

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

2023 Soybeans Top 30 Harvest Report

Illinois North [ILNO] THOMSON, IL
Hook Farms, Dustin Hook, Carroll County, IL

All-Season Test	Maturity Group 2.4 - 3.3 S2023ILNO12
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Roundup, Trivapro (2)
SOIL DESCRIPTION:	Littleton/Worthen silt loam, well drained, irrigated
SOIL CONDITION:	medium P, very high K, 6.5 pH, 3.8% OM, 13.7 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Matador, Flexstar Gt, Liberty, Veltyma, Crusader
FERTILITY - Applied N:	18 Fall
Applied N-P-K (units):	18-46-60
SEDED - RATE - ROW:	May 20 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 18 125.3 /A

TEST COMMENTS:

Plot was planted late in May and there was not much help rainfall-wise to help the plot get going. Emergence was all over the place a month later. It was interesting to see how the plants compensated for the missing stands. Stems were large and the plants had a good number of pods. There was some evidence of SDS in areas of the plot. Seed size was larger than average, helping to add to the yield.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P28A65E § ↗	E3	2.8	R	80.9	14.6	5	128.3	1092	1
AgriGold	G2820XF GC ↗	RXF	2.8	R	79.5	15.0	17	114.0	1073	2
Dyna-Gro	S29EN62 ↗	E3	2.9	R	77.6	14.8	23	122.7	1048	3
Asgrow	AG30XF4 § ↗	RXF	3.0	R	76.9	14.9	4	125.7	1038	4
Xitavo	XO 3224E ↗	E3	3.2	R	74.9	13.3	15	125.3	1011	5
Dyna-Gro	S31EN14 ↗	E3	3.1	R	74.9	14.8	9	111.7	1011	6
Apex	AE3131S ↗	E3,ST	3.1	R	74.5	14.4	6	150.3	1006	7
Brevant	B283EE GC ↗	E3	2.8	R	73.1	14.7	9	133.7	987	8
Genesis	G2480E ↗	E3	2.4	R	72.4	14.7	7	100.3	977	9
Pioneer	P29A19E § ↗	E3	2.9	MR	71.4	14.8	14	108.3	964	10
Zinesto	Z2604E ↗	E3	2.6	R	70.2	14.6	23	111.7	948	11
NuTech	27N06E ↗	E3	2.7	R	69.5	14.0	9	128.3	938	12
Stine	24FD32 § ↗	RXF	2.4	R	68.6	14.6	11	123.0	926	13
Stine	28EG29 § ↗	E3	2.8	R	68.6	14.6	34	128.0	926	14
Golden Harvest	GH2884XF § ↗	RXF	2.8	MR	68.4	14.4	9	114.7	923	15
Stine	27EG22 § ↗	E3	2.7	R	68.3	14.6	22	125.7	922	16
P3 Genetics	2429E ↗	E3	2.9	R	67.6	14.5	5	133.7	913	17
Xitavo	XO 2832E ↗	E3	2.8	R	67.6	14.4	9	133.7	913	18
NuTech	24N05E ↗	E3	2.4	R	66.9	14.2	6	131.3	903	19
Stone	2XF2544 ↗	RXF	2.5	R	66.7	14.4	29	105.7	900	20
Stone	2XF2944 ↗	RXF	2.9	R	66.4	14.4	7	122.7	896	21
Zinesto	Z2504E ↗	E3	2.5	R	65.8	14.6	12	128.3	888	22
FS HISOY	HS 31E20 ↗	E3,ST	3.1	R	65.7	14.8	13	125.3	887	23
Genesis	G3171ES ↗	E3,ST	3.1	R	65.5	14.5	2	128.0	884	24
P3 Genetics	2331E ↗	E3	3.1	R	65.3	14.6	6	136.7	882	25
Apex	AE2740 GC ↗	E3	2.7	R	65.2	14.8	15	125.7	880	26
Zinesto	Z2700E ↗	E3	2.7	R	64.7	15.0	19	122.7	873	27
AgriGold	G2951E3 GC ↗	E3	2.9	R	64.6	14.4	4	128.3	872	28
Zinesto	Z3104E ↗	E3	3.1	R	64.4	14.4	8	139.3	869	29
Pioneer	P31A73E § ↗	E3	3.1	R	64.2	15.1	19	142.3	867	30

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Averages = **63.5** **14.5** **12** **125.3** **857**

