

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

## 2023 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] MACOMB, IL  
Joel Lewis, McDonough County, IL 61438

<b>All-Season Test</b>	Maturity Group <b>2.8 - 3.8</b> S2023ILNC14
<b>Top 30 of 78</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness Xtra, Warrant, Roundup Powermax
<b>SOIL DESCRIPTION:</b>	Oscos, Ipava silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 5.7 pH, 3.7% OM, 18.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Authority Supreme, Roundup Powermax 3, Liberty, Outlook, Delaro, Silencer
<b>FERTILITY - Applied N:</b>	Ele-Max Sulfur
<b>Applied N-P-K (units):</b>	0-55-84
<b>SEEDED - RATE - ROW:</b>	May 18 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Nov 5 138.6 /A

### TEST COMMENTS:

*This location was planted in very nice conditions, and soil temperatures and moisture were ideal for germination along with a near-perfect seed bed. It turned dry after emergence only for a short time, which didn't put much stress on plants early on. Timely rains throughout the season helped tremendously during the reproductive stages. Plants were all standing near perfect and had nice pod sets, seed size was on the medium to smaller side. There were a few spots that did show signs of SDS but not widespread. Joel commented that he had walked this particular field once because of a small amount of weed pressure in a few areas. All together a very nice location!*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Brevant	B342EE GC ↗	E3	3.4	R	<b>78.9</b>	12.5	1	139.0	1026	1
AgVenture	AV 38A1E ↗	E3	3.8	MR	<b>77.6</b>	12.2	1	137.0	1009	2
Pioneer	P31A73E § ↗	E3	3.1	R	<b>77.2</b>	12.4	1	139.3	1004	3
AgVenture	AV 34Y9E ↗	E3	3.4	R	<b>77.1</b>	12.6	1	132.0	1002	4
NuTech	34N02E ↗	E3	3.4	R	<b>76.9</b>	12.4	1	136.7	1000	5
NuTech	37N03E ↗	E3	3.7	R	<b>76.9</b>	12.6	1	139.0	1000	6
NK Brand	NK28-B9E3S § ↗	E3,ST	2.8	MR	<b>75.9</b>	12.4	1	146.7	987	7
Purple Ribbon	33E23 ↗	E3	3.3	MR	<b>75.7</b>	11.7	1	131.7	984	8
Apex	AE3541 ↗	E3	3.5	R	<b>75.1</b>	12.4	1	126.7	976	9
Xitavo	XO 3224E ↗	E3	3.2	R	<b>75.1</b>	13.0	1	129.3	976	10
Golden Harvest	GH3774E3 ↗	E3	3.7	R	<b>74.9</b>	12.3	1	144.3	974	11
Xitavo	XO 2963E ↗	E3	2.9	R	<b>74.3</b>	13.0	1	136.7	966	12
P3 Genetics	2337E ↗	E3	3.7	R	<b>74.3</b>	12.1	1	131.7	966	13
Golden Harvest	GH3693E3S ↗	E3,ST	3.6	R	<b>74.2</b>	11.8	1	146.7	965	14
Pioneer	P37A18E § ↗	E3	3.7	MR	<b>74.2</b>	12.8	1	141.7	965	15
Renk	RS353NXF ↗	RXF	3.5	R	<b>74.0</b>	12.5	1	139.3	962	16
Brevant	B283EE GC ↗	E3	2.8	R	<b>73.9</b>	11.8	1	144.3	961	17
ProHarvest	31E37 ↗	E3	3.1	R	<b>73.6</b>	12.3	1	141.7	957	18
Apex	AE3340 ↗	E3	3.3	R	<b>73.5</b>	12.1	1	139.3	956	19
Zinesto	Z3803E ↗	E3	3.8	R	<b>73.5</b>	12.1	1	146.7	956	20
P3 Genetics	2433E ↗	E3	3.4	R	<b>73.3</b>	12.8	1	141.7	953	21
Apex	AE3131S ↗	E3,ST	3.1	R	<b>72.8</b>	12.2	1	144.0	946	22
NK Brand	NK28-P6XF § ↗	RXF	2.8	MR	<b>72.7</b>	11.8	1	139.3	945	23
Dyna-Gro	S35XF44 ↗	RXF	3.5	R	<b>72.7</b>	12.3	1	139.0	945	24
FS HiSOY	HS 38E20 ↗	E3,ST	3.8	R	<b>72.2</b>	12.9	1	141.7	939	25
Xitavo	XO 3752E ↗	E3,ST	3.7	R	<b>72.1</b>	12.3	1	146.7	937	26
FS HiSOY	HS 38F20 ↗	RXF	3.8	R	<b>72.0</b>	12.4	1	134.0	936	27
Stine	38EG32 § ↗	E3	3.8	R	<b>71.9</b>	12.5	1	142.0	935	28
Genesis	G2780E ↗	E3	2.7	R	<b>71.8</b>	12.3	1	136.7	933	29
Dyna-Gro	S35ES82 ↗	E3,ST	3.5	MR	<b>71.5</b>	12.9	1	139.3	930	30

