

2023 Soybeans Top 30 Region Summary for Illinois South [ILSO]

All-Season Test
Maturity Group 3.5 - 4.5
S2023ILSO

Top 30 of 70
For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Belleville	Effingham	Flora	Nashville
GOLDEN HARVEST	GH4093E3 ↗	E3	4.0	R	66.6	34.3	20.5	12.0	1	833	1	72.4	64.0	80.8	49.3
NK BRAND	NK44-Q5E3S ↗	E3,ST	4.4	R	65.7	34.3	19.1	12.1	4	821	2	71.6	66.2	74.6	50.4
GOLDEN HARVEST	GH4433E3S ↗	E3,ST	4.4	MR	65.2	34.4	19.5	12.2	3	815	3	75.7	67.7	64.3	53.0
PIONEER	P46A09E GC ↗	E3	4.6	NA	65.1	33.6	20.2	12.2	1	813	4	66.1	71.2	71.8	51.1
AGRIGOLD	G3804XF ↗	RXF,ST	3.8	R	65.0	34.6	19.7	12.5	23	812	5	64.9	59.3	75.7	60.0
NK BRAND	NK42-A6E3S ↗	E3,ST	4.2	MR	64.7	33.1	20.6	12.4	1	809	6	74.5	63.3	70.1	50.9
NK BRAND	NK39-J2E3 § ↗	E3	3.9	MR	64.7	33.9	20.1	12.3	1	808	7	68.9	64.7	74.5	50.6
NUTECH	42N05E ↗	E3	4.2	R	64.6	33.5	20.0	12.1	1	808	8	67.0	63.6	74.1	53.7
AGRIGOLD	G4430XF ↗	RXF,ST	4.4	R	64.2	33.1	20.0	12.3	1	803	9	63.8	70.5	75.2	47.5
GOLDEN HARVEST	GH4214E3S ↗	E3,ST	4.2	MR	63.9	33.1	20.9	12.2	1	798	10	70.7	60.7	63.7	60.3
STINE	38EG32 § ↗	E3	3.8	R	63.2	33.1	21.0	12.0	1	790	11	67.9	64.7	69.3	50.8
GOLDEN HARVEST	GH4222XF ↗	RXF	4.2	R	63.1	32.5	20.2	12.2	1	789	12	58.5	63.8	73.3	56.9
PIONEER	P42A84E § ↗	E3	4.2	R	62.8	33.2	19.8	12.5	1	785	13	62.4	66.5	75.1	47.3
STINE	40FD29 § ↗	RXF	4.0	R	62.8	33.7	19.6	12.2	2	785	14	68.4	58.2	64.5	60.2
AGVENTURE	AV 45Y8E ↗	E3	4.5	MR	62.6	32.7	19.9	12.3	1	782	15	64.3	58.8	73.6	53.5
STONE	2XF3954-SR ↗	RXF,ST	3.9	R	62.5	34.0	20.2	12.2	2	781	16	58.8	62.3	74.2	54.6
ASGROW	AG39XF3 § ↗	RXF	3.9	R	62.4	33.6	19.6	12.2	2	780	17	66.9	67.5	65.1	50.0
STONE	2XF4533-SR ↗	RXF,ST	4.5	R	62.3	34.4	19.8	12.5	3	779	18	68.2	64.3	67.4	49.3
DYNA-GRO	S45ES10 ↗	E3,ST	4.5	R	62.2	33.4	19.3	12.2	2	778	19	62.0	59.6	72.5	54.7
AGRIGOLD	G4393E3 ↗	E3,ST	4.3	R	61.9	32.3	20.3	12.2	1	774	20	68.3	62.6	69.3	47.6
CHANNEL	4023RXF/SR GC ↗	RXF,ST	4.0	MR	61.9	33.5	19.2	12.2	4	774	21	63.0	60.8	73.2	50.5
BURRUS	3966E ↗	E3	3.9	R	61.6	33.7	20.7	12.2	1	771	22	60.9	68.1	66.7	50.9
AGVENTURE	AV 38A1E ↗	E3	3.8	MR	61.6	33.5	20.6	12.0	1	770	23	64.5	66.5	65.1	50.4
XITAVO	XO 3803E ↗	E3,ST	3.8	MR	61.1	33.1	20.6	12.4	3	763	24	64.6	60.1	68.8	50.8
XITAVO	XO 3922E ↗	E3	3.9	R	61.0	33.5	20.6	12.1	1	763	25	60.8	70.3	61.9	51.0
XITAVO	XO 4522E ↗	E3	4.5	R	60.9	33.6	19.6	12.3	2	762	26	63.7	66.5	60.4	53.2
STINE	37FD02 § ↗	RXF	3.7	R	60.9	34.6	20.4	12.2	2	762	27	62.6	60.9	69.4	50.8
ASGROW	AG43XF2 GC ↗	RXF	4.3	NA	60.7	33.6	20.4	12.4	1	760	28	61.1	60.4	70.8	50.7
CHANNEL	3823RXF GC ↗	RXF	3.8	MR	60.7	33.2	19.4	12.4	2	759	29	66.3	60.8	63.3	52.4
FS HISOY	HS 40E30 ↗	E3	4.0	R	60.6	33.9	19.8	12.0	3	759	30	60.1	66.2	66.2	50.2

Klint Tucker

Averages =	60.0	33.4	20.2	12.2	3	750	63.1	61.5	66.6	48.9
LSD (0.10) =	4.1	0.5	0.3	0.2	7		6.6	6.1	7.9	6.3
LSD (0.25) =	2.1	0.3	0.2	0.1	3		3.5	3.2	4.1	3.3

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$12.50

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location.

Additional reports available at www.firstseedtests.com

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Report Date: 10/21/2023 Revised: 12/13/2023 Protein and oil content results added.

