

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

## 2023 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> S2023ILSC17
<b>Top 30 of 72</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Lexar Ez, Acuron Gt, Atrazine
<b>SOIL DESCRIPTION:</b>	Ipava, Sable silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 6.0 pH, 4.2% OM, 21.5 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Boundary, Roundup Powermax, Liberty, Dual, Miravis Neo, Endigo Zc
<b>Applied N-P-K (units):</b>	0-0-45
<b>SEEDED - RATE - ROW:</b>	May 17 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 22 130.5 /A

### TEST COMMENTS:

*This location was planted in fairly dry conditions that made for slow emergence, but ended up with a good stand. June showed to be very dry but having a storm towards the end that produced hail that caused some damage to this field. Mr. Adcock said it was estimated at 20% damage by his insurance adjuster. Late summer rains really helped the plot bounce back. Regardless of the hail that occurred the plants were standing beautifully. Smaller plants overall with small to medium seed size, but large clusters with lots of pods across the location.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 33E20 ↗	E3,ST	3.3	R	<b>76.3</b>	10.6	1	126.7	992	1
Great Heart	GT-3967XF ↗	RXF	3.9	R	<b>75.9</b>	10.2	1	140.5	987	2
Martin	M33-XF GC ↗	RXF	3.3	MR	<b>73.9</b>	10.4	1	118.0	959	3
Stine	38EG32 § ↗	E3	3.8	R	<b>73.5</b>	10.7	1	134.3	956	4
Golden Harvest	GH4214E3S § ↗	E3,ST	4.2	MR	<b>73.3</b>	10.9	1	129.0	952	5
FS HISOY	HS 35E10 ↗	E3	3.5	R	<b>72.8</b>	10.7	1	124.0	946	6
NuTech	37N03E ↗	E3	3.7	R	72.7	10.5	1	124.3	945	7
Pioneer	P31A73E § ↗	E3	3.1	R	72.6	10.9	1	121.7	944	8
Xitavo	XO 4364E ↗	E3,ST	4.3	R	72.3	11.0	1	136.7	940	9
Xitavo	XO 4132E ↗	E3	4.1	R	72.2	10.7	1	126.7	939	10
Apex	AE3340 ↗	E3	3.3	R	72.1	10.8	1	121.7	937	11
Brevant	B342EE GC ↗	E3	3.4	R	71.7	10.6	1	134.3	932	12
NK Brand	NK42-A6E3S ↗	E3,ST	4.2	MR	71.3	10.8	1	121.7	927	13
Stine	37FD02 § ↗	RXF	3.7	R	71.1	10.8	1	136.7	924	14
Golden Harvest	GH3994E3 ↗	E3	3.9	MR	70.3	10.8	1	126.7	914	15
Great Heart	GT-3894ES ↗	E3,ST	3.8	R	70.3	11.1	1	129.3	914	16
Dyna-Gro	S42XF93S ↗	RXF,ST	4.2	MR	70.2	10.8	1	134.0	913	17
AgVenture	AV 38A1E ↗	E3	3.8	MR	70.0	10.8	1	136.7	910	18
DONMARIO	DM36F84S ↗	RXF,ST	3.6	R	69.8	10.7	1	134.3	907	19
Apex	AE3541 ↗	E3	3.5	R	69.3	10.9	1	136.7	901	20
Lewis	3834XF ↗	RXF	3.8	R	69.1	10.2	1	139.3	898	21
Great Heart	GT-4005ES ↗	E3,ST	4.0	R	69.1	11.1	1	131.7	898	22
Lewis	3932XF ↗	RXF	3.9	R	69.0	10.8	1	134.0	897	23
P3 Genetics	2337E ↗	E3	3.7	R	69.0	10.4	1	119.0	897	24
NuTech	34N02E ↗	E3	3.4	R	68.8	10.8	1	129.3	894	25
DONMARIO	DM34E11 ↗	E3	3.4	R	68.7	11.0	1	129.3	893	26
FS HISOY	HS 39E10 ↗	E3	3.9	R	68.6	10.9	1	119.3	892	27
NK Brand	NK40-P5E3 ↗	E3	4.0	R	68.5	10.9	1	124.0	890	28
NuTech	39N07E ↗	E3	3.9	R	68.5	10.5	1	139.3	890	29
AgVenture	AV 34Y9E ↗	E3	3.4	R	68.3	11.0	1	139.3	888	30

*Nathan Roux*

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Averages = **67.4** **10.8** **1** **130.5** **877**

LSD (0.10) = 5.4 0.4 ns

LSD (0.25) = 2.8 0.2 ns

C.V. = 7.6

Historic yield: 60.07 bu/a, 16 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.00

