

Test by: Bottomline Seed Solutions, LLC Effingham, IL

2026 Soybeans Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL

Bottomline Seed Solutions, LLC, Clint Tucker, Effingham
County, IL 62401

Early-Season Test	Maturity Group 3.4 - 4.0 S2026ILSO01a
Top 30 of 30	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Glyphosate, Lexar
SOIL DESCRIPTION:	Bluford silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	6.71 pH, 2.57% OM, 7.16 CEC, high P, high K, low S, mod. B, low Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
CROP PROTECTION:	Prefix (H), Roundup Powermax (H), Liberty (H), Clethodim (H), Warrant (H)
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 2 150.0 /A 30" spacing
HARVESTED - STAND:	Oct 24 126.4 /A
PEST & DISEASE RISK:	SDS, Stem Canker, Anthracnose of Soybean*

TEST COMMENTS:

This conventional location was planted in early June. Emergence was good, and weed control was excellent. This location received too much rain in June, which stunted growth, followed by a very dry and hot July, August, and September. The fuller season varieties suffered due to no rain in late August. All varieties were very short, and the soybeans were very small. This was a good, consistent stress test for southern Illinois. Check out the varieties that lead the way to plant on your tougher acres.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ‡	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSOY	HS 39F50 ↗	RXF	3.9	M	59.4	11.4	1	136.3	713	1
Pioneer	P32Z91E GC ↗	E3	3.2	PK	56.9	10.8	1	114.7	683	2
Asgrow	AG39XF3 GC ↗	RXF	3.9	R	56.5	11.7	1	119.3	678	3
Burrus	3773E ↗	E3	3.7	M	55.0	11.9	1	147.3	660	4
Great Heart	GT-3895ES ↗	E3,ST	3.8	M	54.5	11.7	1	139.3	654	5
Pioneer	P37Z06E GC ↗	E3	3.7	R	54.1	11.3	1	108.7	649	6
Hoegemeyer	3825E ↗	E3	3.8	M	54.0	10.5	1	122.3	648	7
Great Heart	GT-3651ES ↗	E3,ST	3.6	M	53.8	11.6	1	138.0	646	8
FS HiSOY	HS 36E60 ↗	E3,ST	3.6	M	53.8	12.0	1	127.0	646	9
AgVenture	AV39B2E ↗	E3	3.9	PK	53.5	11.5	1	136.0	642	10
Hoegemeyer	3326E ↗	E3	3.3	PK	53.4	10.6	1	131.7	641	11
Power Plus	3912 ↗	E3	3.9	M	52.9	10.9	1	138.0	635	12
Pioneer	P38Z63E GC ↗	E3	3.8	R	52.7	11.2	1	113.0	632	13
Xitavo	XO 3555E ↗	E3	3.5	M	52.6	11.3	1	138.0	631	14
Asgrow	AG38XF3 GC ↗	RXF	3.8	R	52.2	11.4	1	124.0	626	15
AgVenture	AV40C3E ↗	E3	4.0	M	51.7	10.8	1	121.0	620	17
AgVenture	AV37D4BE ↗	E3,ST	3.7	M	51.6	10.6	1	125.3	619	18
Fortus	3665E ↗	E3	3.6	M	51.1	11.5	1	133.0	613	19
DONMARIO	DM37E66 ↗	E3	3.7	PK	50.5	10.6	1	128.3	606	20
AgVenture	AV38B2E ↗	E3	3.8	M	49.6	10.5	1	108.7	595	21
FS HiSOY	HS 40E30 ↗	E3	4.0	M	48.6	10.5	1	124.0	583	22
FS HiSOY	HS 37E40 ↗	E3	3.7	M	48.4	10.9	1	122.7	581	23
Fortus	3815E ↗	E3	3.8	M	48.3	11.6	1	122.3	580	24
AgVenture	AV36B2E ↗	E3	3.6	M	47.9	10.5	1	114.7	575	25
Great Heart	GT-3771E ↗	E3	3.7	M	47.9	11.3	1	141.0	575	26
FS HiSOY	HS 36F40 ↗	RXF	3.6	M	47.7	11.6	1	125.3	572	27
Hoegemeyer	3605E ↗	E3	3.6	M	46.9	10.0	1	128.3	563	28
Apex	AE3870S ↗	E3,ST	3.8	M	46.4	11.3	1	118.0	557	29
Great Heart	GT-3972E ↗	E3	3.9	M	42.2	10.4	1	125.3	506	30
Asgrow	AG36XF4 CK	RXF	3.6	R	52.0	11.1	1	119.3	624	16
					Averages =	51.5	11.1	1	126.4	618
					LSD (0.10) =	4.4	0.4	ns		
					LSD (0.25) =	2.3	0.2	ns		
					C.V. =	8.1				
					Historic yield: 61.17 bu/a, 7 yr(s)					

