

2016 Soybean Top 30 Performance Summary for Illinois South [ILSO]



All-Season Test

Maturity Group 3.8 - 4.7

S2016ILSO

Top 30 of 54
For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Belleville	Du Quoin	Greenville	Vandalia
Dyna-Gro	S43XS27	RRX,ST	4.3	R	ACi	63.1	34.0	19.2	13.6	11	\$613	65.7	56.4		67.1
Stone	2RX4327-SR	RRX,ST	4.3	R	ACi	62.0	34.0	19.2	13.7	10	\$602	68.2	51.1		66.8
FS HiSoy	HS 43X60	RRX	4.3	R	ACi	61.7	34.0	19.2	13.5	5	\$600	65.1	51.9		68.1
FS HiSoy	HS 46X60	RRX	4.6	R	ACi	60.8	34.2	19.5	13.6	1	\$591	66.0	50.6		65.8
Pfister	39R201	RR2Y	3.9	R	CCB	60.8	36.0	19.9	14.0	1	\$590	66.3	51.1		64.9
Steyer	4704XR	RRX	4.7	MR	SStd	60.6	33.8	19.5	13.8	1	\$589	67.8	50.2		63.9
NK Brand	S45-R7 §	RR2Y,ST	4.5	R	CCB,Me	60.0	35.0	20.2	13.6	5	\$583	63.6	54.2		62.3
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	59.9	33.8	20.7	14.3	7	\$581	62.4	51.5		65.7
FS HiSoy	HS 44X60	RRX	4.4	R	ACi,CI	59.4	34.4	19.4	14.0	9	\$577	60.7	53.7		63.7
Steyer	4403XR	RRX	4.4	MR	SStd	58.5	34.6	19.5	14.1	7	\$568	63.7	51.1		60.8
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	58.5	33.5	21.3	13.8	22	\$568	62.8	46.2		66.5
Pfister	45R23	RR2Y	4.5	R	CCB	58.4	33.4	19.8	13.7	13	\$567	60.0	50.5		64.7
Steyer	3805R2	RR2Y	3.8	MR	SStd	58.1	36.1	19.7	13.7	4	\$564	61.3	48.1		64.8
Seed Consultants	SCS 9474RR^	RR	4.7	MR	EE,G	58.1	34.0	20.1	13.7	20	\$564	62.7	50.8		60.8
Great Heart	GT-4220X	RRX	4.2	R	Gr+	57.7	33.8	20.1	14.1	6	\$560	59.8	49.2		64.1
Dairyland	DSR-4225/R2Y	RR2Y,ST	4.2	MR	CMB	57.6	35.1	19.9	13.8	2	\$560	60.4	48.5		64.0
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	57.6	34.1	20.4	14.0	5	\$559	56.5	49.1		67.3
Seed Consultants	SCS 9385RR^	RR	3.8	MR	EE,G	57.5	33.7	21.0	13.5	18	\$559	56.1	51.4		65.0
Armor	43-D34	RRX	4.2	R	DX	57.2	34.0	20.0	14.5	5	\$555	60.0	46.4		65.2
Pfister	48RS01	RR2Y,ST	4.8	R	CCB	57.0	34.5	18.7	13.8	5	\$554	60.1	48.2		62.8
LG Seeds	C4322R2	RR2Y	4.3	R	CCB	56.9	34.1	20.6	13.5	20	\$553	60.4	48.8		61.5
Steyer	4402R2	RR2Y	4.4	MR	SStd	56.8	34.9	19.9	13.8	2	\$552	64.0	45.3		61.2
FS HiSoy	HS 42X50	RRX	4.2	R	ACi,CI	56.6	33.8	20.1	14.2	4	\$549	58.5	47.4		63.8
Dyna-Gro	S42RY77	RR2Y	4.2	R	CCB	56.3	34.4	20.3	13.5	15	\$547	56.3	50.7		61.8
Steyer	3806XR	RRX	3.8	MR	SStd	56.0	35.5	20.2	13.8	4	\$544	56.6	49.8		61.7
Stine	43RE02 §	RR2Y	4.3	R	SFI	55.9	34.3	20.1	13.6	10	\$543	57.8	46.2		63.8
Dairyland	DSR-4011/R2Y	RR2Y,ST	4.0	R	CMB	55.6	35.3	20.0	13.5	16	\$540	54.4	46.1		66.3
Armor	47-D17	RRX,ST	4.7	R	DX	55.5	33.7	19.8	13.8	29	\$539	55.4	52.7		58.3
Asgrow	AG40X6 §	RRX	4.0	R	ACi	55.3	35.8	20.3	14.2	10	\$537	55.6	49.3		61.0
Asgrow	AG42X6 §	RRX	4.2	R	ACi	55.1	34.5	19.4	13.8	16	\$535	54.8	46.3		64.2

Test lost to incomplete weed control

Averages =	55.8	34.3	20.2	13.8	11	\$542	57.1	48.1	62.3
LSD (0.10) =	4.3	0.8	0.4	0.5	10		4.7	3.1	3.8
LSD (0.25) =	3.0	0.5	0.3	0.3	7		3.3	2.2	2.6

Previous years average yield for region, 49.3 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.73 GMO; \$9.73 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.

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Report Date: 11/16/2016 Revised: 11/28/2016 Protein and oil content results added

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. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® 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

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	DST	Dominance™ ST	Mg	Magnum ST™ (standard)
AC	Acceleron® fungicide products	DX	Defend™ Extra	NCFI	N-Compass™ Plus F/I
ACi	Acceleron® fungicide and insecticide products	EE	Evergol™ Energy	None	untreated
AG	ArmourGuard™	En	Encase®	PV	Poncho®/Votivo®
AM	ApronMaxx®	G	Gaucho®	SDPI	Servo™ DPI
AVB	Avicta® Complete Beans	Gr+	Great Start™ Max Plus	SFI	Stine XP fungicide & insecticide
CCB	Clariva™ Complete Beans	IL	ILeVO®	SS	Soyshield™
CI	Clariva™ pn	In	Intego™ Solo	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	IS	Intego™ Suite	SStd	SureStand™
CMBV	CruiserMaxx® Beans with Vibrance	MAG	Maximum ArmourGuard™	TE	Trius™ Elite
DPHB	DPH Boost®	Me	Mertect®	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.