

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

2024 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] TUSCOLA, IL
Silver Top Enterprises, Curt Clapper, Douglas County, IL 61953

All-Season Test	Maturity Group 3.3 - 4.3 S2024ILSC18
Top 30 of 71	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Halex Gt, Atrazine, Force 3g, Miravis Neo
SOIL DESCRIPTION:	Drummer silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, medium K, 6.6 pH, 3.9% OM, 18.3 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Zidua Pro, 41% Glyphos, Hs Mso, Ams (2), Surmise 5, Stake
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 23 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 14 126.5 /A

TEST COMMENTS:

This location was planted in somewhat dry conditions but received some timely rains shortly afterward. Emergence was nice and even for the conditions early on. Plants were standing extremely well. Most varieties were on the shorter side but had good pod sets with average-sized seed. Some white mold was noted at this location due to the hot, humid, and damp summer. It turned dry in late August and September taking some yield potential off the top end. The plot was in ideal conditions for harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Burrus	3647F ↗	RXF	3.6	M	85.8	9.2	1	131.7	819	1
Great Heart	GT-3614XF ↗	RXF	3.6	R	83.2	9.1	1	129.3	794	2
Dyna-Gro	S38EN75 ↗	E3	3.8	M	82.6	9.3	1	134.0	788	3
FS HiSOY	HS 41E40 ↗	E3,ST	4.1	M	80.9	9.1	1	144.0	772	4
NuTech	35N05E ↗	E3	3.5	PK	80.9	9.2	1	126.3	772	5
Xitavo	XO 3855E ↗	E3,ST	3.8	M	80.8	9.5	1	129.3	771	6
ProHarvest	35E52 ↗	E3	3.5	M	80.7	9.3	1	116.3	770	7
Apex	AE3550S ↗	E3,ST	3.5	M	80.6	9.5	1	121.7	769	8
DONMARIO	DM36E94 ↗	E3	3.6	M	80.6	9.4	1	136.7	769	9
AgVenture	AV36B2E ↗	E3	3.6	M	79.9	9.2	1	131.7	762	10
FS HiSOY	HS 39E40 ↗	E3,ST	3.9	M	79.8	9.1	1	124.0	761	11
P3 Genetics	2438E ↗	E3	3.8	M	79.3	9.2	1	132.0	757	12
Apex	AE3950S ↗	E3,ST	3.9	M	79.1	9.2	1	124.3	755	13
Golden Harvest	GH3355E3S § ↗	E3,ST	3.3	PK	79.1	9.5	1	134.3	755	14
FS HiSOY	HS 36F40 ↗	RXF	3.6	M	79.0	9.3	1	124.3	754	15
Fortus	3815E ↗	E3	3.8	M	78.9	9.2	1	116.3	753	16
FS HiSOY	HS 34E40 ↗	E3	3.4	PK	78.8	9.3	1	131.7	752	17
Burrus	3767E ↗	E3	3.7	M	78.8	9.1	1	124.0	752	18
Cornelius	CB36XF60 ↗	RXF	3.6	M	78.2	9.2	1	124.0	746	19
Stine	35EG92 § ↗	E3	3.5	M	77.8	9.2	1	126.3	742	20
Burrus	4134E ↗	E3,ST	4.1	M	77.6	9.1	1	121.7	740	21
Fortus	4125ES ↗	E3,ST	4.1	M	77.5	9.0	1	129.0	739	22
Great Heart	GT-3967XF ↗	RXF	3.9	R	77.3	9.0	1	131.7	737	23
Apex	AE3850 ↗	E3	3.8	M	77.3	9.5	1	116.3	737	24
Asgrow	AG38XF3 § ↗	RXF	3.8	R	76.8	9.4	1	134.0	733	25
Stine	37EG23 § ↗	E3	3.7	M	76.6	9.3	1	126.7	731	26
Stine	42EG23 § ↗	E3	4.2	M	76.6	9.4	1	136.7	731	27
NuTech	36N06E ↗	E3	3.6	M	76.5	9.5	1	131.7	730	28
Dyna-Gro	S37XF15 ↗	RXF	3.7	M	76.5	9.3	1	124.3	730	29
Asgrow	AG36XF4 § ↗	RXF	3.6	R	76.0	9.2	1	129.0	725	30

	Averages =	75.0	9.3	1	126.5	716
	LSD (0.10) =	5.8	0.3	ns		
	LSD (0.25) =	3.1	0.1	ns		
	C.V. =	7.4				

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$9.54
Historic yield: 57.09 bu/a, 23 yr(s)