Clint Tucker

Clint Tucker

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$12.00

Report Date: 10/24/2026

Additional reports available at www.firstseedtests.com

† 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. *Earthoptics used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

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Illinois South [ILSO] EFFINGHAM, IL

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County, IL 62401

Full-Season Test	Maturity Group 4.1 - 4.8 S2026ILSO01b
Top 24 of 24	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Atrazine, Glyphosate, Lexar
SOIL DESCRIPTION:	Bluford silt loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	6.71 pH, 2.57% OM, 7.16 CEC, high P, high K, low S, mod. B, low Zn
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
CROP PROTECTION:	Prefix (H), Roundup Powermax (H), Liberty (H), Clethodim (H), Warrant (H)
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 2 150.0 /A 30" spacing
HARVESTED - STAND:	Oct 24 124.0 /A
PEST & DISEASE RISK:	SDS, Stem Canker, Anthracnose of Soybean*

TEST COMMENTS:

This conventional location was planted in early June. Emergence was good, and weed control was excellent. This location received too much rain in June, which stunted growth, followed by a very dry and hot July, August, and September. The fuller season varieties suffered due to no rain in late August. All varieties were very short, and the soybeans were very small. This was a good, consistent stress test for southern Illinois. Check out the varieties that lead the way to plant on your tougher acres.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ‡	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Asgrow	AG42XF6 GC ↗	RXF	4.2	NA	51.5	11.0	1	104.0	618	1
FS HiSOY	HS 48F40 ↗	RXF	4.8	M	51.4	11.6	1	133.0	617	2
Hoegemeyer	4036E ↗	E3	4.0	M	51.2	10.9	1	124.0	614	3
Great Heart	GT-4511E ↗	E3	4.5	M	51.2	10.7	1	130.0	614	4
Fortus	4125ES ↗	E3,ST	4.1	M	50.5	11.1	1	119.0	606	5
FS HiSOY	HS 47F60 ↗	RXF,ST	4.7	M	50.2	11.0	1	144.0	602	6
FS HiSOY	HS 48E50 ↗	E3,ST	4.8	M	49.9	10.5	1	127.0	599	7
AgVenture	AV46C3E ↗	E3	4.6	M	49.9	10.4	1	120.7	599	8
Apex	AE4270S ↗	E3,ST	4.2	M	49.4	10.8	1	128.3	593	10
AgVenture	AV48B2E ↗	E3	4.8	M	48.8	10.4	1	139.0	586	11
AgVenture	AV44B2E ↗	E3	4.4	M	48.6	10.4	1	116.3	583	12
FS HiSOY	HS 44E60 ↗	E3	4.4	M	48.1	10.7	1	107.0	577	13
Hoegemeyer	4517BE ↗	E3,ST	4.5	M	47.5	10.2	1	127.0	570	14
Asgrow	AG44XF4 GC ↗	RXF,ST	4.4	R	47.5	10.2	1	117.7	570	15
Hoegemeyer	4385E ↗	E3	4.3	M	47.0	10.2	1	122.0	564	16
Pioneer	P44Z67BE GC ↗	E3,ST	4.4	NA	46.8	10.2	1	106.7	562	17
FS HiSOY	HS 46E60 ↗	E3,ST	4.6	M	46.5	10.5	1	116.3	558	18
Pioneer	P43Z44SE GC ↗	E3,ST	4.3	R	46.2	10.4	1	122.3	554	19
Hoegemeyer	4596E ↗	E3	4.5	M	45.8	10.3	1	137.7	550	20
Pioneer	P41Z16E GC ↗	E3	4.1	R	45.5	10.2	1	128.3	546	21
Asgrow	AG45XF3 GC ↗	RXF,ST	4.5	R	42.7	9.9	1	127.0	512	22
Hoegemeyer	4355BE ↗	E3,ST	4.3	M	42.2	10.1	1	124.0	506	23
Great Heart	GT-4321ES ↗	E3,ST	4.3	M	37.5	10.0	1	136.3	450	24
Asgrow	AG36XF4 CK	RXF	3.6	R	49.4	10.9	1	119.3	593	9

		Averages =	47.7	10.5	1	124.0	573
		LSD (0.10) =	3.5	0.6	ns		
Klint Tucker		LSD (0.25) =	1.8	0.3	ns		
klint.tucker@firstseedtests.com, (309) 712-1406		C.V. =	6.9	Historic yield: 61.17 bu/a, 7 yr(s)			
Yield & Income Factors:		Base Moisture = 13.0%	Shrink = 1.0	Drying = \$0.00	Prices: GMO = \$12.00		

† 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. *[Earthoptics](#) used for soil conditions and soil-borne disease & pest risks. ↗ Links to full product yield results at www.firstseedtests.com.

