

## 2017 Soybean Top 30 Harvest Report

Illinois South Central [ ILSC ] TUSCOLA  
John Carmack, Douglas County, IL 61956



PREV. CROP/HERB: Corn / Roundup, Lexar, atrazine  
SOIL DESCRIPTION: Drummer-Flanagan silty clay loam, well drained, non-irrigated  
SOIL CONDITIONS: Low P, medium K, 6.5 pH, 2.8% OM, 18.5 CEC  
TILLAGE/CULTIVATION: No-till  
PEST MANAGEMENT: glyphosate, Sharpen, Authority Assist, Prowl H2O, Flexstar  
APPLIED N-P-K (units): 0-VRT-VRT  
SEEDED - RATE - ROW: Jun 1 140,000 /A 30" Spacing  
HARVESTED - STAND: Nov 11 127,000 /A

**All-Season Test**  
**Maturity Group 3.3 - 4.3**  
S2017ILSC13

**Top 30 of 48**  
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
Pfister	41RS02	RR2Y,ST	4.1	R	54.4	12.8	0	127.8	\$511	1
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	54.4	13.0	0	127.8	\$511	2
Dyna-Gro	S41XS98	RRX,ST	4.1	R	53.9	14.3	0	127.8	\$505	3
Stine	38RE02 §	RR2Y,ST	3.8	R	53.2	12.8	0	124.9	\$500	4
Stine	43RE02 §	RR2Y	4.3	R	53.1	13.8	0	127.8	\$498	5
Pfister	39R201	RR2Y	3.9	R	52.8	13.5	0	127.8	\$495	6
Lewis	4272X	RRX,ST	4.2	R	52.7	13.2	0	122.0	\$495	7
NK Brand	S39-P5X	RRX	3.9	R	52.6	13.0	0	122.0	\$494	8
FS HiSoy	HS 41X70	RRX,ST	4.1	R	52.6	14.1	0	130.7	\$493	9
FS HiSoy	HS 38X70	RRX,ST	3.8	R	52.5	12.7	0	127.8	\$493	10
Golden Harvest	GH4307X §	RRX	4.3	R	52.4	13.8	0	124.9	\$491	11
Pfister	37RS01	RR2Y,ST	3.7	R	52.2	12.9	0	127.8	\$490	12
FS HiSoy	HS 42X50	RRX	4.2	R	52.1	13.5	0	130.7	\$489	13
Pioneer	P38A98X §	RRX	3.8	R	52.0	13.8	0	124.9	\$487	14
Lewis	3572X	RRX	3.5	R	51.8	12.8	0	127.8	\$486	15
Golden Harvest	GH3546X	RRX	3.5	R	51.6	12.5	0	127.8	\$485	16
Stone	2RX4327-SR	RRX,ST	4.3	R	51.6	13.3	0	127.8	\$484	17
Pioneer	P40T84X §	RRX	4.0	R	51.6	13.5	0	127.8	\$484	18
NK Brand	S35-K9X	RRX	3.5	R	51.5	12.6	0	127.8	\$484	19
Lewis	3682X	RRX	3.6	R	51.5	12.8	0	130.7	\$484	20
Lewis	4372X	RRX,ST	4.3	R	51.5	12.9	0	130.7	\$484	21
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	51.4	13.3	0	127.8	\$482	22
FS HiSoy	HS 43X60	RRX,ST	4.3	R	51.1	13.4	0	127.8	\$479	23
Golden Harvest	GH3982X §	RRX	3.9	R	50.9	13.4	0	130.7	\$478	24
Asgrow	AG36X6 §	RRX	3.6	R	50.5	13.1	0	127.8	\$474	25
LG Seeds	C3985RX	RRX	3.9	R	50.5	13.8	0	122.0	\$473	26
Lewis	4161X	RRX	4.1	MR	50.4	13.7	0	130.7	\$473	27
FS HiSoy	HS 35X70	RRX	3.5	R	49.9	12.6	0	127.8	\$469	28
FS HiSoy	HS 34X60	RRX	3.4	R	49.9	12.9	0	124.9	\$469	29
Stone	2RX3628	RRX	3.6	R	49.9	13.1	0	124.9	\$468	30

