

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

## 2024 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] FORSYTH, IL  
John Adcock, Macon County, IL

<b>All-Season Test</b>	Maturity Group <b>3.3 - 4.3</b> S2024ILSC17
<b>Top 30 of 71</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Lexar Ez (2), Roundup Powermax
<b>SOIL DESCRIPTION:</b>	Flanagan silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, very high K, 6.2 pH, 3.2% OM, 16.7 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/ Fall Till
<b>PEST MANAGEMENT:</b>	Boundary, Agristar Sulfentrazone 4l, Sequence, Liberty, Miravis Top, Endigo Zcx
<b>Applied N-P-K (units):</b>	0-42-110
<b>SEEDED - RATE - ROW:</b>	May 23 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 13 141.2 /A

### TEST COMMENTS:

*This plot was planted in ideal soil conditions and had almost perfect emergence, nearly every seed planted came up! Good vegetative growth and an excellent reproductive cycle happened here. A super well-maintained location boasting zero weed pressure and no disease allowed these plants to achieve full potential for the growing season in this area. Plants were standing perfectly with large tight pod clusters, with many being 4 seed pods holding seed on the larger side. Green stem was prevalent in the plot with a fair amount of green leaves still present presumably from staying so healthy all season long. An extremely gorgeous plot to kick off the Illinois South Central region!*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Fortus	3394E ↗	E3	3.3	PK	<b>94.8</b>	11.6	1	144.0	904	1
Fortus	4125ES ↗	E3,ST	4.1	M	<b>93.4</b>	11.3	1	144.0	891	2
Apex	AE3550S ↗	E3,ST	3.5	M	<b>91.3</b>	11.4	1	141.7	871	3
FS HiSOY	HS 37E40 ↗	E3	3.7	M	<b>91.2</b>	11.9	1	144.0	870	4
DONMARIO	DM38E54 ↗	E3	3.8	M	<b>90.9</b>	11.7	1	140.5	867	5
DONMARIO	DM36E94 ↗	E3	3.6	M	<b>90.0</b>	11.6	1	141.7	859	6
Martin	M354-E3 GC ↗	E3	3.5	M	<b>88.3</b>	12.4	1	139.3	842	7
Golden Harvest	GH3765XF § ↗	RXF	3.7	M	87.4	11.3	1	144.0	834	8
AgVenture	AV34Y9E ↗	E3	3.4	PK	87.1	11.1	1	139.3	831	9
P3 Genetics	2438E ↗	E3	3.8	M	87.1	12.1	1	144.0	831	10
Stine	37EG23 § ↗	E3	3.7	M	86.9	11.7	1	141.7	829	11
Burrus	3966E ↗	E3	3.9	M	86.6	11.9	1	141.7	826	12
AgVenture	AV36B2E ↗	E3	3.6	M	86.2	11.6	1	141.7	822	13
NuTech	35N05E ↗	E3	3.5	PK	85.8	11.2	1	141.7	819	14
Cornelius	CB33XF26 ↗	RXF	3.3	M	85.7	12.2	1	141.7	818	15
Golden Harvest	GH3355E3S § ↗	E3,ST	3.3	PK	85.7	12.5	1	139.3	818	16
Dyna-Gro	S38EN75 ↗	E3	3.8	M	85.5	11.4	1	139.3	816	17
Great Heart	GT-3337E ↗	E3	3.3	R	85.5	11.0	1	139.3	816	18
Burrus	3647F ↗	RXF	3.6	M	85.4	11.2	1	141.7	815	19
Fortus	3815E ↗	E3	3.8	M	85.2	11.8	1	141.7	813	20
Apex	AE4150S ↗	E3,ST	4.1	M	84.8	10.9	1	141.7	809	21
Pioneer	P37A18E § ↗	E3	3.7	MR	84.7	11.6	1	141.7	808	22
NuTech	34N02E ↗	E3	3.4	PK	84.6	11.8	1	141.7	807	23
AgVenture	AV38A1E ↗	E3	3.8	M	84.5	11.1	1	144.0	806	24
Apex	AE3850 ↗	E3	3.8	M	84.5	11.6	1	141.7	806	25
NuTech	38N05E ↗	E3	3.8	M	84.4	11.7	1	144.0	805	26
NuTech	36N06E ↗	E3	3.6	M	84.1	11.2	1	139.3	802	27
FS HiSOY	HS 34E40 ↗	E3	3.4	PK	84.1	12.1	1	139.3	802	28
Burrus	3767E ↗	E3	3.7	M	83.9	12.0	1	137.0	800	29
Martin	M362-E3 GC ↗	E3,ST	3.6	M	83.7	11.5	1	137.0	798	30