LSD (0.10) = 6.7 ns 8

LSD (0.25) = 3.5 ns 4

C.V. = 10.0 Historic yield: new site

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.50

Report Date: 10/18/2023

† 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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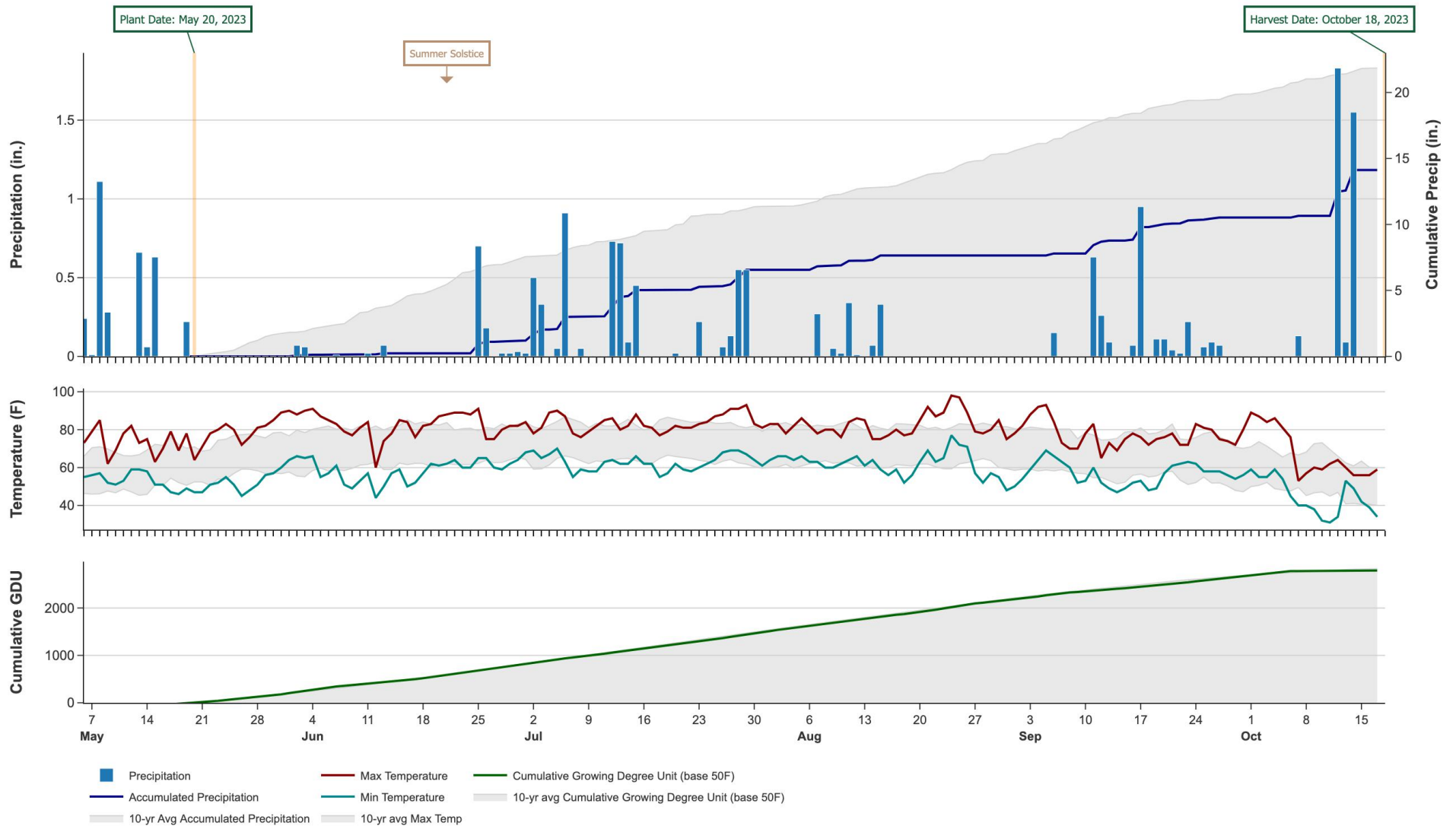
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2023 Soybeans - Illinois North [ILNO]

Weather Conditions Summary at THOMSON, IL

Weather Data Retrieved: 10/18/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	3.2 3.7 (-0.5)	1.2 5.6 (-4.5)	5.4 4.0 (+1.4)	1.1 4.0 (-2.9)	2.9 4.5 (-1.6)	3.6 2.0 (+1.6)	17.3 23.8 (-6.5)
GDU Avg (Diff)	379 325 (+53)	608 630 (-22)	704 719 (-15)	672 673 (-1)	502 491 (+10)	125 141 (-16)	2990 2982 (+7)



* 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 North [ILNO]

