

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

Eric Beyers

ewbeye@hotmail.com, (217) 825-9072

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:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] 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 [®]
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 unavailable	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
AG	ArmourGuard [™]	IS	Intego [™] Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard [™]
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST [™] (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass [™] Plus F/I
CCB	Clariva [™] Complete Beans	None	untreated
CI	Clariva [™] pn	Pd	proTect D [™]
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I [™]
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard + [™]
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance [™] ST	PV	Poncho [®] /Votivo [®]
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 [®]	TE	Trius Elite [™]
EQV	Equity [®] VIP	TT	Turbo Treat [™]
Es	Escalate [™]	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaicho [®]	YPP	YP Pro [™]

* Seed treatments may include unspecified plant health promoting components.