

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

2023 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] HENRY, IL
Kevin Knapp, Putnam County, IL 61336

All-Season Test	Maturity Group 2.8 - 3.8 S2023ILNC13
Top 30 of 78	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn, 2+ Yr / Lexar, Halex Gt, Atrazine
SOIL DESCRIPTION:	Oscos, Sable silt loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.2 pH, 3.6% OM, 16.9 CEC
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Liberty, Enlist One, Miravis Neo, Steed, Fs Talent
FERTILITY - Applied N:	VRT DAP and Potash
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 6 160.0 /A 15" spacing
HARVESTED - STAND:	Nov 4 134.6 /A

TEST COMMENTS:

This location was planted in ideal soil conditions with plenty of moisture and heat making for outstanding emergence. This plot had very good growing conditions most of the season mixed with some very good farming practices and made an awesome yielding plot. Plants were tall and filled with pod clusters starting very low on the stem and going the entire way to the tip of the stem. Medium to large seed size was noted across this location. All of the lodging scored was due to the large vegetative growth in some of the varieties laying them over. Harvest of this plot was very slow, as some areas of the plot still had some green stem holding on. A very healthy, great looking, and great performing plot.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	37EG23 § ↗	E3	3.7	R	94.8	13.1	5	139.3	1232	1
Apex	AE3131S ↗	E3,ST	3.1	R	94.6	12.4	1	121.7	1230	2
Martin	M302-E3 ↗	E3,ST	3.0	MR	94.6	12.4	2	139.0	1230	3
Martin	M362-E3 ↗	E3,ST	3.6	MR	93.9	12.5	5	134.0	1221	4
NuTech	31N07E ↗	E3	3.1	R	92.7	11.4	3	140.5	1205	5
Xitavo	XO 2963E ↗	E3	2.9	R	91.6	12.7	6	144.3	1191	6
Purple Ribbon	31E23 ↗	E3	3.1	MR	91.2	11.9	2	136.7	1186	7
Dyna-Gro	S35XF44 ↗	RXF	3.5	R	91.2	11.7	4	137.0	1186	8
FS HiSOY	HS 34F30 ↗	RXF	3.4	R	91.1	12.5	2	141.7	1184	9
Stine	38EG32 § ↗	E3	3.8	R	90.8	12.7	2	137.0	1180	10
Burrus	3159E ↗	E3	3.1	MR	90.5	13.0	6	137.0	1176	11
Pioneer	P37A18E § ↗	E3	3.7	MR	90.4	12.5	1	126.7	1175	12
Xitavo	XO 3224E ↗	E3	3.2	R	90.4	12.6	2	137.0	1175	13
Genesis	G3171ES ↗	E3,ST	3.1	R	90.1	12.1	2	137.0	1171	14
AgVenture	AV 29A1E ↗	E3	2.9	MR	90.0	12.3	1	136.7	1170	15
NuTech	34N02E ↗	E3	3.4	R	89.5	12.4	4	129.3	1164	16
Xitavo	XO 2832E ↗	E3	2.8	R	89.4	12.7	3	139.0	1162	17
FS HiSOY	HS 35E10 ↗	E3	3.5	R	89.2	12.5	6	124.3	1160	18
Zinesto	Z3203E ↗	E3	3.2	R	89.0	12.1	4	149.7	1157	19
Golden Harvest	GH3442XF § ↗	RXF	3.4	MR	89.0	12.3	4	139.3	1157	20
Golden Harvest	GH3774E3 ↗	E3	3.7	R	88.8	12.0	1	131.7	1154	21
Apex	AE2940S ↗	E3,ST	2.9	R	88.4	12.2	3	139.3	1149	22
NK Brand	NK28-B9E3S § ↗	E3,ST	2.8	MR	88.0	12.1	5	141.7	1144	23
Genesis	G3460E ↗	E3	3.4	R	88.0	12.8	10	124.3	1144	24
Renk	RS353NXF ↗	RXF	3.5	R	87.6	12.2	3	124.3	1139	25
NuTech	29N02E ↗	E3	2.9	R	87.6	12.0	5	134.3	1139	26
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	87.5	12.2	1	146.7	1138	27
Zinesto	Z3501E ↗	E3	3.5	R	87.1	13.1	4	141.7	1132	28
Genesis	G2780E ↗	E3	2.7	R	87.1	12.5	4	144.0	1132	29
Dyna-Gro	S37XF33 ↗	RXF	3.7	MR	87.0	12.3	2	126.7	1131	30

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Averages = **85.9** **12.5** **4** **134.6** **1116**

LSD (0.10) = 5.4 0.4 3

LSD (0.25) = 2.8 0.2 2

C.V. = 6.0

Historic yield: 68.55 bu/a, 4 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$13.00

