51R §	RR	2.5	R	EE,G
Pioneer	P28T71X §	RRX	2.8	R	EE,G
Renk	RS248NX	RRX	2.4	R	AM,IL
Renk	RS265NR2	RR2Y	2.6	MR	AM,IL
Renk	RS268NX	RRX	2.6	R	AM,IL
Renk	RS288NX	RRX	2.8	R	AM,IL
Renk	RS317NX	RRX	3.1	R	EcTC
Stine	24RH62 §	RR2Y	2.4	R	SFI
Stine	28RH02 §	RR2Y	2.8	R	SFI
Stine	32RF02 §	RR2Y	3.2	R	SFI
Stone	2RX2627	RRX	2.6	R	ACi
Stone	2RX2918	RRX	2.9	R	ACi
Stone	2RX3337	RRX	3.3	R	ACi
Titan Pro	TP-26X37	RRX	2.6	MR	IS,IL
Titan Pro	TP-28X47	RRX	2.8	MR	IS,IL
Titan Pro	TP-30X77	RRX	3.0	MR	IS,IL
Titan Pro	TP-31X26	RRX	3.1	R	IS,IL

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer.
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

BG	Balance™ GT
LL	LibertyLink <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
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 unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron <sup>®</sup> fungicide products	IL	ILeVO <sup>®</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx <sup>®</sup>	MAG	Maximum ArmourGuard™
ASfi	AgriShield <sup>®</sup> F+I	Me	Mertect <sup>®</sup>
AVB	Avicta <sup>®</sup> Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx <sup>®</sup> Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	PG+	Profit Guard +™
DPHB	DPH Boost <sup>®</sup>	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase <sup>®</sup>	TE	Trius Elite™
EQV	Equity <sup>®</sup> VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden <sup>®</sup> CX
F	fungicide	Wr	Warden <sup>®</sup> RTA
G	Gaicho <sup>®</sup>	YPP	YP Pro™

\* Seed treatments may include unspecified plant health promoting components.