

# 2024 Soybeans Top 30 Region Summary for Illinois South [ILSO]

**All-Season Test**  
**Maturity Group 3.5 - 4.5**  
S2024ILSO

**Top 30 of 59**

For Gross Income (Sorted by Yield), (11) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	SCN	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Belleville	Effingham	Flora *	Nashville
FS HISOY	HS 44F30 ↗	RXF,ST	4.4	M	<b>73.3</b>	9.2	5	724	1	<b>67.5</b>	<b>74.3</b>	<b>70.8</b>	80.6
APEX	AE3950S ↗	E3,ST	3.9	M	<b>72.9</b>	9.5	1	720	2	<b>65.0</b>	73.2	<b>72.3</b>	81.0
AGVENTURE	AV44B2E ↗	E3	4.4	M	<b>71.0</b>	10.2	7	701	3	63.3	63.9	<b>75.4</b>	81.3
AGVENTURE	AV38A1E ↗	E3	3.8	M	<b>70.7</b>	9.5	4	699	4	62.2	71.0	<b>70.5</b>	79.1
AGVENTURE	AV43B2BE ↗	E3,ST	4.3	M	70.0	9.4	3	692	5	54.1	72.4	<b>76.0</b>	77.6
PIONEER	P42A84E § ↗	E3	4.2	R	69.8	9.4	13	690	6	58.6	66.0	<b>75.6</b>	79.0
APEX	AE4150S ↗	E3,ST	4.1	M	69.8	9.5	1	689	7	57.2	<b>74.4</b>	68.8	78.6
NUTECH	43N06E ↗	E3	4.3	M	69.6	9.6	7	688	8	53.7	70.6	<b>72.9</b>	81.4
APEX	AE3850 ↗	E3	3.8	M	69.5	10.0	1	687	9	59.1	70.2	66.3	<b>82.5</b>
DYNA-GRO	S41XF65 ↗	RXF	4.1	M	69.4	9.7	4	686	10	60.2	71.7	68.2	77.5
NUTECH	42N05E ↗	E3	4.2	M	69.1	9.5	2	683	11	58.9	70.6	61.8	<b>85.2</b>
AGVENTURE	AV42A1E ↗	E3	4.2	M	68.5	10.3	9	677	12	62.4	66.2	<b>70.5</b>	74.9
GOLDEN HARVEST	GH3655E3S ↗	E3,ST	3.6	M	68.5	10.3	6	677	13	61.1	67.4	69.1	76.5
FORTUS	4125ES ↗	E3,ST	4.1	M	68.5	9.9	1	676	14	58.2	<b>73.8</b>	68.3	73.5
FS HISOY	HS 38F20 ↗	RXF	3.8	M	68.4	9.9	1	676	15	62.7	<b>74.9</b>	60.8	75.4
BURRUS	3767E ↗	E3	3.7	M	68.4	10.0	6	676	17	57.8	71.4	69.6	75.0
NUTECH	39N08E ↗	E3	3.9	PK	68.4	10.6	2	676	16	48.7	<b>77.0</b>	62.0	<b>86.0</b>
FS HISOY	HS 36F40 ↗	RXF	3.6	M	68.3	11.0	1	675	18	61.5	67.9	61.0	<b>82.7</b>
PIONEER	P44A91E § ↗	E3	4.4	MR	68.2	10.0	1	674	20	56.5	70.9	62.9	<b>82.5</b>
FS HISOY	HS 40E30 ↗	E3	4.0	M	68.2	9.8	4	674	19	55.4	68.4	66.0	<b>83.0</b>
NUTECH	36N06E ↗	E3	3.6	M	68.0	9.8	1	672	21	48.8	<b>79.9</b>	67.1	76.2
DYNA-GRO	S38EN75 ↗	E3	3.8	M	67.6	10.0	1	668	22	59.1	72.5	59.5	79.3
FS HISOY	HS 37E40 ↗	E3	3.7	M	67.4	10.1	1	666	23	57.1	<b>73.4</b>	57.5	81.7
GOLDEN HARVEST	GH3774E3 § ↗	E3	3.7	M	67.4	11.5	3	666	24	55.7	<b>74.2</b>	60.1	79.7
NUTECH	37N03E ↗	E3	3.7	M	67.3	9.0	3	665	25	56.0	67.9	67.3	78.1
GOLDEN HARVEST	GH4093E3 § ↗	E3	4.0	M	67.2	9.8	1	665	26	58.0	66.0	68.0	77.0
DONMARIO	DM38E54 ↗	E3	3.8	M	66.9	10.9	10	661	27	<b>64.9</b>	69.9	54.7	78.1
AGVENTURE	AV39B2E ↗	E3	3.9	PK	66.9	10.0	5	661	28	55.9	71.1	55.5	<b>85.0</b>
XITAVO	XO 4255E ↗	E3,ST	4.2	M	66.8	9.7	4	660	29	54.8	70.2	64.7	77.4
GOLDEN HARVEST	GH4433E3S § ↗	E3,ST	4.4	M	66.8	10.4	10	660	30	<b>67.3</b>	61.6	63.1	75.2