2023 Soybeans - Illinois South [ILSO]

All-Season Test Products (70 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G3552XF	RXF,ST	R	3.5	ASfi,IL
AgriGold	G3804XF	RXF,ST	R	3.8	ASfi,SA
AgriGold	G4051E3	E3	R	4.0	ASfi,SA
AgriGold	G4393E3	E3,ST	R	4.3	ASfi,SA
AgriGold	G4430XF	RXF,ST	R	4.4	ASfi,SA
AgVenture	AV 38A1E	E3	MR	3.8	Lum,Lu,Lud,IL
AgVenture	AV 39Y3E	E3	MR	3.9	F,I,SA
AgVenture	AV 41Y5E	E3	MR	4.1	F,I,SA
AgVenture	AV 42A1E	E3	MR	4.2	Lum,Lu,Lud,IL
AgVenture	AV 45Y8E	E3	MR	4.5	Lum,Lu,IL
Asgrow	AG39XF3 GC	RXF	R	3.9	Untreated
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Asgrow	AG40XF4 §	RXF	R	4.0	ACi,IL
Asgrow	AG42XF1 GC	RXF	R	4.2	Untreated
Asgrow	AG43XF2 GC	RXF	NA	4.3	Untreated
Asgrow	AG45XF3 GC	RXF,ST	R	4.5	Untreated
Burrus	3886F	RXF	R	3.8	BPS-SDS
Burrus	3966E	E3	R	3.9	BPS-SDS
Channel	3823RXF GC	RXF	MR	3.8	ACi,IL
Channel	4023RXF/SR GC	RXF,ST	MR	4.0	ACi,IL
DONMARIO	DM36F84S	RXF,ST	R	3.6	CMB-APX,SA
DONMARIO	DM40E44	E3	R	4.0	CMB-APX,SA
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
Dyna-Gro	S42XF93S	RXF,ST	MR	4.2	EQV,Sa,Va
Dyna-Gro	S45ES10	E3,ST	R	4.5	EQV,Sa,Va
FS HiSOY	HS 35F20	RXF	R	3.5	ACi,SA
FS HiSOY	HS 37E10	E3,ST	R	3.7	ACi,SA
FS HiSOY	HS 38F20	RXF	R	3.8	ACi,SA
FS HiSOY	HS 39F30	RXF	R	3.9	ACi,SA
FS HiSOY	HS 40E30	E3	R	4.0	ACi,SA
FS HiSOY	HS 41E20	E3	R	4.1	ACi,SA
FS HiSOY	HS 43E30	E3,ST	R	4.3	ACi,SA
FS HiSOY	HS 45E00	E3	R	4.5	ACi,SA
Golden Harvest	GH3994E3 §	E3	MR	3.9	CMB-APX,SA
Golden Harvest	GH4093E3	E3	R	4.0	CMB-APX,SA
Golden Harvest	GH4214E3S	E3,ST	MR	4.2	CMB-APX,SA
Golden Harvest	GH4222XF	RXF	R	4.2	CMB-APX,SA
Golden Harvest	GH4433E3S	E3,ST	MR	4.4	CMB-APX,SA
Great Heart	GT-3665E	E3	R	3.6	Gr+
Great Heart	GT-3894ES	E3,ST	R	3.8	Gr+
Great Heart	GT-4005ES	E3,ST	R	4.0	Gr+

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Great Heart	GT-4320ES	E3,ST	R	4.3	Gr+
NK Brand	NK37-C1E3 §	E3	R	3.7	CMB-APX,SA
NK Brand	NK39-J2E3 §	E3	MR	3.9	CMB-APX,SA
NK Brand	NK42-A6E3S	E3,ST	MR	4.2	CMB-APX,SA
NK Brand	NK44-Q5E3S	E3,ST	R	4.4	CMB-APX,SA
NuTech	36N04E	E3	R	3.6	Lum,Lu,IL
NuTech	37N03E	E3	R	3.7	Lum,Lu,IL
NuTech	39N07E	E3	R	3.9	Lum,Lu,IL
NuTech	42N05E	E3	R	4.2	Lum,Lu,IL
NuTech	45N09E	E3	R	4.5	Lum,Lu,IL
Pioneer	P37A18E §	E3	MR	3.7	Lum, LumT, IL
Pioneer	P38A28E GC	E3	MR	3.8	Untreated
Pioneer	P38A54E §	E3	NA	3.8	Lum, LumT, IL
Pioneer	P42A84E §	E3	R	4.2	Lum, LumT, IL
Pioneer	P44A91E GC	E3	NA	4.4	Lum, LumT, IL
Pioneer	P46A09E GC	E3	NA	4.6	Lum, LumT, IL
Stine	37FD02 §	RXF	R	3.7	ACi
Stine	38EG32 §	E3	R	3.8	ACi
Stine	40FD29 §	RXF	R	4.0	ACi
Stone	2XF3954-SR	RXF,ST	R	3.9	ACi,IL
Stone	2XF4533-SR	RXF,ST	R	4.5	ACi,IL
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB,Rey
Xitavo	XO 4084E	E3,ST	R	4.0	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4364E	E3,ST	R	4.3	PV,IL,OB,Rey
Xitavo	XO 4522E	E3	R	4.5	PV,IL,OB,Rey

Footnotes and Abbreviations Descriptions

Brand Footnotes

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 Cyst Nematode (SCN) Resistance Rating

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

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ASfi,IL	AgriShield F+I, ILeVO, inoculant
ASfi,SA	AgriShield Max with Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis®
F,I,SA	Fungicide, Insecticide, Saltro®
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum,Lu,Lud,IL	LumiGEN™, Luminesa, Lumiderm, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.