

2017 Soybean Top 30 Harvest Report

Illinois South [ILSO] FLORA
Kent Warren, Clay County, IL 62824



PREV. CROP/HERB: Corn / Acuron, Aatrex
SOIL DESCRIPTION: Hoyleton-Cisne silty clay loam, mod. poor drained
SOIL CONDITIONS: Very high P, medium K, 6.8 pH, 1.6% OM, 9.6 CEC
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Roundup, Warrant
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 23 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 7 70,400 /A

All-Season Test
Maturity Group 3.7 - 4.7
S2017ILSO24

Top 30 of 42
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
FS HiSoy	HS 43X60	RRX,ST	4.3	R	63.7	10.8	0	95.8	\$586	1
Stone	2RX4438	RRX	4.4	R	63.4	10.5	0	81.3	\$583	2
Golden Harvest	GH3982X	RRX	3.9	R	63.2	9.7	0	58.1	\$581	3
Stine	45RI02 §	RR2Y	4.5	R	63.1	11.0	0	84.2	\$581	4
FS HiSoy	HS 37X70	RRX	3.7	R	62.8	10.3	0	58.1	\$578	5
Dyna-Gro	S43XS27	RRX,ST	4.3	R	62.8	10.5	0	69.7	\$578	6
Golden Harvest	GH4307X	RRX	4.3	R	62.8	10.6	0	75.5	\$578	7
Pioneer	P40T84X §	RRX	4.0	R	62.8	10.6	0	61.0	\$578	8
FS HiSoy	HS 38X70	RRX,ST	3.8	R	62.6	10.0	0	72.6	\$576	9
Stine	37RI02 §	RR2Y	3.7	R	62.2	10.4	0	75.5	\$572	10
LG Seeds	C4710RX	RRX,ST	4.7	R	62.2	12.7	0	78.4	\$572	11
Stine	38RE02 §	RR2Y,ST	3.8	R	62.0	9.7	0	78.4	\$570	12
Pfister	41RS02	RR2Y,ST	4.1	R	61.9	9.9	0	58.1	\$569	13
Stone	2RX4228-SR	RRX,ST	4.2	R	61.9	10.1	0	72.6	\$569	14
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	61.8	10.3	0	72.6	\$569	15
Great Heart	GT-4540XS	RRX,ST	4.5	R	61.8	11.0	0	72.6	\$569	16
Great Heart	GT-3926X	RRX	3.9	R	61.7	10.2	0	75.5	\$568	17
NK Brand	S43-V3X §	RRX	4.3	R	61.7	10.4	0	66.8	\$568	18
Pfister	39R201	RR2Y	3.9	R	61.6	10.2	0	69.7	\$567	19
Stone	2RX4327-SR	RRX,ST	4.3	R	61.6	10.7	0	72.6	\$567	20
Asgrow	AG39X7 §	RRX,ST	3.9	R	61.4	10.1	0	66.8	\$565	21
NK Brand	S39-P5X §	RRX	3.9	R	61.2	10.1	0	63.9	\$563	22
Great Heart	GT-4231XS	RRX,ST	4.2	R	60.7	10.5	0	55.2	\$558	23
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	60.7	11.1	0	55.2	\$558	24
LG Seeds	C4458RX	RRX,ST	4.4	R	60.6	10.7	0	78.4	\$558	25
Asgrow	AG43X7 §	RRX,ST	4.3	R	60.6	10.8	0	81.3	\$558	26
FS HiSoy	HS 44X60	RRX,ST	4.4	R	60.4	10.3	0	81.3	\$556	27
FS HiSoy	HS 46X60	RRX,ST	4.6	R	60.3	13.2	0	81.3	\$555	28
Pioneer	P38A98X §	RRX	3.8	R	60.2	10.4	0	69.7	\$554	29
Asgrow	AG46X6 §	RRX	4.6	R	60.0	12.0	0	63.9	\$552	30

Averages = 60.8 10.7 0 70.4 \$559

LSD (0.10) = 2.8 0.5 ns

LSD (0.25) = 1.5 0.3 ns

C.V. = 4.4 Prev. years avg. yield, 37.3 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.20 GMO; \$9.20 non-GMO

TEST COMMENTS: This site had damp heavy soil at planting which reduced stands. Brandon, Kent's son, said that slug damage to young seedlings was an area problem, severe enough to replant in some cases. Rainfall was limited here, droughty from June to mid-July and August to mid-Sept. A 2.7" rain in late July was the only major rain event. The plot was nearly weed-free. Plants bushed to compensate for lack of stand.

† 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: 10/08/2017 Revised:

2017 Soybean - Illinois South [ILSO]

All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG39X7 §	RRX,ST	3.9	R	ACi						
Asgrow	AG43X7 §	RRX,ST	4.3	R	ACi						
Asgrow	AG46X6 §	RRX	4.6	R	ACi						
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB						
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	CMB						
Dyna-Gro	S41XS98	RRX,ST	4.1	R	EQV,Ci						
Dyna-Gro	S43XS27	RRX,ST	4.3	R	EQV,Ci						
Dyna-Gro	S46XS87	RRX,ST	4.6	R	EQV,Ci						
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						
FS HiSoy	HS 44X60	RRX,ST	4.4	R	ACi, IL						
FS HiSoy	HS 46X60	RRX,ST	4.6	R	ACi, IL						
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						
Golden Harvest	GH4542X §	RRX	4.5	R	CCB,Me						
Great Heart	GT-3926X	RRX	3.9	R	Gr+						
Great Heart	GT-4231XS	RRX,ST	4.2	R	Gr+						
Great Heart	GT-4430XS	RRX,ST	4.4	R	Gr+						
Great Heart	GT-4540XS	RRX,ST	4.5	R	Gr+						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	C4458RX	RRX,ST	4.4	R	ASfi,IL						
LG Seeds	C4710RX	RRX,ST	4.7	R	ASfi,IL						
NK Brand	S39-P5X §	RRX	3.9	R	CCB,Me						
NK Brand	S43-V3X §	RRX	4.3	R	CCB,Me						
NK Brand	S45-K5X	RRX	4.5	R	CCB,Me						
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	37RI02 §	RR2Y	3.7	R	SFI						
Stine	38RE02 §	RR2Y,ST	3.8	R	SFI						
Stine	45RI02 §	RR2Y	4.5	R	SFI						
Stone	2RX4228-SR	RRX,ST	4.2	R	ACi						
Stone	2RX4327-SR	RRX,ST	4.3	R	ACi						
Stone	2RX4438	RRX	4.4	R	ACi						

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	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.