

## 2017 Soybean Top 30 Harvest Report

Illinois North [ ILNO ] MILLEDGEVILLE

Steve Hollewell, Carroll County, IL 61051



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

PREV. CROP/HERB: Corn / Prequel, atrazine, Impact  
 SOIL DESCRIPTION: Osco silt loam, well drained, non-irrigated  
 SOIL CONDITIONS: Very high P, very high K, 6.2 pH, 2.5% OM, 14.8 CEC  
 TILLAGE/CULTIVATION: Conventional w/ fall till  
 PEST MANAGEMENT: Envive, Abundit Extra, Assure II  
 APPLIED N-P-K (units): 0-0-120  
 SEEDED - RATE - ROW: May 30 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 5 160,700 /A

**All-Season Test**  
**Maturity Group 2.4 - 3.3**  
 S2017ILNO12

### 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
Golden Harvest	GH3324X	RRX	3.3	R	75.6	13.9	41	178.4	\$699	1
FS HiSoy	HS 27X60	RRX	2.7	R	75.5	11.9	14	169.1	\$698	2
NK Brand	S27-M8X §	RRX	2.7	R	74.8	11.0	23	172.8	\$692	3
Titan Pro	TP-30X77	RRX	3.0	MR	74.3	11.2	23	191.4	\$687	4
FS HiSoy	HS 30X70	RRX	3.0	R	74.1	12.8	17	158.0	\$685	5
LG Seeds	C3333RX	RRX	3.3	R	74.1	11.9	29	145.0	\$685	6
Hefty	H31X7	RRX	3.1	R	73.9	11.2	19	132.0	\$684	7
Titan Pro	TP-28X47	RRX	2.8	MR	73.8	10.9	17	165.4	\$683	8
Renk	RS265NR2	RR2Y	2.6	MR	73.7	10.7	18	158.0	\$682	9
Stine	32RF02 §	RR2Y	3.2	R	73.3	13.2	29	146.8	\$678	10
Cornelius	CB31X13	RRX	3.1	R	73.2	11.7	14	143.1	\$677	11
Renk	RS317NX	RRX	3.1	R	73.1	11.2	26	156.1	\$676	12
Renk	RS248NX	RRX	2.4	R	73.0	11.3	29	197.0	\$675	13
Golden Harvest	GH2788X	RRX	2.7	R	72.7	11.0	17	154.3	\$672	14
Titan Pro	TP-31X26	RRX	3.1	R	72.3	11.6	17	169.1	\$669	15
Asgrow	AG29X8 §	RRX	2.9	R	72.3	11.8	26	195.1	\$669	16
FS HiSoy	HS 33X70	RRX	3.3	R	71.7	14.4	22	152.4	\$663	17
Stone	2RX3337	RRX	3.3	R	71.7	12.2	36	161.7	\$663	18
Cornelius	CB27X81	RRX	2.7	R	71.6	10.9	22	158.0	\$662	19
Dyna-Gro	S28XT58	RRX	2.8	R	71.2	10.9	16	150.5	\$659	20
LG Seeds	C2888RX	RRX	2.8	R	71.0	10.9	19	165.4	\$657	21
FS HiSoy	HS 31X60	RRX	3.1	R	71.0	12.2	19	143.1	\$657	22
Hefty	H28X8	RRX	2.8	R	70.6	11.2	16	148.7	\$653	23
Pfister	30R25	RR2Y	3.0	R	70.1	11.7	26	195.1	\$648	24
Stine	24RH62 §	RR2Y	2.4	R	69.8	10.9	29	172.8	\$646	25
Hefty	H32X8	RRX	3.2	R	69.7	11.7	19	180.3	\$645	26
Cornelius	CB24R82	RR2Y	2.4	R	69.3	11.0	27	143.1	\$641	27
Renk	RS288NX	RRX	2.8	R	69.1	11.3	22	161.7	\$639	28
Hefty	H27X6	RRX	2.7	R	69.0	10.9	22	128.2	\$638	29
Cornelius	CB28X73	RRX	2.8	R	68.9	11.7	22	156.1	\$637	30

Averages = **69.0** **11.5** **23** **160.7** **\$638**

LSD (0.10) = 3.7 0.7 9.7

LSD (0.25) = 1.9 0.4 5.1

C.V. = 4.9

Prev. years avg. yield, 64.1 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:** Emergence was excellent at this plot, with good early season growth. Some plants were as tall as 60". Limited rainfall late in the season did not help the beans mature properly. More than half of the varieties that still had green stems at harvest, and 1/3 of varieties were still holding on to green leaves, causing harvest difficulties. Overall it was a very nice uniform set of data.

† 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: 10/06/2017 Revised:

### 2017 Soybean - Illinois North [ ILNO ]

#### 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	AG29X8 §	RRX	2.9	R	ACi	Pioneer	P24T84X §	RRX	2.4	R	EE,G
Asgrow	AG30X8 §	RRX	3.0	R	ACi	Pioneer	P25T51R §	RR	2.5	R	EE,G
Asgrow	AG33X8 §	RRX	3.3	R	ACi	Pioneer	P28T71X §	RRX	2.8	R	EE,G
Cornelius	CB24R82	RR2Y	2.4	R	PG+	Renk	RS248NX	RRX	2.4	R	AM,IL
Cornelius	CB24X64	RRX	2.4	R	PG+	Renk	RS265NR2	RR2Y	2.6	MR	AM,IL
Cornelius	CB26X70	RRX	2.6	R	PG+	Renk	RS268NX	RRX	2.6	R	AM,IL
Cornelius	CB27X81	RRX	2.7	R	PG+	Renk	RS288NX	RRX	2.8	R	AM,IL
Cornelius	CB28X73	RRX	2.8	R	PG+	Renk	RS317NX	RRX	3.1	R	EcTC
Cornelius	CB29R69	RR2Y	2.9	R	PG+	Stine	24RH62 §	RR2Y	2.4	R	SFI
Cornelius	CB31X13	RRX	3.1	R	PG+	Stine	28RH02 §	RR2Y	2.8	R	SFI
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	Stine	32RF02 §	RR2Y	3.2	R	SFI
Dairyland	DSR-3028/R2Y	RR2Y	3.0	MR	CMB	Stone	2RX2627	RRX	2.6	R	ACi
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	Stone	2RX2918	RRX	2.9	R	ACi
Dyna-Gro	S28XT58	RRX	2.8	R	EQV,Ci	Stone	2RX3337	RRX	3.3	R	ACi
Dyna-Gro	S31XT48	RRX	3.1	R	EQV,Ci	Titan Pro	TP-26X37	RRX	2.6	MR	IS,IL
FS HiSoy	HS 25X70	RRX	2.5	R	ACi, IL	Titan Pro	TP-28X47	RRX	2.8	MR	IS,IL
FS HiSoy	HS 27X60	RRX	2.7	R	ACi, IL	Titan Pro	TP-30X77	RRX	3.0	MR	IS,IL
FS HiSoy	HS 28X70	RRX	2.8	R	ACi, IL	Titan Pro	TP-31X26	RRX	3.1	R	IS,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						

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

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