

2025 Soybeans Top 30 Region Summary for Illinois South [ILSO]

All-Season Test

Maturity Group 3.5 - 4.8

S2025ILSO

Top 30 of 60

For Gross Income (Sorted by Yield), (6) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Belleville	Effingham	Flora REJECTED	Nashville REJECTED
FS HISOY	HS 48F40 ↗	RXF	4.8	M	70.1	16.4	1	691	1	59.4	80.8	43.0	47.8
ASGROW	AG48XF3 GC ↗	RXF	4.8	R	67.3	15.4	0	662	2	63.9	70.6	45.0	34.1
FS HISOY	HS 42F50 ↗	RXF	4.2	M	63.3	12.5	1	623	3	61.4	65.1	45.4	36.2
FS HISOY	HS 44F30 ↗	RXF,ST	4.4	M	62.7	12.4	0	617	4	64.7	60.6	48.8	33.0
APEX	AE3550S ↗	E3,ST	3.5	M	62.5	12.1	0	616	5	61.4	63.6	48.1	37.1
PIONEER	P40Z57E GC ↗	E3	4.0	R	62.5	11.9	0	616	6	63.4	61.6	45.6	32.2
BURRUS	4125F ↗	RXF	4.1	M	61.9	12.7	0	610	7	67.4	56.4	42.2	38.3
XITAVO	XO 3555E ↗	E3	3.5	M	61.8	12.4	0	609	8	64.2	59.4	42.8	34.4
AGVENTURE	AV48B2E ↗	E3	4.8	M	61.3	13.1	0	604	9	63.1	59.4	42.6	33.9
NUTECH	39N08E ↗	E3	3.9	PK	61.3	12.6	0	604	10	60.1	62.4	41.1	33.8
NUTECH	41N04E ↗	E3	4.1	M	61.2	12.3	0	604	11	62.0	60.5	42.9	32.6
PIONEER	P41Z16E GC ↗	E3	4.1	R	60.9	12.0	0	600	12	61.8	59.9	42.7	32.0
AGVENTURE	AV40C3E ↗	E3	4.0	M	60.5	12.4	0	596	13	63.0	58.0	42.8	32.7
AGVENTURE	AV46C3E ↗	E3	4.6	M	59.6	12.3	1	587	14	58.8	60.4	42.3	32.3
ASGROW	AG43XF5 GC ↗	RXF	4.3	R	59.5	12.6	0	586	15	61.5	57.4	42.1	32.1
BURRUS	3578E ↗	E3	3.5	M	59.4	12.6	0	585	16	57.9	60.8	42.7	32.1
NUTECH	35N05E ↗	E3	3.5	PK	59.3	12.3	0	584	17	58.2	60.4	41.2	30.1
DYNA-GRO	S38EN75 ↗	E3	3.8	M	59.2	12.5	0	583	18	60.7	57.7	42.3	32.0
DONMARIO	DM37F85S ↗	RXF,ST	3.7	M	58.8	13.2	0	579	19	60.9	56.6	42.4	32.3
FORTUS	4125ES ↗	E3,ST	4.1	M	58.7	12.0	0	579	20	60.9	56.5	42.2	32.8
FS HISOY	HS 43E30 ↗	E3,ST	4.3	M	58.6	12.3	0	577	21	63.9	53.3	42.4	32.1
NUTECH	38N05E ↗	E3	3.8	M	58.3	12.4	0	574	22	58.8	57.8	42.7	32.3
GREAT HEART	GT-3972E ↗	E3	3.9	M	58.3	12.7	0	574	23	58.3	58.2	42.8	32.6
DYNA-GRO	S41XF65 ↗	RXF	4.1	M	58.2	12.6	0	574	24	60.6	55.8	42.8	32.1
NUTECH	43N11BE ↗	E3,ST	4.3	M	58.2	12.1	0	574	25	60.8	55.6	49.0	35.5
APEX	AE3850 ↗	E3	3.8	M	58.1	12.6	0	572	26	57.8	58.3	52.1	29.1
GREAT HEART	GT-4148ES ↗	E3,ST	4.1	M	58.0	11.9	0	571	27	57.8	58.1	42.3	33.2
AGVENTURE	AV39B2E ↗	E3	3.9	PK	57.8	12.9	0	569	28	57.8	57.8	41.1	28.1
FS HISOY	HS 48E50 ↗	E3,ST	4.8	M	57.5	15.0	3	567	29	53.0	62.1	45.6	46.0
APEX	AE4150S ↗	E3,ST	4.1	M	57.4	11.9	0	566	30	60.5	54.3	45.9	33.9

Rejected due to insufficient data

Rejected due to yield variability

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Averages =	57.9	12.6	0	571	58.9	56.9	45.3	33.1
LSD (0.10) =	5.5	1.3	1		3.9	4.8	6.3	5.7
LSD (0.25) =	2.9	0.7	1		2.1	2.5	3.3	3.0

Prev. years average yield for region: 53.51 bu/a, 24 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.00

Prices: GMO = \$9.85

† 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. * 2 reps for the site.