*Nathan Roux*

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Averages = **69.9** **12.3** **1** **138.6** **909**

LSD (0.10) = 4.9 0.5 ns

LSD (0.25) = 2.6 0.2 ns

C.V. = 6.7

Historic yield: 59.3 bu/a, 22 yr(s)

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

Report Date: 11/05/2023

† 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

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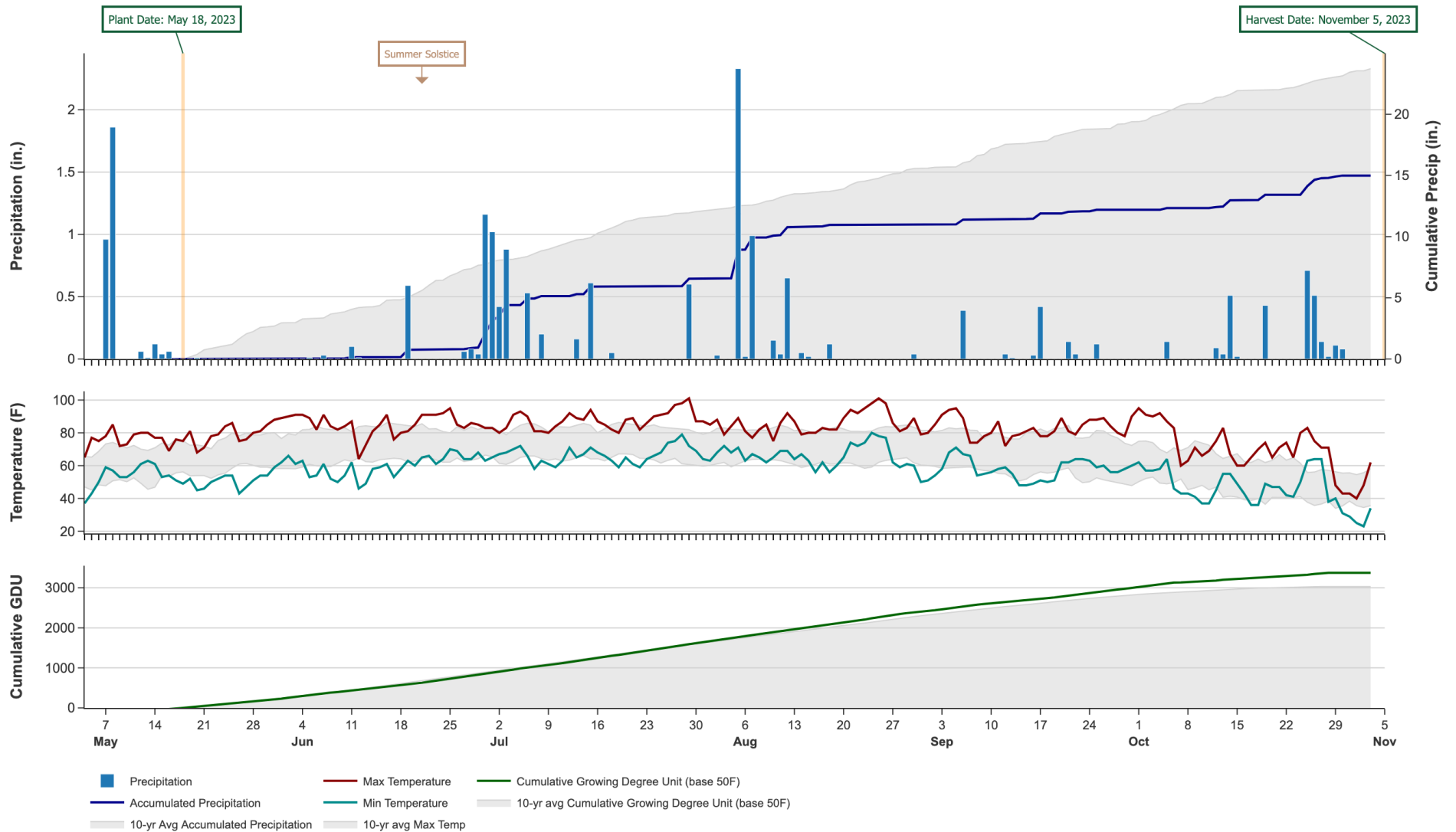
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# 2023 Soybeans - Illinois North Central [ ILNC ]

