

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

2023 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 S2023ILSC18
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Lexar Ez, Aatrex, 41% Glyphosate
SOIL DESCRIPTION:	Drummer, Flanagan silty clay loam, mod. well drained, non- irrigated
SOIL CONDITION:	very high P, very high K, 6.4 pH, 3.8% OM, 20.8 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Zidua Pro, Roundup, Amsol Plus, Liberty
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 17 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 24 127.2 /A

TEST COMMENTS:

This location was planted in good soil conditions with enough ground moisture to get the plants to emerge well. It turned dry shortly after like many locations we have seen, which made for a slow start to the vegetative growth. Going into July and August rains were either 0.1" or 3" Curt said. Plants were standing very well and had pods to the very tip of the stalk with mainly 3 seed pods across the field. Some SDS was present that did seem to affect a few areas but was minor, a handful of varieties still had some green stems present. Overall a very nice plot.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Heart	GT-3967XF ↗	RXF	3.9	R	84.0	9.8	1	119.0	1092	1
AgVenture	AV 39Y3E ↗	E3	3.9	MR	82.9	9.8	1	129.3	1078	2
Asgrow	AG33XF3 § ↗	RXF	3.3	R	82.7	10.0	1	114.3	1075	3
DONMARIO	DM36F84S ↗	RXF,ST	3.6	R	82.5	10.1	1	126.7	1072	4
Cornelius	CB37XF70 ↗	RXF	3.7	R	82.2	10.1	1	134.0	1069	5
NuTech	34N02E ↗	E3	3.4	R	82.2	10.3	1	126.7	1069	6
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	82.1	10.3	1	119.3	1067	7
Stone	2XF3843 ↗	RXF	3.8	R	81.7	10.0	1	106.3	1062	8
Great Heart	GT-4005ES ↗	E3,ST	4.0	R	81.4	10.1	1	121.3	1058	9
Dyna-Gro	S37ES2 ↗	E3,ST	3.7	R	81.4	9.7	1	126.7	1058	10
Stine	38EG32 § ↗	E3	3.8	R	81.3	9.9	1	134.3	1057	11
Lewis	3932XF ↗	RXF	3.9	R	81.2	10.6	1	124.0	1056	12
FS HiSOY	HS 35E10 ↗	E3	3.5	R	81.1	10.0	1	131.7	1054	13
Apex	AE3720S ↗	E3,ST	3.7	R	80.9	9.9	1	134.3	1052	14
Golden Harvest	GH4214E3S § ↗	E3,ST	4.2	MR	80.7	10.3	1	139.3	1049	15
FS HiSOY	HS 39E10 ↗	E3	3.9	R	80.7	10.5	1	119.3	1049	16
Stine	37FD02 § ↗	RXF	3.7	R	80.7	10.0	1	134.0	1049	17
Dyna-Gro	S42XF93S ↗	RXF,ST	4.2	MR	80.6	10.1	1	136.7	1048	18
Golden Harvest	GH4093E3 § ↗	E3	4.0	R	80.4	10.1	1	136.7	1045	19
NK Brand	NK42-A6E3S ↗	E3,ST	4.2	MR	80.3	10.4	1	119.3	1044	20
NuTech	39N07E ↗	E3	3.9	R	80.2	9.6	1	119.0	1043	21
DONMARIO	DM34E11 ↗	E3	3.4	R	80.2	10.2	1	114.3	1043	22
FS HiSOY	HS 42F10 ↗	RXF	4.2	R	80.1	10.2	1	126.7	1041	23
Xitavo	XO 4084E ↗	E3,ST	4.0	R	79.9	10.7	1	136.7	1039	24
Pioneer	P37A18E § ↗	E3	3.7	MR	79.7	9.9	1	106.0	1036	25
NK Brand	NK39-J2E3 ↗	E3	3.9	MR	79.6	10.3	1	136.7	1035	26
Martin	M33-XF GC ↗	RXF	3.3	MR	79.6	10.1	1	124.3	1035	27
Pioneer	P31A73E § ↗	E3	3.1	R	79.5	10.2	1	124.0	1034	28
Stine	40FD29 § ↗	RXF	4.0	R	79.3	9.9	1	126.7	1031	29
Burrus	3966E ↗	E3	3.9	R	79.3	10.2	1	129.3	1031	30

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Averages = **77.8** **10.1** **1** **127.2** **1012**

LSD (0.10) = 4.8 0.3 ns

LSD (0.25) = 2.5 0.2 ns

C.V. = 5.9

Historic yield: 55.9 bu/a, 22 yr(s)