All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G2820XF GC	RXF	R	2.8	ASfi,SA
AgriGold	G2951E3 GC	E3	R	2.9	ASfi,SA
Apex	AE2740 GC	E3	R	2.7	PU
Apex	AE2940S	E3,ST	R	2.9	PU
Apex	AE3131S	E3,ST	R	3.1	PU
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG28XF3 GC	RXF	R	2.8	ACi,IL
Asgrow	AG30XF4 §	RXF	R	3.0	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Brevant	B283EE GC	E3	R	2.8	Lum,Lu,Lud,IL
Cornelius	CB29XF44	RXF	R	2.9	PG+
DONMARIO	DM24E23	E3	R	2.4	BPS-SDS
DONMARIO	DM27E34	E3	R	2.7	BPS-SDS
Dyna-Gro	S25EN74	E3	R	2.5	EQ,VA,Sa
Dyna-Gro	S25XF64	RXF	R	2.5	EQV,Sa,Va
Dyna-Gro	S29EN62	E3	R	2.9	EQV,Sa,Va
Dyna-Gro	S31EN14	E3	R	3.1	EQV,Sa,Va
FS HiSOY	HS 24E30	E3	R	2.4	ACi,SA
FS HiSOY	HS 24F00	RXF,ST	R	2.4	ACi,SA
FS HiSOY	HS 25E30	E3	R	2.5	ACi,SA
FS HiSOY	HS 26E20	E3	R	2.6	ACi,SA
FS HiSOY	HS 27E30	E3	R	2.7	ACi,SA
FS HiSOY	HS 30E20	E3	R	3.0	ACi,SA
FS HiSOY	HS 31E20	E3,ST	R	3.1	ACi,SA
FS HiSOY	HS 32E30	E3	R	3.2	ACi,SA
Genesis	G2480E	E3	R	2.4	EcQ,NF,NH,SA
Genesis	G2570ES	E3,ST	R	2.5	EcQ,NF,NH,SA
Genesis	G2780E	E3	R	2.7	EcQ,NF,NH,SA
Genesis	G3171ES	E3,ST	R	3.1	EcQ,NF,NH,SA
Golden Harvest	GH2884XF §	RXF	MR	2.8	CMB-APX,SA
Golden Harvest	GH3023XF	RXF	R	3.0	CMB-APX,SA
Golden Harvest	GH3043E3 §	E3	R	3.0	CMB-APX,SA
NK Brand	NK26-M6E3 §	E3	MR	2.6	CMB-APX,SA
NK Brand	NK28-B9E3S	E3,ST	MR	2.8	CMB-APX,SA
NK Brand	NK28-P6XF	RXF	MR	2.8	CMB-APX,SA
NK Brand	NK33-W2E3S	E3,ST	R	3.3	CMB-APX,SA
NuTech	24N05E	E3	R	2.4	Lum,Lu,IL
NuTech	25N04E	E3	R	2.5	Lum,Lu,IL
NuTech	27N03E	E3	R	2.7	Lum,Lu,IL
NuTech	27N06E	E3	R	2.7	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	29N04E	E3	R	2.9	Lum,Lu,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	31N07E	E3	R	3.1	Lum,Lu,IL
NuTech	33N04E	E3	R	3.3	Lum,Lu,IL
P3 Genetics	2331E	E3	R	3.1	PG+
P3 Genetics	2429E	E3	R	2.9	PG+
Pioneer	P25A16E GC	E3	R	2.5	Lum, LumT, IL
Pioneer	P28A65E §	E3	R	2.8	Lum, LumT, IL
Pioneer	P29A19E §	E3	MR	2.9	Lum,Lu,Lud,IL
Pioneer	P31A73E §	E3	R	3.1	Lum, LumT, IL
Purple Ribbon	28E22	E3	MR	2.8	CMB
Purple Ribbon	31E23	E3	MR	3.1	CMB
Purple Ribbon	33E23	E3	MR	3.3	CMB
Stine	24FD32 §	RXF	R	2.4	ACi
Stine	27EG22 §	E3	R	2.7	ACi
Stine	28EG29 §	E3	R	2.8	ACi
Stone	2XF2544	RXF	R	2.5	ACi,IL
Stone	2XF2944	RXF	R	2.9	ACi,IL
Xitavo	XO 2444E	E3,ST	R	2.4	PV,IL,OB,Rey
Xitavo	XO 2501E GC	E3	R	2.5	PV,IL,OB,Rey
Xitavo	XO 2613E	E3	R	2.6	PV,IL,OB,Rey
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
Zinesto	Z2404E	E3	R	2.4	DST5
Zinesto	Z2503E	E3	R	2.5	DST5
Zinesto	Z2504E	E3	R	2.5	DST5
Zinesto	Z2604E	E3	R	2.6	DST5
Zinesto	Z2700E	E3	R	2.7	DST5
Zinesto	Z2902E	E3	NA	2.9	DST5
Zinesto	Z3104E	E3	R	3.1	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, Saltro®
ASfi,SA	AgriShield Max with Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMB	CruiserMaxx® Beans
CMB-APX,SA	CruiserMaxx® APX with Saltro®
DST5	Dominance 5 ST
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
EQ,VA,Sa	Equity VAYO, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis®
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®

* Seed treatments may include unspecified plant health promoting components.