Averages = **50.4** **13.2** **0** **127.0** **\$473**

LSD (0.10) = 3.1 0.3 ns

LSD (0.25) = 1.7 0.2 ns

C.V. = 5.9 Prev. years avg. yield, 50.7 bu/a, 16 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.39 GMO; \$9.39 non-GMO

**TEST COMMENTS:** *John commented about struggling to control waterhemp weeds in his soybean fields this year. He added that he walked and pulled the weeds in the trial, but it came back later. So, a moderate level of waterhemp was present. Soybean plant heights ranged from 24"-30". Seed size varied with moderate quality.*

† 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: 11/13/2017 Revised:

**2017 Soybean - Illinois South Central [ ILSC ]**

**All-Season Test Products (48 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Stone	2RX3628	RRX	3.6	R	ACi
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi	Stone	2RX3928	RRX	3.9	R	ACi
Asgrow	AG42X6 §	RRX	4.2	R	ACi	Stone	2RX4327-SR	RRX,ST	4.3	R	ACi
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB						
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	CMB						
Dyna-Gro	S39XT68	RRX	3.9	R	EQV,Ci						
Dyna-Gro	S41XS98	RRX,ST	4.1	R	EQV,Ci						
FS HiSoy	HS 34X60	RRX	3.4	R	ACi, IL						
FS HiSoy	HS 35X70	RRX	3.5	R	ACi, IL						
FS HiSoy	HS 37X70	RRX	3.7	R	ACi, IL						
FS HiSoy	HS 38X70	RRX,ST	3.8	R	ACi, IL						
FS HiSoy	HS 39X70	RRX	3.9	R	ACi, IL						
FS HiSoy	HS 41X70	RRX,ST	4.1	R	ACi, IL						
FS HiSoy	HS 42X50	RRX	4.2	R	ACi, IL						
FS HiSoy	HS 43X60	RRX,ST	4.3	R	ACi, IL						
Golden Harvest	GH3546X	RRX	3.5	R	CCB,Me						
Golden Harvest	GH3982X §	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4142X §	RRX	4.1	R	CCB,Me						
Golden Harvest	GH4307X §	RRX	4.3	R	AVBV,Me						
Lewis	3462X	RRX	3.4	R	ACi						
Lewis	3572X	RRX	3.5	R	ACi						
Lewis	3682X	RRX	3.6	R	ACi						
Lewis	3872X	RRX	3.8	R	ACi						
Lewis	4161X	RRX	4.1	MR	ACi						
Lewis	4182X	RRX,ST	4.1	R	ACi						
Lewis	4272X	RRX,ST	4.2	R	ACi						
Lewis	4372X	RRX,ST	4.3	R	ACi						
LG Seeds	C3489RX	RRX	3.4	R	ASfi,IL						
LG Seeds	C3775RX	RRX	3.7	R	ASfi,IL						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
NK Brand	S35-K9X	RRX	3.5	R	CCB,Me						
NK Brand	S37-H5X	RRX	3.7	R	CCB,Me						
NK Brand	S39-P5X	RRX	3.9	R	CCB,Me						
Pfister	33R206	RR2Y	3.3	R	CMBV						
Pfister	35R201	RR2Y	3.5	R	CCB						
Pfister	36R207	RR2Y	3.6	R	CMBV						
Pfister	37RS01	RR2Y,ST	3.7	R	CCB						
Pfister	39R201	RR2Y	3.9	R	CCB						
Pfister	41RS02	RR2Y,ST	4.1	R	CCB						
Pioneer	P36T36X §	RRX	3.6	R	EE,G,IL						
Pioneer	P38A98X §	RRX	3.8	R	EE,G,IL						
Pioneer	P40T84X §	RRX	4.0	R	EE,G,IL						
Stine	38RE02 §	RR2Y,ST	3.8	R	SFI						
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI						
Stine	43RE02 §	RR2Y	4.3	R	SFI						

## 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.