

2018 Soybean Top 30 Performance Summary for Illinois South [ ILSO ]



All-Season Test

Maturity Group 3.7 - 4.7

S2018ILSO

Top 30 of 45

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Belleville		Flora	
										\$/Acre	Rank	Effingham	Ramsey		
FS HiSoy	HS 41X70	RRX,ST	4.1	R	<b>70.2</b>	35.5	19.0	11.8	15	\$562	1	<b>76.2</b>	<b>66.5</b>	62.2	<b>75.7</b>
Armor	42-D27	RRX,ST	4.2	R	<b>69.2</b>	35.2	<b>19.2</b>	12.0	12	\$554	2	<b>71.0</b>	<b>65.1</b>	67.2	<b>73.4</b>
LG Seeds	LGS3777RX	RRX	3.7	R	<b>68.8</b>	<b>36.2</b>	18.7	11.6	22	\$550	3	<b>71.1</b>	59.1	<b>73.9</b>	71.0
Pioneer	P40A47X §	RRX	4.0	R	68.4	<b>36.1</b>	18.6	11.8	6	\$547	4	68.3	63.4	66.5	<b>75.4</b>
Asgrow	AG39X7 §	RRX,ST	3.9	R	68.2	34.9	18.8	11.5	13	\$546	5	<b>70.9</b>	<b>66.0</b>	65.6	70.2
Great Heart	GT-4231XS	RRX,ST	4.2	R	67.9	35.6	19.0	11.7	17	\$543	6	<b>72.0</b>	63.7	66.3	69.6
Stone	2RX4228-SR	RRX,ST	4.2	R	67.7	35.6	18.0	11.8	5	\$542	7	<b>70.7</b>	<b>65.3</b>	63.4	71.5
LG Seeds	C4227RX	RRX,ST	4.2	R	67.6	35.3	<b>19.1</b>	12.0	15	\$541	8	<b>70.2</b>	60.7	67.2	72.3
Golden Harvest	GH3982X §	RRX	3.9	R	67.6	34.8	<b>19.8</b>	11.8	20	\$541	9	67.2	<b>67.2</b>	65.9	70.0
FS HiSoy	HS 39X70	RRX	3.9	R	67.4	35.9	18.5	11.7	8	\$539	10	<b>75.9</b>	62.6	62.8	68.3
NK Brand	S43-V3X	RRX	4.3	R	67.3	34.3	<b>19.5</b>	12.2	19	\$538	11	<b>72.3</b>	<b>67.2</b>	60.7	69.0
FS HiSoy	HS 38X70	RRX,ST	3.8	R	67.2	<b>36.4</b>	18.5	11.6	24	\$538	12	68.8	57.5	67.3	<b>75.1</b>
Golden Harvest	GH4240XS §	RRX,ST	4.2	R	67.1	35.2	19.0	12.0	3	\$537	13	63.0	<b>64.7</b>	<b>71.1</b>	69.7
Stone	2RX4438	RRX	4.4	R	67.0	35.7	19.0	11.9	6	\$536	14	67.4	<b>66.0</b>	63.8	70.6
Great Heart	GT-3711XS	RRX,ST	3.7	R	67.0	<b>36.0</b>	18.7	11.6	17	\$536	15	69.3	57.5	68.4	<b>72.9</b>
NK Brand	S35-K9X §	RRX	3.5	R	66.6	34.5	<b>19.5</b>	11.6	29	\$533	16	<b>78.4</b>	60.8	60.4	66.9
Golden Harvest	GH4307X	RRX	4.3	R	66.4	34.3	<b>19.5</b>	12.0	21	\$531	17	<b>71.8</b>	<b>64.5</b>	61.1	68.0
Armor	39-D39	RRX	3.9	R	66.2	35.9	18.2	11.9	13	\$530	18	<b>72.4</b>	59.5	65.0	68.0
AgriGold	G3830RX §	RRX	3.8	R	66.1	35.6	18.8	11.8	14	\$529	19	67.7	61.4	66.1	69.2
NK Brand	S42-B9XS	RRX,ST	4.2	R	65.9	34.9	<b>19.1</b>	12.0	4	\$527	20	63.9	<b>64.7</b>	64.2	70.9
Great Heart	GT-3926X	RRX	3.9	R	65.9	35.9	18.3	11.7	11	\$527	21	66.7	61.0	66.8	69.2
NK Brand	S45-Z5XS	RRX,ST	4.5	R	65.7	<b>36.0</b>	18.7	11.9	4	\$526	22	60.5	58.7	<b>73.9</b>	69.7
Dyna-Gro	S43XS27	RRX,ST	4.3	R	65.7	35.8	18.3	12.0	7	\$526	23	69.1	<b>65.5</b>	65.6	62.4
LG Seeds	C3985RX	RRX	3.9	R	65.6	35.9	18.3	11.8	9	\$525	24	66.9	59.0	65.5	70.8
Dyna-Gro	S41XS98	RRX,ST	4.1	R	65.6	35.6	19.0	12.3	15	\$525	25	69.7	61.3	64.1	67.1
Armor	44-D40	RRX,ST	4.4	R	64.0	35.7	18.3	12.1	10	\$512	26	65.5	57.5	66.2	66.7
FS HiSoy	HS 37X70	RRX	3.7	R	64.0	<b>36.2</b>	18.2	11.9	13	\$512	27	66.9	54.8	63.3	71.0
Pioneer	P42A52X §	RRX	4.2	R	63.9	34.7	19.0	11.9	20	\$511	28	64.3	55.7	<b>69.0</b>	66.7
FS HiSoy	HS 43X60	RRX,ST	4.3	R	63.5	35.9	18.2	11.8	14	\$508	29	64.4	63.4	61.3	65.0
FS HiSoy	HS 46X60	RRX,ST	4.6	R	63.2	<b>36.0</b>	18.3	12.1	7	\$506	30	60.4	61.5	63.4	67.5