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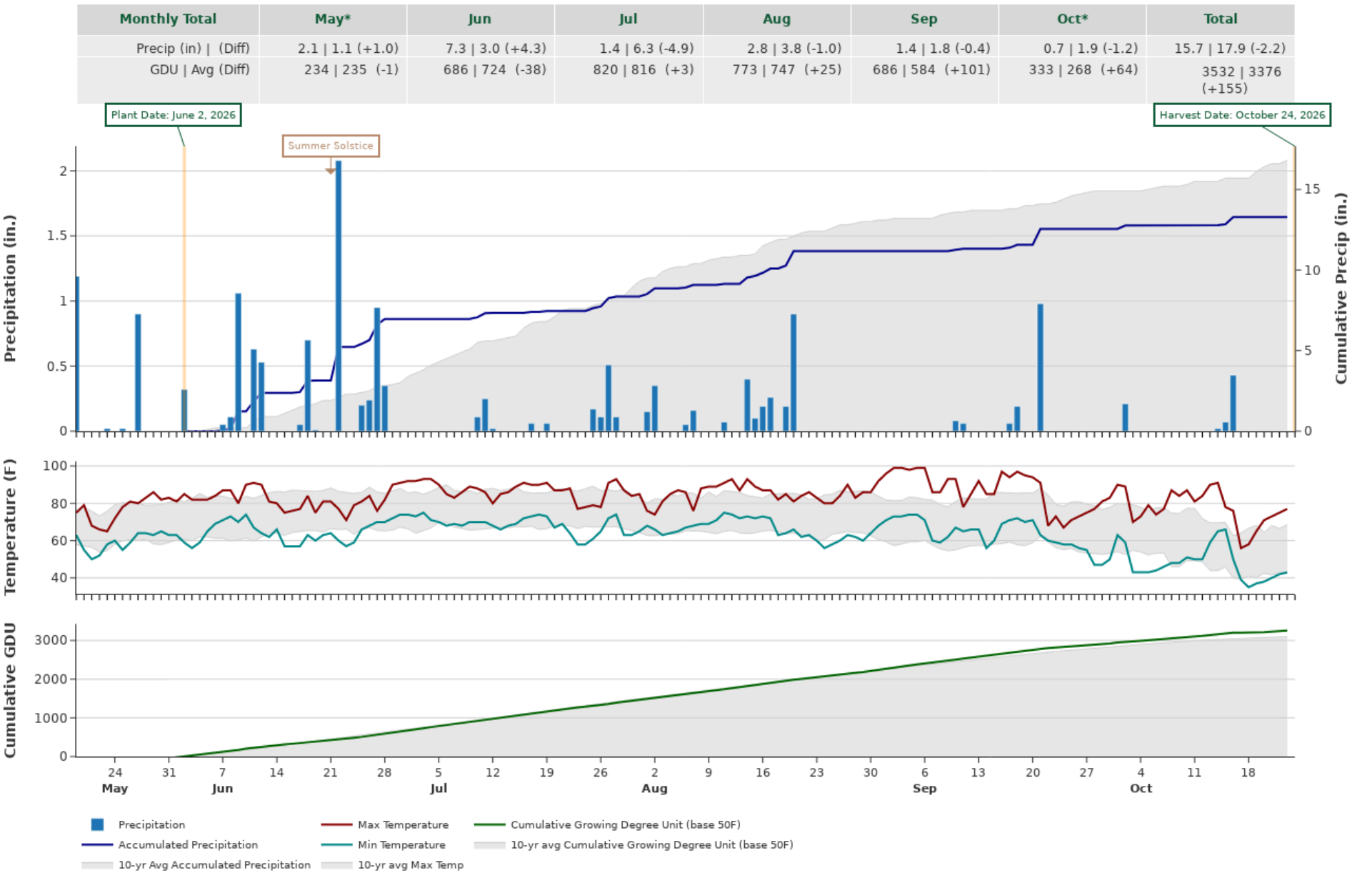
Report Date: 10/24/2026