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

Report Date: 10/24/2023

† 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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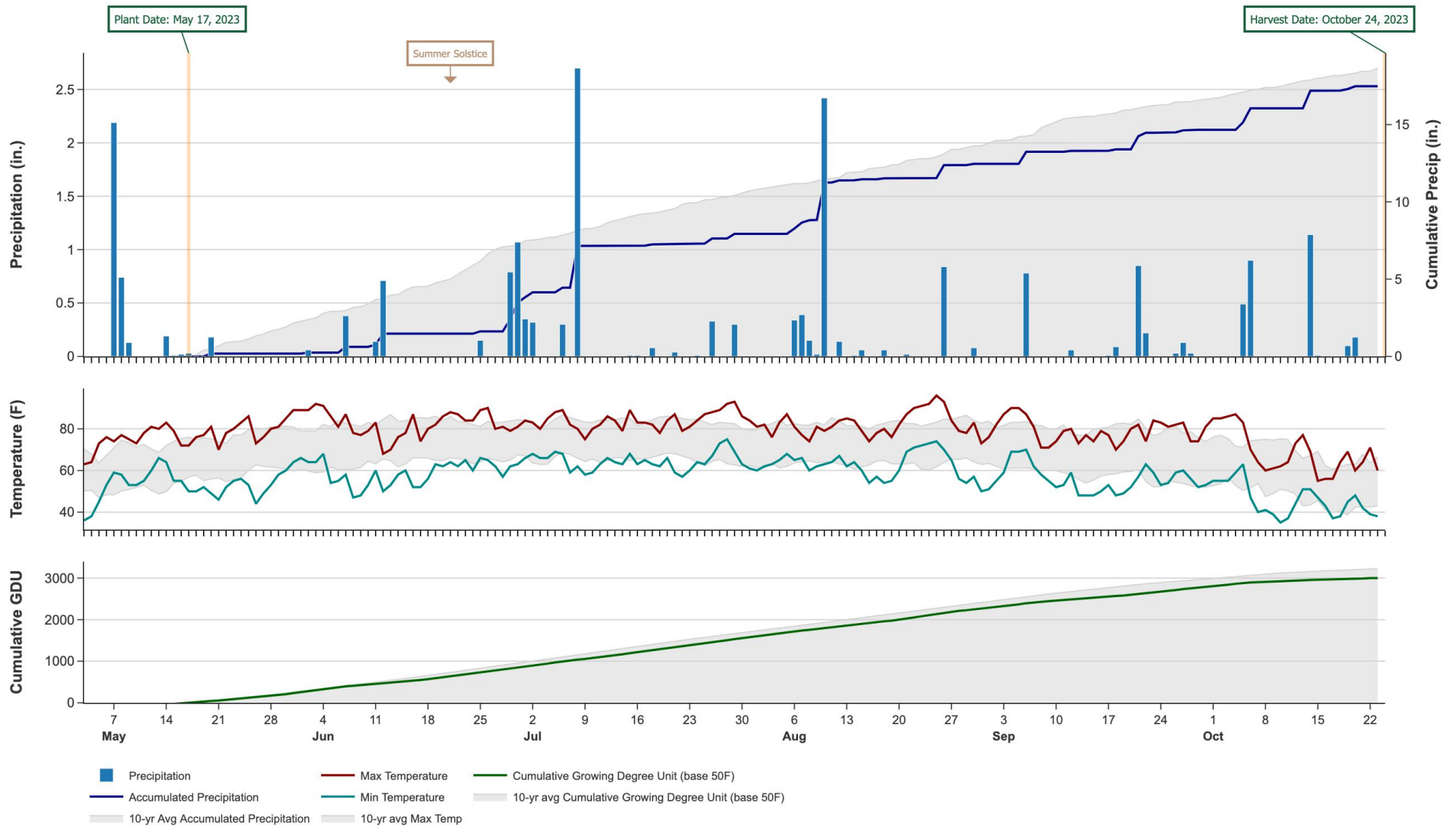
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2023 Soybeans - Illinois South Central [ILSC]

Weather Conditions Summary at TUSCOLA, IL

Weather Data Retrieved: 10/24/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	3.5 4.3 (-0.8)	3.3 5.0 (-1.7)	4.5 3.5 (+0.9)	4.5 2.9 (+1.6)	2.2 3.0 (-0.8)	2.8 2.0 (+0.8)	20.8 20.8 (0.0)
GDU Avg (Diff)	458 425 (+32)	610 698 (-88)	736 757 (-21)	679 710 (-31)	522 566 (-44)	220 236 (-16)	3225 3395 (-170)



* 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 (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

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, 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

* Seed treatments may include unspecified plant health promoting components.