Report Date: 10/22/2023

† 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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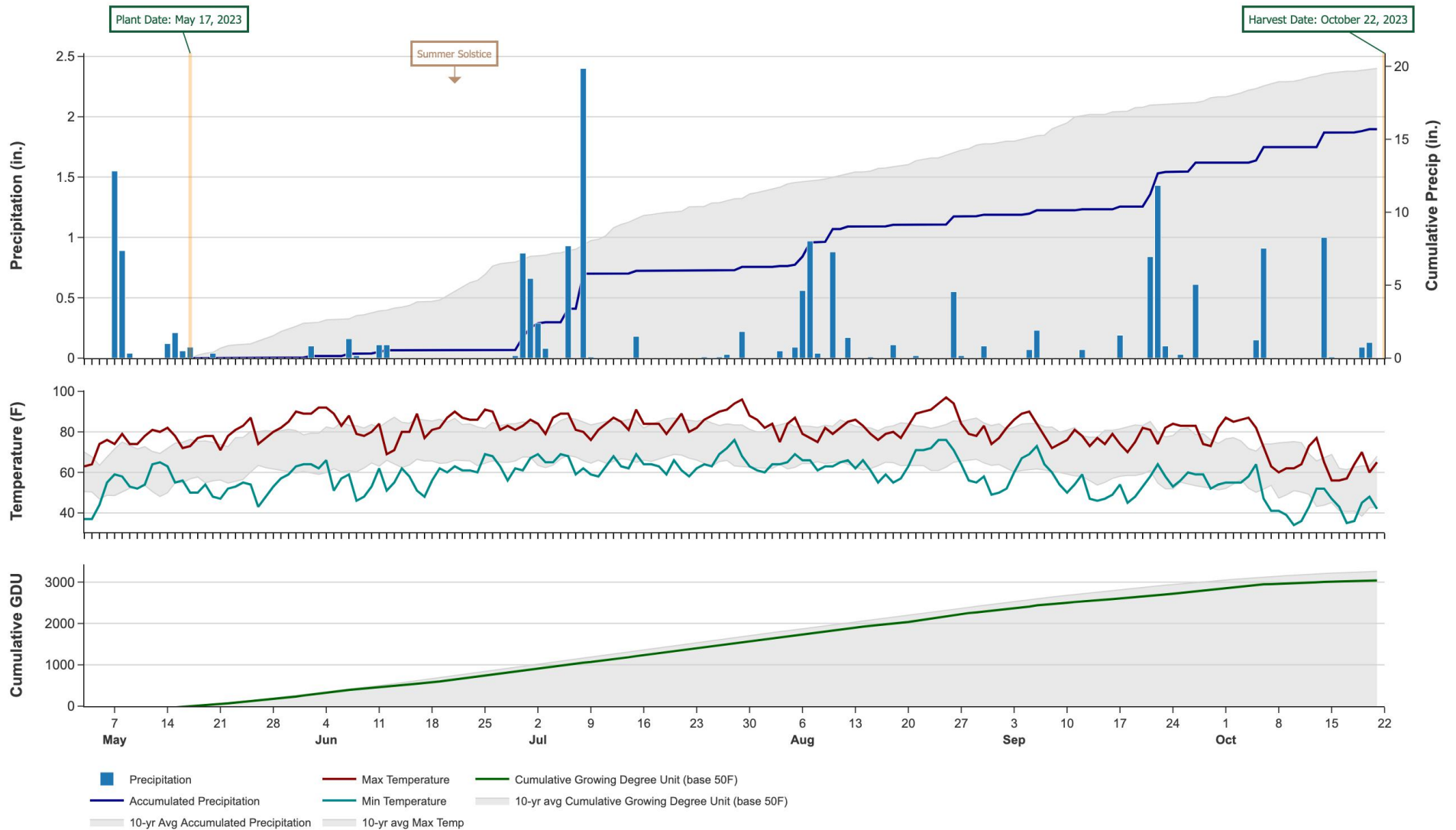
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# 2023 Soybeans - Illinois South Central [ ILSC ]

## Weather Conditions Summary at FORSYTH, IL

Weather Data Retrieved: 10/22/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	3.0   4.8 (-1.8)	1.4   4.6 (-3.2)	4.8   4.6 (+0.2)	3.6   3.3 (+0.2)	3.6   3.2 (+0.3)	2.3   1.9 (+0.4)	18.6   22.4 (-3.8)
GDU   Avg (Diff)	461   428 (+32)	622   708 (-86)	748   771 (-23)	698   727 (-29)	528   573 (-45)	212   220 (-8)	3269   3430 (-161)



\* 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.