Additional reports available at www.firstseedtests.com

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Report Date: 10/27/2025

2025 Soybeans - Illinois South [ILSO]

All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV38A1E	E3	M	3.8	CMB-APX,IL
AgVenture	AV39B2E	E3	PK	3.9	CMB-APX,IL
AgVenture	AV40C3E	E3	M	4.0	Lum,Lu,Lud,IL
AgVenture	AV41Y5E	E3	M	4.1	CMB-APX,IL
AgVenture	AV44B2E	E3	M	4.4	CMB-APX,IL
AgVenture	AV45B2E	E3	M	4.5	CMB-APX,IL
AgVenture	AV46C3E	E3	M	4.6	CMB-APX,IL
AgVenture	AV48B2E	E3	M	4.8	CMB-APX,IL
Apex	AE3550S	E3,ST	M	3.5	PU,Sa
Apex	AE3850	E3	M	3.8	PU,Sa
Apex	AE4150S	E3,ST	M	4.1	PU,Sa
Asgrow	AG39XF3	RXF	R	3.9	ACi,IL
Asgrow	AG43XF5	RXF	R	4.3	ACi
Asgrow	AG48XF3	RXF	R	4.8	ACi
Burrus	3578E	E3	M	3.5	BPS-SDS
Burrus	3908F	RXF	M	3.9	BPS-SDS
Burrus	4125F	RXF	M	4.1	BPS-SDS
Burrus	4134E	E3	M	4.1	BPS-SDS
Burrus	4353E	E3	M	4.3	BPS-SDS
DONMARIO	DM36E94	E3	M	3.6	CMB-APX,SA
DONMARIO	DM37F85S	RXF,ST	M	3.7	CMB-APX,SA
DONMARIO	DM38E54	E3	M	3.8	CMB-APX,SA
DONMARIO	DM40F45S	RXF,ST	M	4.0	CMB-APX,SA
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
Dyna-Gro	S41XF65	RXF	M	4.1	PLTM
Fortus	3665E	E3	M	3.6	ACi,SU
Fortus	3815E	E3	M	3.8	ACi,SU
Fortus	4125ES	E3,ST	M	4.1	ACi,SU
FS HiSOY	HS 42F50	RXF	M	4.2	ACi,SA
FS HiSOY	HS 43E30	E3,ST	M	4.3	ACi,SA
FS HiSOY	HS 44F30	RXF,ST	M	4.4	ACi,SA
FS HiSOY	HS 45E50	E3	M	4.5	ACi,SA
FS HiSOY	HS 46F50	RXF,ST	M	4.6	ACi,SA
FS HiSOY	HS 47E50	E3,ST	M	4.7	ACi,SA
FS HiSOY	HS 48E50	E3,ST	M	4.8	ACi,SA
FS HiSOY	HS 48F40	RXF	M	4.8	ACi,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Great Heart	GT-3646E	E3	PK	3.6	Gr+
Great Heart	GT-3771E	E3	M	3.7	Gr+
Great Heart	GT-3968XF	RXF	M	3.9	Gr+
Great Heart	GT-3972E	E3	M	3.9	Gr+
Great Heart	GT-4148ES	E3,ST	M	4.1	Gr+
Great Heart	GT-4320ES	E3,ST	M	4.3	Gr+
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
NuTech	38N05E	E3	M	3.8	Lum, LumT, IL
NuTech	39N08E	E3	PK	3.9	Lum, LumT, IL
NuTech	41N04E	E3	M	4.1	Lum, LumT, IL
NuTech	43N06E	E3	M	4.3	Lum, LumT, IL
NuTech	43N11BE	E3,ST	M	4.3	Lum, LumT, IL
NuTech	45N12E	E3	M	4.5	Lum, LumT, IL
Pioneer	P40Z57E	E3	R	4.0	Lum, LumT, IL
Pioneer	P41Z16E	E3	R	4.1	Lum, LumT, IL
Pioneer	P43Z44SE	E3,ST	R	4.3	Lum,Lu,IL
Xitavo	XO 3555E	E3	M	3.5	PV,IL,OB,Rey
Xitavo	XO 3705E	E3	M	3.7	PV,IL,OB,Rey
Xitavo	XO 3855E	E3	M	3.8	PV,IL,OB,Rey
Xitavo	XO 4056E	E3	M	4.0	PV,IL,OB,Rey
Xitavo	XO 4255E	E3	M	4.2	PV,IL,OB,Rey
Xitavo	XO 4364E	E3	M	4.3	PV,IL,OB,Rey
Xitavo	XO 4405E	E3	M	4.4	PV,IL,OB,Rey

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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.

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

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ACi,SU	Acceleron® Standard Insecticide-Fungicide, StepUp
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,IL	CruiserMaxx® APX with ILEVO®
CMB-APX,SA	CruiserMaxx® APX with 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
PLTM	DynaGro PLTM
PU,Sa	Protect Ultra, Saltro
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®

* Seed treatments may include unspecified plant health promoting components.