*Nathan Roux*

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Averages = **82.7** **11.6** **1** **141.2** **790**

LSD (0.10) = 5.6 0.5 ns

LSD (0.25) = 3.0 0.3 ns

C.V. = 6.5

Historic yield: 60.97 bu/a, 18 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$9.54

Report Date: 10/13/2024

† 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 full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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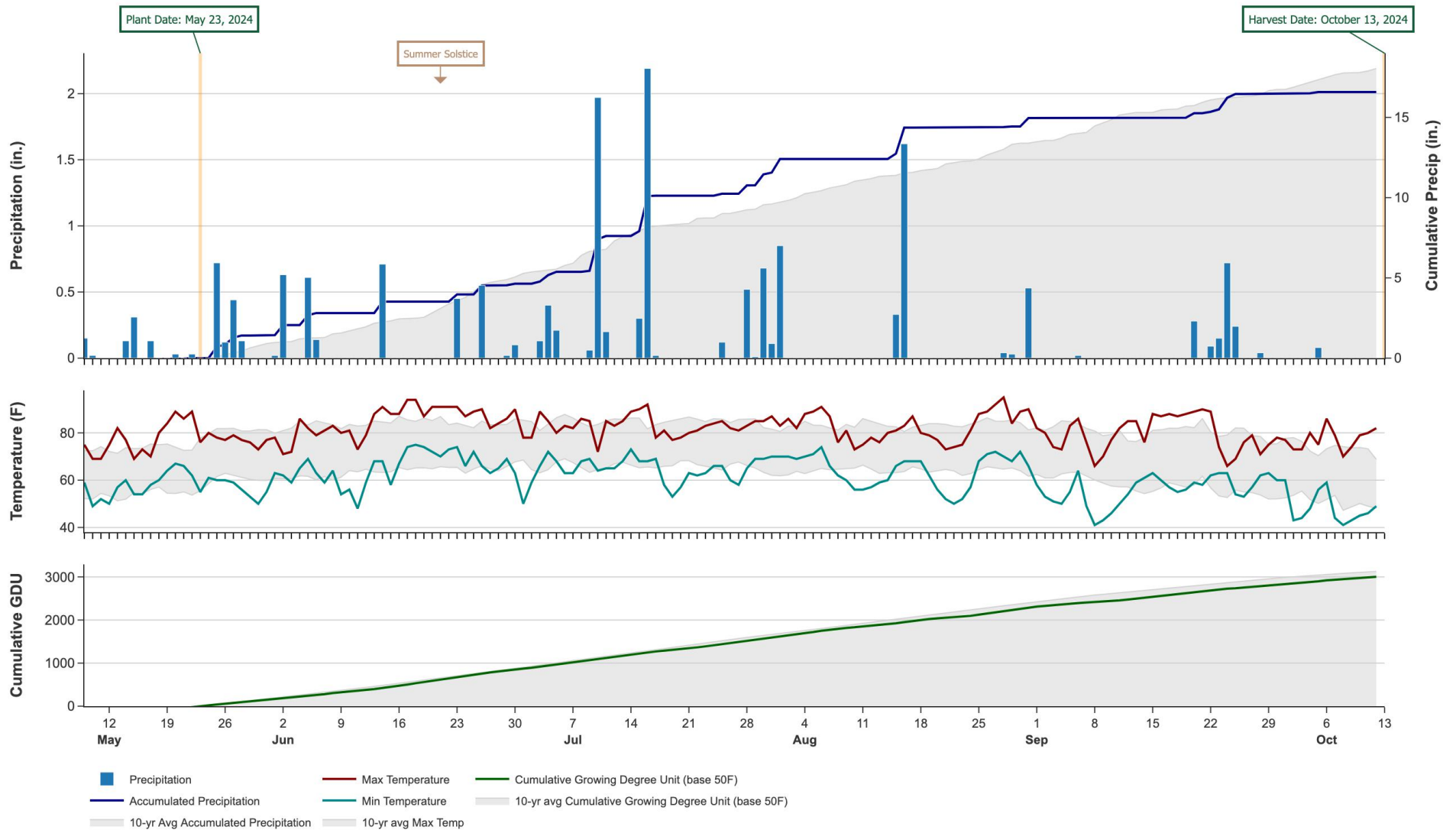
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# 2024 Soybeans - Illinois South Central [ ILSC ]

