

2017 Soybean Top 30 Harvest Report

Illinois South [ILSO] VANDALIA

Ronnie Sloan, Fayette County, IL 62557



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

PREV. CROP/HERB: Corn / simazine, Roundup PowerMax, Impact
 SOIL DESCRIPTION: Virden silt loam, mod. poor drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.0 pH, 1.6% OM, 8.7 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Roundup, Roundup
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 23 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 14 104,000 /A

All-Season Test
Maturity Group 3.7 - 4.7
 S2017ILSO22

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
Pioneer	P38A98X §	RRX	3.8	R	74.2	14.9	0	101.6	\$680	1
FS HiSoy	HS 38X70	RRX,ST	3.8	R	72.7	13.9	0	104.5	\$668	2
Pioneer	P40T84X §	RRX	4.0	R	69.4	15.2	0	104.5	\$635	3
Golden Harvest	GH4142X	RRX	4.1	R	68.5	14.8	1	110.4	\$628	4
FS HiSoy	HS 37X70	RRX	3.7	R	68.0	15.0	0	101.6	\$623	5
LG Seeds	C3985RX	RRX	3.9	R	67.9	14.6	5	113.3	\$623	6
FS HiSoy	HS 39X70	RRX	3.9	R	67.9	14.8	0	107.4	\$622	7
NK Brand	S43-V3X §	RRX	4.3	R	67.6	15.5	6	110.4	\$619	8
Pioneer	P36T36X §	RRX	3.6	R	67.1	14.9	0	92.9	\$615	9
Great Heart	GT-3926X	RRX	3.9	R	65.7	15.0	1	98.7	\$602	10
Golden Harvest	GH4307X	RRX	4.3	R	65.6	15.4	4	107.4	\$600	11
Great Heart	GT-4231XS	RRX,ST	4.2	R	65.5	15.4	0	101.6	\$599	12
Golden Harvest	GH3982X	RRX	3.9	R	64.4	14.5	0	110.4	\$591	13
LG Seeds	C4458RX	RRX,ST	4.4	R	64.1	15.2	0	116.2	\$587	14
Asgrow	AG46X6 §	RRX	4.6	R	63.8	14.8	1	107.4	\$585	15
FS HiSoy	HS 44X60	RRX,ST	4.4	R	63.6	15.4	0	107.4	\$582	16
FS HiSoy	HS 43X60	RRX,ST	4.3	R	62.6	14.7	6	104.5	\$574	17
Golden Harvest	GH4542X §	RRX	4.5	R	61.8	15.4	5	110.4	\$566	18
FS HiSoy	HS 42X50	RRX	4.2	R	61.5	15.0	0	104.5	\$563	19
Stone	2RX4438	RRX	4.4	R	61.5	15.3	4	107.4	\$563	20
NK Brand	S39-P5X §	RRX	3.9	R	61.2	14.6	0	104.5	\$561	21
Dyna-Gro	S46XS87	RRX,ST	4.6	R	61.2	16.0	0	110.4	\$559	22
Stone	2RX4327-SR	RRX,ST	4.3	R	60.8	15.2	6	101.6	\$557	23
LG Seeds	C4710RX	RRX,ST	4.7	R	60.3	15.2	8	110.4	\$552	24
Great Heart	GT-4430XS	RRX,ST	4.4	R	60.0	15.6	1	92.9	\$549	25
Stone	2RX4228-SR	RRX,ST	4.2	R	59.5	15.1	0	110.4	\$545	26
NK Brand	S45-K5X	RRX	4.5	R	59.4	15.3	11	110.4	\$544	27
Asgrow	AG39X7 §	RRX,ST	3.9	R	58.2	15.1	0	95.8	\$533	28
Asgrow	AG43X7 §	RRX,ST	4.3	R	58.2	15.8	1	104.5	\$532	29
FS HiSoy	HS 46X60	RRX,ST	4.6	R	57.5	15.9	2	95.8	\$526	30

Averages = **61.1** **15.1** **4** **104.0** **\$559**

LSD (0.10) = 5.3 0.9 7.5

LSD (0.25) = 2.8 0.5 3.9

C.V. = 8.3 Prev. years avg. yield, 49.3 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: Soybean plants were robust and rangy. Plant heights ranged from 30-60". Some varieties still had a few leaf petioles attached, green or otherwise. Many varieties displayed some degree of lodging. Waterhemp was slightly present. Seed size ranged from medium to large, but all seemed of good 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: 10/15/2017 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	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.