Report Date: 11/04/2023

† 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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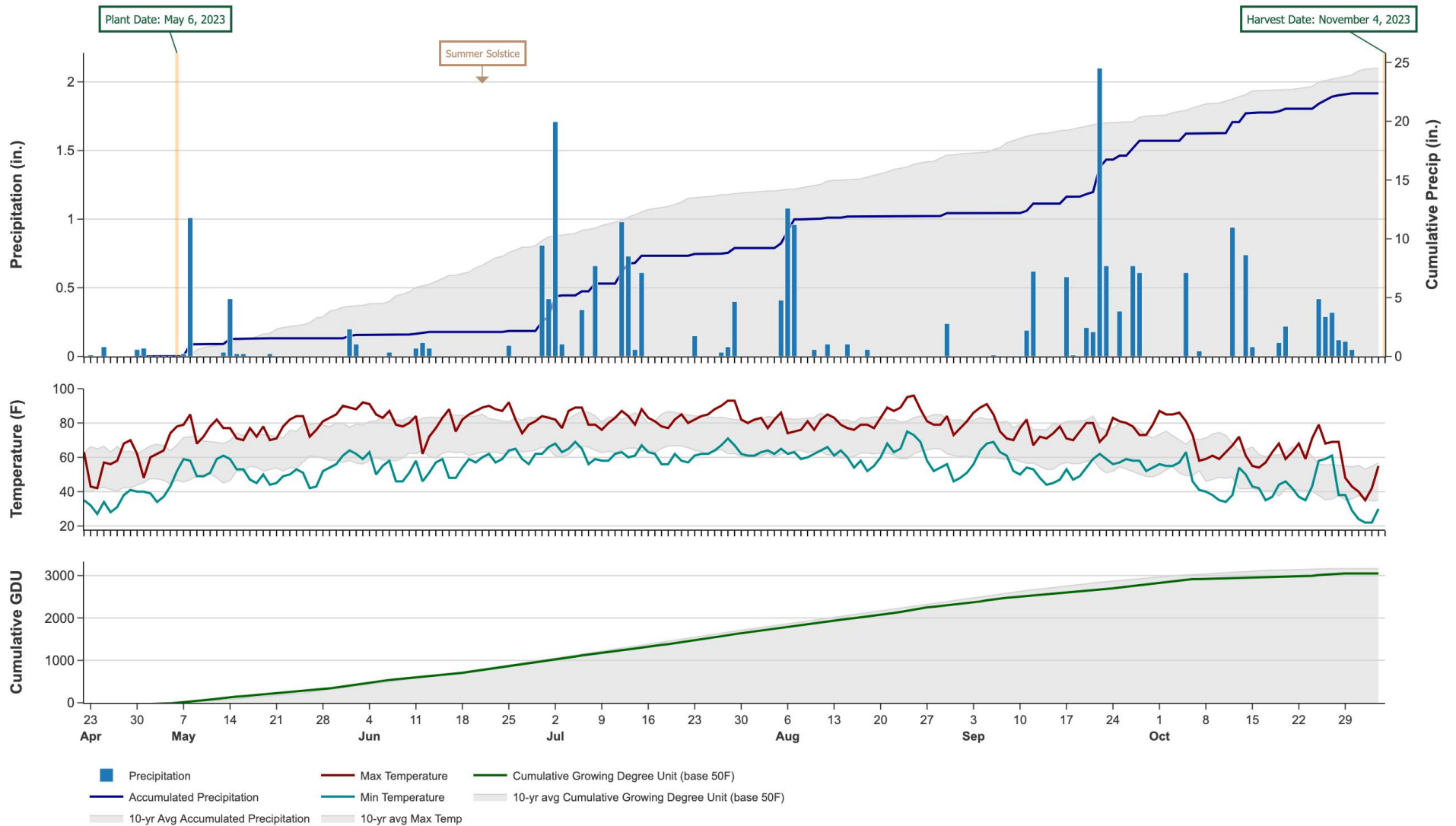
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2023 Soybeans - Illinois North Central [ILNC]

Weather Conditions Summary at HENRY, IL

Weather Data Retrieved: 11/04/2023

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) (Diff)	0.1 1.5 (-1.4)	1.6 5.1 (-3.5)	1.4 5.7 (-4.2)	6.2 4.2 (+2.1)	3.0 3.2 (-0.2)	6.2 3.4 (+2.8)	4.0 3.8 (+0.3)	0.0 0.2 (-0.2)	22.6 26.9 (-4.4)
GDU Avg (Diff)	25 63 (-38)	418 395 (+22)	585 656 (-71)	693 730 (-37)	651 693 (-42)	488 526 (-38)	250 207 (+42)	0 0 (0)	3110 3273 (-163)



* 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

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

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.