Report Date: 10/14/2024

† 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

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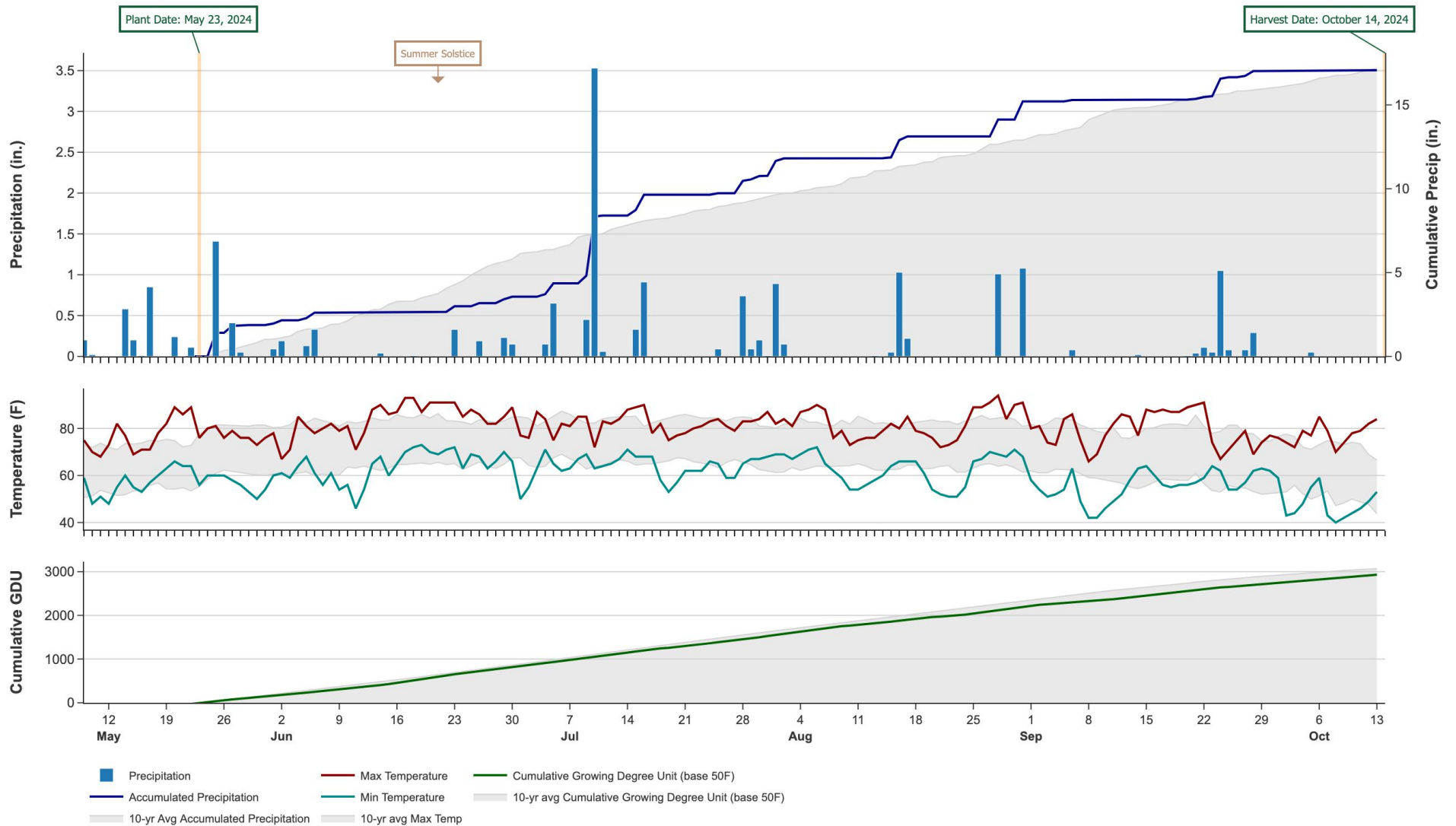
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2024 Soybeans - Illinois South Central [ILSC]

Weather Conditions Summary at TUSCOLA, IL

Weather Data Retrieved: 10/14/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.1 3.2 (+0.9)	1.7 4.8 (-3.1)	7.2 3.8 (+3.5)	4.4 3.3 (+1.1)	1.8 3.1 (-1.3)	0.1 1.2 (-1.1)	19.3 19.4 (-0.1)
GDU Avg (Diff)	390 371 (+18)	696 697 (-1)	696 764 (-68)	678 714 (-36)	532 563 (-31)	192 160 (+31)	3184 3271 (-87)



* 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.

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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

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

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.