## Weather Conditions Summary at MACOMB, IL

Weather Data Retrieved: 11/05/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   (Diff)	3.1   5.2 (-2.0)	2.1   5.0 (-2.9)	4.5   4.4 (+0.1)	4.4   3.5 (+1.0)	1.2   3.8 (-2.6)	2.8   4.0 (-1.2)	0.0   0.3 (-0.3)	18.1   26.2 (-8.1)
GDU   Avg (Diff)	434   390 (+43)	650   674 (-24)	790   729 (+60)	762   680 (+81)	593   517 (+75)	375   212 (+162)	0   0 (0)	3604   3205 (+398)



\* 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 (78 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV 29A1E	E3	MR	2.9	F,I,SA
AgVenture	AV 34Y9E	E3	R	3.4	Lum,Lu,IL
AgVenture	AV 38A1E	E3	MR	3.8	Lum,Lu,Lud,IL
Apex	AE2940S	E3,ST	R	2.9	PU
Apex	AE3131S	E3,ST	R	3.1	PU
Apex	AE3340	E3	R	3.3	PU
Apex	AE3541	E3	R	3.5	PU
Apex	AE3720S	E3,ST	R	3.7	PU
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG35XF1 §	RXF	R	3.5	ACi,IL
Brevant	B283EE GC	E3	R	2.8	Lum,Lu,Lud,IL
Brevant	B310EE GC	E3	R	3.1	Lum,Lu,IL
Brevant	B342EE GC	E3	R	3.4	Lum,Lu,IL
Burrus	3159E	E3	MR	3.1	BPS-SDS
Burrus	3875E	E3	R	3.8	BPS-SDS
DONMARIO	DM34E11	E3	R	3.4	BPS-SDS
Dyna-Gro	S35ES82	E3,ST	MR	3.5	EQV,Sa,Va
Dyna-Gro	S35XF44	RXF	R	3.5	EQ,VA,Sa
Dyna-Gro	S37ES52	E3,ST	R	3.7	EQV,Sa,Va
Dyna-Gro	S37XF33	RXF	MR	3.7	EQV,Sa,Va
FS HiSOY	HS 31E20	E3,ST	R	3.1	ACi,SA
FS HiSOY	HS 32E30	E3	R	3.2	ACi,SA
FS HiSOY	HS 32F10	RXF	R	3.2	ACi,SA
FS HiSOY	HS 34F30	RXF	R	3.4	ACi,SA
FS HiSOY	HS 35E10	E3	R	3.5	ACi,SA
FS HiSOY	HS 37E10	E3,ST	R	3.7	ACi,SA
FS HiSOY	HS 38E20	E3,ST	R	3.8	ACi,SA
FS HiSOY	HS 38F20	RXF	R	3.8	ACi,SA
Genesis	G2780E	E3	R	2.7	EcQ,NF,NH,SA
Genesis	G2960E	E3	R	2.9	EcQ,NF,NH,SA
Genesis	G3171ES	E3,ST	R	3.1	EcQ,NF,NH,SA
Genesis	G3460E	E3	R	3.4	EcQ,NF,NH,SA
Golden Harvest	GH3442XF §	RXF	MR	3.4	CMB-APX,SA
Golden Harvest	GH3693E3S	E3,ST	R	3.6	CMB-APX,SA
Golden Harvest	GH3724XFS	RXF,ST	MR	3.7	CMB-APX,SA