Additional reports available at www.firstseedtests.com

2026 Soybeans - Illinois South [ILSO]

Weather Conditions Summary at EFFINGHAM, IL

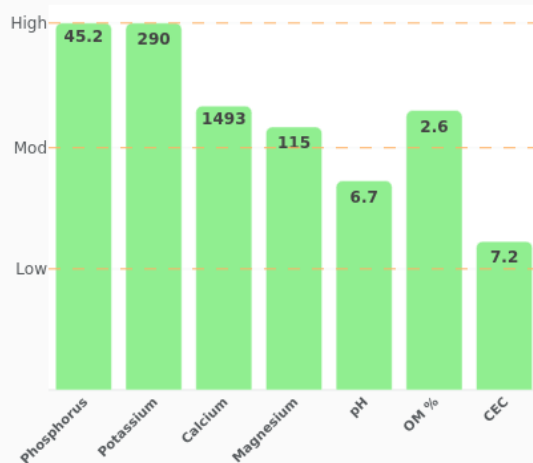
Weather Data Retrieved: 10/24/2026



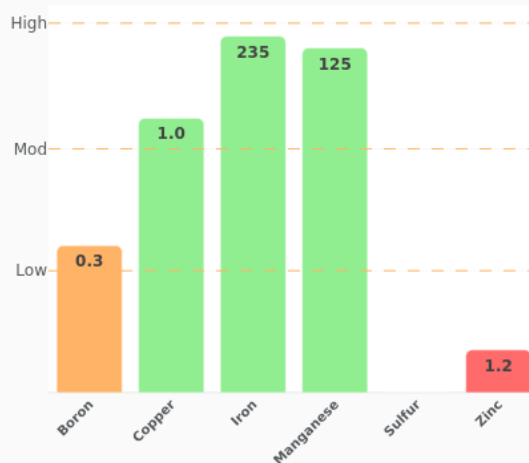
* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

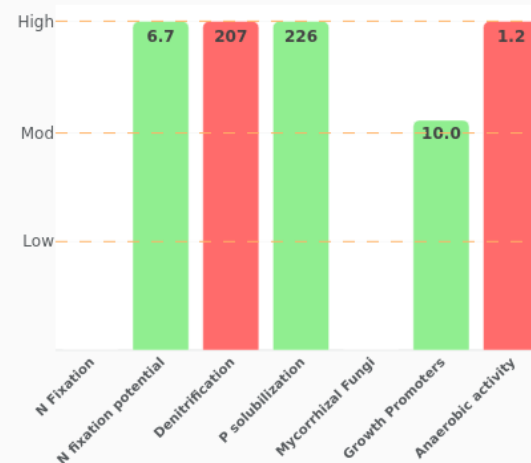
Macronutrients



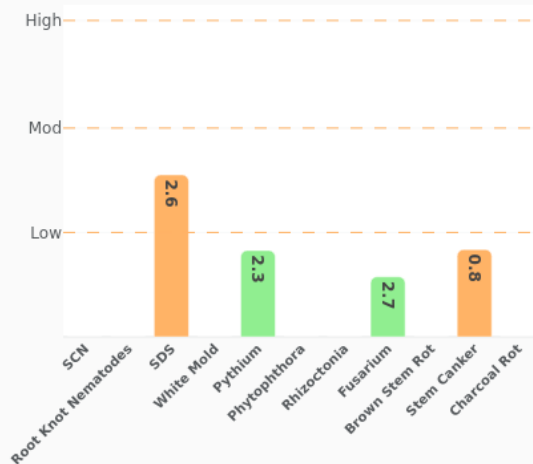
Micronutrients



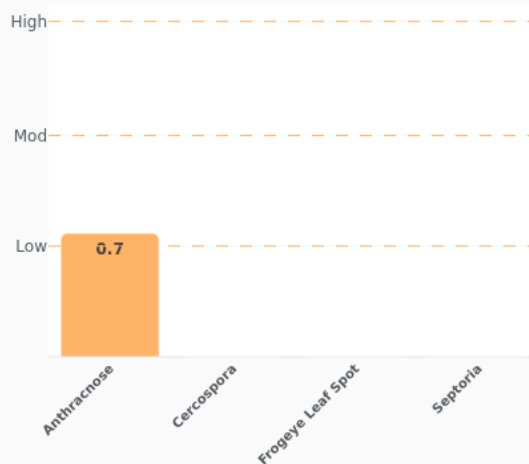
Biofertility Analytics



Below Ground Pest & Disease - Soybeans



Above Ground Pest & Disease - Soybeans



More Information

You can find more information about the EarthOptics and soil analytics reported at the following links:

- [Reported Analytics Descriptions](#)
- [Soil Nutrients & Fertility](#)
- [Analytics & Insights](#)
- [EarthOptics](#)