## Weather Conditions Summary at FORSYTH, IL

Weather Data Retrieved: 10/13/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	2.2   3.4 (-1.2)	3.2   4.1 (-0.9)	6.9   4.5 (+2.4)	3.4   3.8 (-0.4)	1.5   3.3 (-1.8)	0.1   1.3 (-1.2)	17.4   20.6 (-3.2)
GDU   Avg (Diff)	398   376 (+21)	724   712 (+11)	726   784 (-58)	704   734 (-30)	536   573 (-37)	176   152 (+23)	3264   3334 (-70)



\* 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.

## 2024 Soybeans - Illinois South Central [ ILSC ]

### All-Season Test Products (71 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV34Y9E	E3	PK	3.4	CMB-APX,SA
AgVenture	AV36B2E	E3	M	3.6	Lum, LumT, IL
AgVenture	AV38A1E	E3	M	3.8	CMB-APX,SA
AgVenture	AV39B2E	E3	PK	3.9	Lum, LumT, IL
AgVenture	AV43B2BE	E3,ST	M	4.3	Lum, LumT, IL
Apex	AE3550S	E3,ST	M	3.5	PU
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	AG38XF3 §	RXF	R	3.8	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Burrus	3415E	E3,ST	PK	3.4	BPS-SDS
Burrus	3647F	RXF	M	3.6	BPS-SDS
Burrus	3767E	E3	M	3.7	BPS-SDS
Burrus	3966E	E3	M	3.9	BPS-SDS
Burrus	4134E	E3,ST	M	4.1	BPS-SDS
Cornelius	CB33XF26	RXF	M	3.3	PG+
Cornelius	CB36XF60	RXF	M	3.6	PG+
DONMARIO	DM32F74	RXF	M	3.2	F,I,B
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	S37XF15	RXF	M	3.7	PLTM
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
Fortus	3394E	E3	PK	3.3	AC, SU
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 34E40	E3	PK	3.4	ACi,SA
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
FS HiSOY	HS 36E40	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 39E40	E3,ST	M	3.9	F,I,NE
FS HiSOY	HS 41E40	E3,ST	M	4.1	F,I,NE
FS HiSOY	HS 42E40	E3	M	4.2	F,I,NE
Golden Harvest	GH3355E3S §	E3,ST	PK	3.3	CMB-APX,SA
Golden Harvest	GH3655E3S §	E3,ST	M	3.6	CMB-APX,SA
Golden Harvest	GH3765XF §	RXF	M	3.7	CMB-APX,SA
Golden Harvest	GH4093E3	E3	M	4.0	CMB-APX,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Great Heart	GT-3337E	E3	R	3.3	Gr+
Great Heart	GT-3614XF	RXF	R	3.6	Gr+
Great Heart	GT-3770E	E3	R	3.7	Gr+
Great Heart	GT-3967XF	RXF	R	3.9	Gr+
Great Heart	GT-3972E	E3	R	3.9	Gr+
Martin	M354-E3 GC	E3	M	3.5	Untreated
Martin	M362-E3 GC	E3,ST	M	3.6	NA
NuTech	34N02E	E3	PK	3.4	Lum, LumT, IL
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
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
P3 Genetics	2337E	E3	M	3.7	PG+
P3 Genetics	2438E	E3	M	3.8	PG+
Pioneer	P34A98E §	E3	R	3.4	Lum, LumT, IL
Pioneer	P37A18E §	E3	MR	3.7	Lum, LumT, IL
Pioneer	P42A84E §	E3	R	4.2	Lum, LumT, IL
ProHarvest	35E52	E3	M	3.5	PU
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 3375E	E3	M	3.3	PV,IL,OB,Rey
Xitavo	XO 3483E	E3	M	3.4	PV,IL,OB,Rey
Xitavo	XO 3655E	E3,ST	M	3.6	PV,IL,OB,Rey
Xitavo	XO 3795E	E3	M	3.7	PV,IL,OB,Rey
Xitavo	XO 3855E	E3,ST	M	3.8	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, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PLTM	DynaGro PLTM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

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