*Klint Tucker*

<b>Averages =</b>	<b>66.5</b>	<b>10.2</b>	<b>5</b>	<b>657</b>	<b>58.2</b>	<b>68.2</b>	<b>62.4</b>	<b>77.0</b>
LSD (0.10) =	4.2	0.7	8		5.6	5.1	7.5	5.0
LSD (0.25) =	2.2	0.4	4		3.0	2.7	3.9	2.6

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Prev. years average yield for region: 52.69 bu/a, 24 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$9.88

† 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](http://www.firstseedtests.com). \* 2 reps for the site.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2024 Soybeans - Illinois South [ ILSO ]

### All-Season Test Products (59 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV38A1E	E3	M	3.8	Lum, LumT, IL
AgVenture	AV39B2E	E3	PK	3.9	Lum, LumT, IL
AgVenture	AV41Y5E	E3	M	4.1	Lum, LumT, IL
AgVenture	AV42A1E	E3	M	4.2	Lum, LumT, IL
AgVenture	AV43B2BE	E3,ST	M	4.3	Lum, LumT, IL
AgVenture	AV44B2E	E3	M	4.4	Lum, LumT, IL
Apex	AE3850	E3	M	3.8	PU
Apex	AE3950S	E3,ST	M	3.9	PU
Apex	AE4150S	E3,ST	M	4.1	PU
Asgrow	AG36XF4 §	RXF	R	3.6	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Asgrow	AG44XF4 §	RXF,ST	R	4.4	ACi,IL
Burrus	3647F	RXF	M	3.6	BPS-SDS
Burrus	3767E	E3	M	3.7	BPS-SDS
Burrus	4134E	E3,ST	M	4.1	BPS-SDS
Burrus	4365E	E3,ST	M	4.3	BPS-SDS
DONMARIO	DM36E94	E3	M	3.6	F,I,B
DONMARIO	DM36F84S	RXF,ST	M	3.6	F,I,B
DONMARIO	DM38E54	E3	M	3.8	F,I,B
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
Dyna-Gro	S41XF65	RXF	M	4.1	PLTM
Fortus	3665E	E3	M	3.6	AC, SU
Fortus	3815E	E3	M	3.8	AC, SU
Fortus	4125ES	E3,ST	M	4.1	AC, SU
Fortus	4335E	E3	M	4.3	AC, SU
FS HiSOY	HS 36F40	RXF	M	3.6	ACi,SA
FS HiSOY	HS 37E40	E3	M	3.7	ACi,SA
FS HiSOY	HS 38E20	E3,ST	M	3.8	F,I,NE
FS HiSOY	HS 38F20	RXF	M	3.8	F,I,NE
FS HiSOY	HS 40E30	E3	M	4.0	F,I,NE
FS HiSOY	HS 43E30	E3,ST	M	4.3	F,I,NE
FS HiSOY	HS 44E40	E3	M	4.4	F,I,NE
FS HiSOY	HS 44F30	RXF,ST	M	4.4	F,I,NE
Golden Harvest	GH3655E3S	E3,ST	M	3.6	CMB-APX,SA
Golden Harvest	GH3774E3 §	E3	M	3.7	CMB-APX,SA
Golden Harvest	GH4093E3 §	E3	M	4.0	CMB-APX,SA
Golden Harvest	GH4214E3S	E3,ST	M	4.2	CMB-APX,SA
Golden Harvest	GH4433E3S §	E3,ST	M	4.4	CMB-APX,SA
Great Heart	GT-3770E	E3	R	3.7	Gr+
Great Heart	GT-3972E	E3	R	3.9	Gr+
Great Heart	GT-4460XF	RXF	R	4.4	Gr+
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
NuTech	37N03E	E3	M	3.7	Lum, LumT, IL
NuTech	38N05E	E3	M	3.8	Lum, LumT, IL
NuTech	39N08E	E3	PK	3.9	Lum, LumT, IL
NuTech	42N05E	E3	M	4.2	Lum, LumT, IL
NuTech	43N06E	E3	M	4.3	Lum, LumT, IL
NuTech	45N10E	E3	M	4.5	Lum, LumT, IL
Pioneer	P37A18E §	E3	MR	3.7	Lum,Lu
Pioneer	P42A84E §	E3	R	4.2	Lum, LumT, IL
Pioneer	P44A91E §	E3	MR	4.4	Lum, LumT, IL
Stine	35EG92 §	E3	M	3.5	TFX1,SA
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Stine	42EG23 §	E3	M	4.2	TFX1,SA
Xitavo	XO 3655E	E3,ST	M	3.6	PV,IL,OB,Rey
Xitavo	XO 3705E	E3	M	3.7	PV,IL,OB,Rey
Xitavo	XO 3855E	E3,ST	M	3.8	PV,IL,OB,Rey
Xitavo	XO 4255E	E3,ST	M	4.2	PV,IL,OB,Rey

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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 Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

### Soybeans Technologies

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
AC, SU	Acceleron standard+ StepUp
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,SA	CruiserMaxx® APX with Saltro®
F,I,B	Fungicide, Insecticide, Biological
F,I,NE	Fungicide, Insecticide, Nematicide
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,Lu	LumiGEN™, Lumisena™
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PLTM	DynaGro PLTM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro

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