

2018 Soybean Top 30 Harvest Report

Illinois South [ILSO] FLORA

Bobby Briscoe, Clay County, IL 62839



Test by: F.I.R.S.T. MSR, Inc., Columbia, MO

PREV. CROP/HERB: Corn / SureStart
 SOIL DESCRIPTION: Cisne silt loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.3 pH, 2.6% OM, 11.2 CEC
 TILLAGE/CULTIVATION: Conventional w/o fall till
 PEST MANAGEMENT: Dual II Magnum, Roundup
 APPLIED N-P-K (units): 14-35-90
 SEEDED - RATE - ROW: May 25 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 23 129,100 /A

All-Season Test
Maturity Group 3.7 - 4.7
 S2018ILSO04

Top 30 of 45

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
NK Brand	S45-Z5XS	RRX,ST	4.5	R	73.9	10.0	2	137.5	\$591	1
LG Seeds	LGS3777RX	RRX	3.7	R	73.9	10.2	46	131.6	\$591	2
Golden Harvest	GH4240XS §	RRX,ST	4.2	R	71.1	10.2	5	131.6	\$569	3
Armor	46-D08	RRX,ST	4.6	R	69.5	10.0	37	125.8	\$556	4
Asgrow	AG46X6 §	RRX	4.6	R	69.2	10.1	7	133.6	\$554	5
Pioneer	P42A52X §	RRX	4.2	R	69.0	9.9	34	129.7	\$552	6
Great Heart	GT-3711XS	RRX,ST	3.7	R	68.4	9.8	24	125.8	\$547	7
FS HiSoy	HS 38X70	RRX,ST	3.8	R	67.3	10.1	45	141.3	\$538	8
Armor	42-D27	RRX,ST	4.2	R	67.2	10.0	10	122.0	\$538	9
LG Seeds	C4227RX	RRX,ST	4.2	R	67.2	10.2	22	145.2	\$538	10
NK Brand	S39-P5X	RRX	3.9	R	66.8	10.2	19	131.6	\$534	11
Great Heart	GT-3926X	RRX	3.9	R	66.8	10.3	23	118.1	\$534	12
Pioneer	P40A47X §	RRX	4.0	R	66.5	10.1	6	120.0	\$532	13
Great Heart	GT-4231XS	RRX,ST	4.2	R	66.3	10.2	37	135.5	\$530	14
Armor	44-D40	RRX,ST	4.4	R	66.2	10.2	11	133.6	\$530	15
AgriGold	G3830RX §	RRX	3.8	R	66.1	10.1	14	129.7	\$529	16
Golden Harvest	GH3982X §	RRX	3.9	R	65.9	10.2	50	133.6	\$527	17
Dyna-Gro	S43XS27	RRX,ST	4.3	R	65.6	9.8	6	129.7	\$525	18
Asgrow	AG39X7 §	RRX,ST	3.9	R	65.6	10.2	17	127.8	\$525	19
AgriGold	G4750RX GC	RRX,ST	4.7	R	65.5	10.4	7	118.1	\$524	20
LG Seeds	C3985RX	RRX	3.9	R	65.5	10.1	11	135.5	\$524	21
Asgrow	AG42X6 §	RRX	4.2	R	65.3	10.0	31	131.6	\$522	22
Pioneer	P38A98X §	RRX	3.8	R	65.2	10.5	38	123.9	\$522	23
Armor	39-D39	RRX	3.9	R	65.0	10.3	22	133.6	\$520	24
FS HiSoy	HS 45X80	RRX,ST	4.5	R	64.7	9.9	10	123.9	\$518	25
NK Brand	S42-B9XS	RRX,ST	4.2	R	64.2	10.1	6	131.6	\$514	26
Dyna-Gro	S41XS98	RRX,ST	4.1	R	64.1	10.3	30	137.5	\$513	27
Stone	2RX4438	RRX	4.4	R	63.8	10.0	5	127.8	\$510	28
FS HiSoy	HS 46X60	RRX,ST	4.6	R	63.4	10.5	7	125.8	\$507	29
Stone	2RX4228-SR	RRX,ST	4.2	R	63.4	9.9	10	123.9	\$507	30