2026 Soybeans - Illinois South [ILSO]

Early-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV36B2E	E3	M	3.6	CMB-APX,VI
AgVenture	AV37D4BE	E3,ST	M	3.7	Lum,Lu,lud,il
AgVenture	AV38B2E	E3	M	3.8	CMB-APX,VI
AgVenture	AV39B2E	E3	PK	3.9	CMB-APX,SA
AgVenture	AV40C3E	E3	M	4.0	CMB-APX,SA
Apex	AE3870S	E3,ST	M	3.8	PDU,Vt
Asgrow	AG36XF4	RXF	R	3.6	Untreated
Asgrow	AG38XF3	RXF	R	3.8	ACi,IL
Asgrow	AG39XF3	RXF	R	3.9	Untreated
Burrus	3773E	E3	M	3.7	BPS-SDS
DONMARIO	DM37E66	E3	PK	3.7	CMB-APX
Fortus	3665E	E3	M	3.6	ACi,SU2,VI
Fortus	3815E	E3	M	3.8	ACi,SU2,VI
FS HiSOY	HS 36E60	E3,ST	M	3.6	ACi,SA
FS HiSOY	HS 36F40	RXF	M	3.6	ACi,SA
FS HiSOY	HS 37E40	E3	M	3.7	ACi,SA
FS HiSOY	HS 39F50	RXF	M	3.9	ACi,SA
FS HiSOY	HS 40E30	E3	M	4.0	ACi,SA
Great Heart	GT-3651ES	E3,ST	M	3.6	Gr+
Great Heart	GT-3771E	E3	M	3.7	Gr+
Great Heart	GT-3895ES	E3,ST	M	3.8	Gr+
Great Heart	GT-3972E	E3	M	3.9	Gr+
Hoegemeyer	3326E	E3	PK	3.3	Lum,Lu,lud,il
Hoegemeyer	3605E	E3	M	3.6	Lum,Lu,lud,il
Hoegemeyer	3825E	E3	M	3.8	Lum,Lu,lud,il
Pioneer	P32Z91E	E3	PK	3.2	Lum,Lu,lud,il
Pioneer	P37Z06E	E3	R	3.7	Lum,Lu,lud,il
Pioneer	P38Z63E	E3	R	3.8	Lum,Lu,lud,il
Power Plus	3912	E3	M	3.9	BPS-SDS
Xitavo	XO 3555E	E3	M	3.5	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.

2026 Soybeans - Illinois South [ILSO]

Full-Season Test Products (24 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV44B2E	E3	M	4.4	CMB-APX,VI
AgVenture	AV46C3E	E3	M	4.6	CMB-APX,VI
AgVenture	AV48B2E	E3	M	4.8	CMB-APX,VI
Apex	AE4270S	E3,ST	M	4.2	PDU,Vt
Asgrow	AG36XF4	RXF	R	3.6	Untreated
Asgrow	AG42XF6	RXF	NA	4.2	Untreated
Asgrow	AG44XF4	RXF,ST	R	4.4	Untreated
Asgrow	AG45XF3	RXF,ST	R	4.5	Untreated
Fortus	4125ES	E3,ST	M	4.1	ACi,SU2,VI
FS HiSOY	HS 44E60	E3	M	4.4	ACi,SA
FS HiSOY	HS 46E60	E3,ST	M	4.6	ACi,SA
FS HiSOY	HS 47F60	RXF,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
Great Heart	GT-4321ES	E3,ST	M	4.3	Gr+
Great Heart	GT-4511E	E3	M	4.5	Gr+
Hoegemeyer	4036E	E3	M	4.0	Lum,Lu,lud,il
Hoegemeyer	4355BE	E3,ST	M	4.3	Lum,Lu,lud,il
Hoegemeyer	4385E	E3	M	4.3	Lum,Lu,lud,il
Hoegemeyer	4517BE	E3,ST	M	4.5	Lum,Lu,lud,il
Hoegemeyer	4596E	E3	M	4.5	Lum,Lu,lud,il
Pioneer	P41Z16E	E3	R	4.1	Lum,Lu,lud,il
Pioneer	P43Z44SE	E3,ST	R	4.3	Lum,Lu,lud,il
Pioneer	P44Z67BE	E3,ST	NA	4.4	Lum,Lu,lud,il

* 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,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
ACi,SU2,VI	Acceleron® Standard Insecticide-Fungicide, STEPUP 2.0, Victrato®
BPS-SDS	Burrus PowerShield® SDS
CMB-APX	CruiserMaxx® Beans APX
CMB-APX,SA	CruiserMaxx® APX with Saltro®
CMB-APX,VI	CruiserMaxx® Beans APX, Victrato®
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,Lu,lud,il	LumiGen,LumiTreo,Lumiderm,ILVEO HL
PDU,Vt	ProtectDUltra, Victrato
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.