 William Schelp william.schelp@firstseedtests.com, (573) 819-7968	Averages =	<b>64.7</b>	<b>35.6</b>	<b>18.8</b>	<b>11.9</b>	<b>13</b>	<b>\$518</b>	<b>65.6</b>	<b>59.7</b>	<b>65.0</b>	<b>68.6</b>
	LSD (0.10) =	3.8	0.4	0.3	0.3	7		4.6	4.5	4.0	3.9
	LSD (0.25) =	2.0	0.2	0.1	0.2	4		2.4	2.4	2.1	2.1

Previous years average yield for region, 50.2 bu/a, 17 yrs

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

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com). ©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 10/24/2018 Revised: 12/6/2018 Protein and oil results added

**2018 Soybean - Illinois South [ ILSO ]**



**All-Season Test Products (45 Total)**

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	LG3777RX	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

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
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	EE	Evergol™ Energy	PG+	Profit Guard +™
A2020	Alert 2020™	EL	Elevate™ F+I	PS	MAS Pro-Shield
AC	Acceleron® fungicide products	EL+	Elevate™ Plus	PV	Poncho®/Votivo®
ACi	Acceleron® fungicide and insecticide products	En	Encase®	R	Redigo™
AM	ApronMaxx®	EQV	Equity® VIP	Ret	Revize® SB+T
ASfi	AgriShield® F+I	Es	Escalate™	Ri	Rizolex™
AVB	Avicta® Complete Beans	F	fungicide	SF	Stine XP F
AVBV	Avicta® Complete Beans with Vibrance	G	Gaucho®	SFI	Stine XP fungicide & insecticide
BB	Buckeye Boost ST	Gr+	Great Start™ Max Plus	SS	Soyshield™
CCB	Clariva™ Complete Beans	I	insecticide	SS+	Soyshield Plus™
Cl	Clariva™ pn	IL	ILeVO®	TE	Trius Elite™
CMB	CruiserMaxx® Beans	In	Intego™ Solo	TT	Turbo Treat™
CMBV	CruiserMaxx® Beans with Vibrance	IS	Intego™ Suite	W	Warden® CX
DPHB	DPH Boost®	Lu	Lumisena™	Wr	Warden® RTA
DST	Dominance™ ST	Me	Mertect®	YPP	YP Pro™
DX	Defend™ Extra	None	untreated		
EcTC	Eclipse™ US Total coverage	Pd	proTect D™		

---

\* Seed treatments may include unspecified plant health promoting components.