Averages = **65.0** **10.1** **22** **129.1** **\$520**

LSD (0.10) = 4.0 ns 17.5

LSD (0.25) = 2.1 ns 9.2

C.V. = 5.8 Prev. years avg. yield, 48.8 bu/a, 3 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

TEST COMMENTS: *Bobby is a new host for our Flora dicamba tolerant soybean site. Above average rainfall during the growing season. Some evidence of disease was observed at harvest. Some lower stems were weak, with a few broken clean off. Broken plants were mature and had seed-filled pods. Seed quality did not appear to suffer. Bobby mentioned his field had similar lodging characteristics.*

† 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: 10/24/2018 Revised:

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All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgriGold	G3830RX §	RRX	3.8	R	ASfi,IL						
AgriGold	G4750RX GC	RRX,ST	4.7	R	ASfi,IL						
Armor	39-D39	RRX	3.9	R	DX						
Armor	42-D27	RRX,ST	4.2	R	DX						
Armor	44-D40	RRX,ST	4.4	R	DX						
Armor	46-D08	RRX,ST	4.6	R	DX						
Armor	X40D85 GC	RRX	4.0	R	DX						
Armor	X45D50 GC	RRX	4.5	R	DX						
Asgrow	AG39X7 §	RRX,ST	3.9	R	AC,PV						
Asgrow	AG41X8 §	RRX,ST	4.1	R	AC,PV						
Asgrow	AG42X6 §	RRX	4.2	R	AC,PV						
Asgrow	AG46X6 §	RRX	4.6	R	AC,PV						
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 43X60	RRX,ST	4.3	R	ACi,IL						
FS HiSoy	HS 45X80	RRX,ST	4.5	R	ACi,IL						
FS HiSoy	HS 46X60	RRX,ST	4.6	R	ACi,IL						
Golden Harvest	GH3761X	RRX	3.7	R	CCB,Me						
Golden Harvest	GH3982X §	RRX	3.9	R	CCB,Me						
Golden Harvest	GH4240XS §	RRX,ST	4.2	R	CCB,Me						
Golden Harvest	GH4307X	RRX	4.3	R	CCB,Me						
Golden Harvest	GH4542X	RRX	4.5	R	CCB,Me						
Great Heart	GT-3711XS	RRX,ST	3.7	R	Gr+						
Great Heart	GT-3926X	RRX	3.9	R	Gr+						
Great Heart	GT-4231XS	RRX,ST	4.2	R	Gr+						
LG Seeds	C3985RX	RRX	3.9	R	ASfi,IL						
LG Seeds	C4227RX	RRX,ST	4.2	R	ASfi,IL						
LG Seeds	LGS3777RX	RRX	3.7	R	ASfi,IL						
NK Brand	S35-K9X §	RRX	3.5	R	CCB,Me						
NK Brand	S39-P5X	RRX	3.9	R	CCB,Me						
NK Brand	S42-B9XS	RRX,ST	4.2	R	CCB,Me						
NK Brand	S43-V3X	RRX	4.3	R	CCB,Me						
NK Brand	S45-Z5XS	RRX,ST	4.5	R	CCB,Me						
Pioneer	P36T36X §	RRX	3.6	R	None						
Pioneer	P38A98X §	RRX	3.8	R	None						
Pioneer	P40A47X §	RRX	4.0	R	None						
Pioneer	P42A52X §	RRX	4.2	R	EE,G,IL,Lu						
Stone	2RX4228-SR	RRX,ST	4.2	R	AC,PV,IL						
Stone	2RX4438	RRX	4.4	R	AC,PV,IL						
Stone	2RX4629-SR	RRX,ST	4.6	R	AC,PV,IL						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
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 not provided	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
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

* Seed treatments may include unspecified plant health promoting components.