## 2023 Soybeans - Illinois South Central [ ILSC ]

### All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV 34Y9E	E3	R	3.4	Lum,Lu,IL
AgVenture	AV 38A1E	E3	MR	3.8	Lum,Lu,Lud,IL
AgVenture	AV 39Y3E	E3	MR	3.9	F,I,SA
AgVenture	AV 41Y5E	E3	MR	4.1	F,I,SA
AgVenture	AV 42A1E	E3	MR	4.2	Lum,Lu,Lud,IL
Apex	AE3340	E3	R	3.3	PU
Apex	AE3541	E3	R	3.5	PU
Apex	AE3720S	E3,ST	R	3.7	PU
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG39XF3 §	RXF	R	3.9	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Brevant	B342EE GC	E3	R	3.4	Lum,Lu,IL
Burrus	3875E GC	E3	R	3.8	BPS-SDS
Burrus	3886F	RXF	R	3.8	BPS-SDS
Burrus	3966E	E3	R	3.9	BPS-SDS
Cornelius	CB37XF70	RXF	R	3.7	PG+
Cornelius	CB41XF50	RXF	R	4.1	PG+
DONMARIO	DM34E11	E3	R	3.4	BPS-SDS
DONMARIO	DM36F84S	RXF,ST	R	3.6	CMB-APX,SA
DONMARIO	DM40E44	E3	R	4.0	CMB-APX,SA
Dyna-Gro	S37ES52	E3,ST	R	3.7	EQV,Sa,Va
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
Dyna-Gro	S42XF93S	RXF,ST	MR	4.2	EQV,Sa,Va
FS HiSOY	HS 33E20	E3,ST	R	3.3	ACi,SA
FS HiSOY	HS 35E10	E3	R	3.5	ACi,SA
FS HiSOY	HS 37F00	RXF	R	3.7	ACi,SA
FS HiSOY	HS 39E10	E3	R	3.9	ACi,SA
FS HiSOY	HS 40E30	E3	R	4.0	ACi,SA
FS HiSOY	HS 41F30	RXF,ST	R	4.1	ACi,SA
FS HiSOY	HS 42E10	E3,ST	R	4.2	ACi,SA
FS HiSOY	HS 42F10	RXF	R	4.2	ACi,SA
Golden Harvest	GH3774E3	E3	R	3.7	CMB-APX,SA
Golden Harvest	GH3994E3	E3	MR	3.9	CMB-APX,SA
Golden Harvest	GH4093E3 §	E3	R	4.0	CMB-APX,SA
Golden Harvest	GH4214E3S §	E3,ST	MR	4.2	CMB-APX,SA
Great Heart	GT-3883XF	RXF	R	3.8	Gr+
Great Heart	GT-3894ES	E3,ST	R	3.8	Gr+
Great Heart	GT-3967XF	RXF	R	3.9	Gr+
Great Heart	GT-4005ES	E3,ST	R	4.0	Gr+
Great Heart	GT-4366XFS	RXF,ST	R	4.3	Gr+
Lewis	3513XF	RXF	R	3.5	ACi,IL
Lewis	3834XF	RXF	R	3.8	ACi,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Lewis	3932XF	RXF	R	3.9	ACi,IL
Martin	M33-XF GC	RXF	MR	3.3	EcQ,NF,NH
NK Brand	NK33-W2E3S §	E3,ST	R	3.3	CMB-APX,SA
NK Brand	NK39-J2E3	E3	MR	3.9	CMB-APX,SA
NK Brand	NK40-P5E3	E3	R	4.0	CMB-APX,SA
NK Brand	NK42-A6E3S	E3,ST	MR	4.2	CMB-APX,SA
NuTech	33N04E	E3	R	3.3	Lum,Lu,IL
NuTech	34N02E	E3	R	3.4	Lum,Lu,IL
NuTech	36N04E	E3	R	3.6	Lum,Lu,IL
NuTech	37N03E	E3	R	3.7	Lum,Lu,IL
NuTech	39N07E	E3	R	3.9	Lum,Lu,IL
NuTech	42N05E	E3	R	4.2	Lum,Lu,IL
P3 Genetics	2239E	E3	R	3.9	PG+
P3 Genetics	2337E	E3	R	3.7	PG+
Pioneer	P31A73E §	E3	R	3.1	Lum, LumT, IL
Pioneer	P37A18E §	E3	MR	3.7	Lum, LumT, IL
Pioneer	P38A28E §	E3	MR	3.8	Lum, LumT, IL
ProHarvest	37E41S	E3,ST	R	3.7	PU
Stine	37FD02 §	RXF	R	3.7	ACi
Stine	38EG32 §	E3	R	3.8	ACi
Stine	40FD29 §	RXF	R	4.0	ACi
Stone	2XF3843	RXF	R	3.8	ACi,IL
Xitavo	XO 3483E	E3	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3752E	E3,ST	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3803E	E3,ST	MR	3.8	PV,IL,OB,Rey
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB,Rey
Xitavo	XO 4084E	E3,ST	R	4.0	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	PV,IL,OB,Rey
Xitavo	XO 4364E	E3,ST	R	4.3	PV,IL,OB,Rey
Zinesto	Z3303E GC	E3	R	3.3	Treated

## 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 Rating

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S	susceptible
MR	moderate resistance
R	resistant
n/a	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	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcQ,NF,NH	Eclipse US Total Quad-R, N-Force, N-Hibit
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis®
F,I,SA	Fungicide, Insecticide, 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
PG+	Profit Guard +
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
Treated	Treated, unspecified

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