Golden Harvest	GH3774E3	E3	R	3.7	CMB-APX,SA
Martin	M302-E3	E3,ST	MR	3.0	EcQ,NF,NH,SA
Martin	M31-XF	RXF	MR	3.1	EcQ,NF,NH
Martin	M33-XF	RXF	MR	3.3	EcQ,NF,NH
Martin	M362-E3	E3,ST	MR	3.6	EcQ,NF,NH,SA
NK Brand	NK28-B9E3S §	E3,ST	MR	2.8	CMB-APX,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NK Brand	NK28-P6XF §	RXF	MR	2.8	CMB-APX,SA
NK Brand	NK33-W2E3S	E3,ST	R	3.3	CMB-APX,SA
NK Brand	NK37-B7XFS	RXF,ST	MR	3.7	CMB-APX,SA
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	29N04E	E3	R	2.9	Lum,Lu,IL
NuTech	31N07E	E3	R	3.1	Lum,Lu,IL
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
P3 Genetics	2337E	E3	R	3.7	PG+
P3 Genetics	2433E	E3	R	3.4	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	31E37	E3	R	3.1	PU
ProHarvest	37E41S	E3,ST	R	3.7	PU
Purple Ribbon	28E22	E3	MR	2.8	CMB
Purple Ribbon	31E23	E3	MR	3.1	CMB
Purple Ribbon	33E23	E3	MR	3.3	CMB
Renk	RS353NXF	RXF	R	3.5	Treated
Stine	37EG23 §	E3	R	3.7	ACi
Stine	37FD02 §	RXF	R	3.7	ACi
Stine	38EG32 §	E3	R	3.8	ACi
Stone	2XF3144	RXF	R	3.1	ACi,IL
Xitavo	XO 2832E	E3	R	2.8	PV,IL,OB,Rey
Xitavo	XO 2963E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	R	3.0	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	R	3.2	PV,IL,OB,Rey
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
Zinesto	Z3203E	E3	R	3.2	DST5
Zinesto	Z3303E	E3	R	3.3	DST5
Zinesto	Z3501E	E3	R	3.5	DST5
Zinesto	Z3803E	E3	R	3.8	DST5

## 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, Salstro®
BPS-SDS	Burrus PowerShield® SDS
CMB	CruiserMaxx® Beans
CMB-APX,SA	CruiserMaxx® APX with Salstro®
DST5	Dominance 5 ST
EcQ,NF,NH	Eclipse US Total Quad-R, N-Force, N-Hibit
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Salstro
EQ,VA,Sa	Equity VAYO, Salstro®
EQV,Sa,Va	Equity VIP, Salstro®, Vayantis®
F,I,SA	Fungicide, Insecticide, Salstro®
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.