

2017 Soybean Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE

John (Don) Barttelbort, St. Clair County, IL 62224



Test by: 3rd Party Comparisons, LLC, Owaneco, IL

PREV. CROP/HERB: Corn / Roundup, 2,4-D, Princep, Aatrex, 2,4-D, atrazine, Acuron
 SOIL DESCRIPTION: Ipava silty clay loam, moderately drained, non-irrigated
 SOIL CONDITIONS: High P, medium K, 5.9 pH, 2.1% OM, 11.6 CEC
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Prefix, Roundup PowerMax
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 26 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 13 128,800 /A

All-Season Test
Maturity Group 3.7 - 4.7
 S2017ILSO23

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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
Pioneer	P38A98X §	RRX	3.8	R	65.7	17.2	0	127.8	\$599	1
FS HiSoy	HS 42X50	RRX	4.2	R	65.7	17.2	0	127.8	\$599	2
Great Heart	GT-4231XS	RRX,ST	4.2	R	65.4	17.9	0	130.7	\$595	4
Pfister	39R201	RR2Y	3.9	R	65.3	16.6	0	133.6	\$596	3
FS HiSoy	HS 38X70	RRX,ST	3.8	R	65.2	16.5	7	133.6	\$595	5
FS HiSoy	HS 46X60	RRX,ST	4.6	R	65.2	18.0	0	130.7	\$593	7
FS HiSoy	HS 39X70	RRX	3.9	R	65.1	16.9	3	124.9	\$594	6
NK Brand	S43-V3X §	RRX	4.3	R	65.0	17.1	7	130.7	\$593	8
Golden Harvest	GH4307X	RRX	4.3	R	64.3	17.6	4	124.9	\$586	9
Stone	2RX4327-SR	RRX,ST	4.3	R	64.2	17.6	3	130.7	\$585	10
Dyna-Gro	S41XS98	RRX,ST	4.1	R	63.3	17.9	2	127.8	\$576	11
Stone	2RX4438	RRX	4.4	R	63.0	17.5	3	133.6	\$574	12
Pioneer	P40T84X §	RRX	4.0	R	62.9	17.5	0	127.8	\$573	13
FS HiSoy	HS 43X60	RRX,ST	4.3	R	62.9	17.3	3	127.8	\$573	14
Asgrow	AG46X6 §	RRX	4.6	R	62.9	17.3	3	127.8	\$573	15
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	62.8	16.6	4	119.1	\$573	16
Dyna-Gro	S43XS27	RRX,ST	4.3	R	62.8	17.9	2	133.6	\$572	17
FS HiSoy	HS 41X70	RRX,ST	4.1	R	62.6	17.9	1	133.6	\$570	19
Stone	2RX4228-SR	RRX,ST	4.2	R	62.5	16.5	3	127.8	\$571	18
LG Seeds	C4458RX	RRX,ST	4.4	R	62.5	17.2	0	130.7	\$570	20
Stine	45RI02 §	RR2Y	4.5	R	62.4	17.7	0	130.7	\$568	22
Pfister	41RS02	RR2Y,ST	4.1	R	62.3	16.2	11	127.8	\$569	21
Stine	37RI02 §	RR2Y	3.7	R	61.5	17.8	0	133.6	\$560	23
Dyna-Gro	S46XS87	RRX,ST	4.6	R	61.4	17.7	0	130.7	\$559	24
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	61.3	16.7	0	130.7	\$559	25
FS HiSoy	HS 37X70	RRX	3.7	R	61.3	17.1	3	130.7	\$559	26
Asgrow	AG43X7 §	RRX,ST	4.3	R	61.0	17.3	6	124.9	\$556	27
Great Heart	GT-3926X	RRX	3.9	R	60.7	17.2	6	127.8	\$553	28
Asgrow	AG39X7 §	RRX,ST	3.9	R	60.5	17.4	1	124.9	\$551	29
LG Seeds	C4710RX	RRX,ST	4.7	R	60.5	17.5	6	130.7	\$551	30

Averages = 61.8 17.2 3 128.8 \$563

LSD (0.10) = 3.9 ns 4.7

LSD (0.25) = 2.1 0.4 2.5

C.V. = 6.0 Prev. years avg. yield, 54.9 bu/a, 15 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 an excellent seedling emergence. It was very growthy and tall. Plant heights ranged from 48-60". Pod sets were 4" above the soil surface. Seed size varied, but was of good quality. Some morningglory was present.

† 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: 10/14/2017 Revised:

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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.