

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

2023 Soybeans Top 30 Harvest Report

Illinois North [ILNO] SENECA, IL
Dave Thorsen, Grundy County, IL

All-Season Test	Maturity Group 2.4 - 3.3 S2023ILNO09
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Halex Gt
SOIL DESCRIPTION:	Chenoa silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.1 pH, 4.3% OM, 18.4 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Verdict, Zidua, Liberty, Miravis Neo, Endigo
FERTILITY - Applied N:	29 Fall
Applied N-P-K (units):	29-74-120
SEEDED - RATE - ROW:	May 21 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 22 108.5 /A

TEST COMMENTS:

Plot was planted in really dry conditions and was no-till on top of it. We tried to plant almost 2" deep to achieve moisture but that was almost impossible. There were plants that emerged within a few days and some that emerged almost 30 days later after a good soaking rain. Plants were shorter than normal this year. I think the early season stress really limited the yield potential of most varieties.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stone	2XF2944 ↗	RXF	2.9	R	74.9	14.1	3	94.7	1011	1
FS HiSOY	HS 24E30 ↗	E3	2.4	R	73.3	13.5	2	114.3	990	2
Purple Ribbon	31E23 ↗	E3	3.1	MR	68.9	14.1	9	97.3	930	3
NuTech	29N04E ↗	E3	2.9	R	67.8	13.6	2	114.3	915	4
Xitavo	XO 3224E ↗	E3	3.2	R	67.5	14.1	4	111.3	911	5
Purple Ribbon	28E22 ↗	E3	2.8	MR	67.4	13.5	7	111.3	910	6
P3 Genetics	2429E ↗	E3	2.9	R	66.2	13.7	3	100.3	894	7
Asgrow	AG27XF3 § ↗	RXF	2.7	R	66.0	13.5	5	86.3	891	8
Apex	AE3131S ↗	E3,ST	3.1	R	65.0	14.3	13	122.7	878	9
Stine	27EG22 § ↗	E3	2.7	R	65.0	13.5	2	114.3	878	10
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	64.7	15.1	9	94.7	873	11
Xitavo	XO 2963E ↗	E3	2.9	R	64.4	13.9	6	119.7	869	12
NuTech	33N04E ↗	E3	3.3	R	64.3	14.0	7	111.7	868	13
DONMARIO	DM27E34 ↗	E3	2.7	R	64.3	13.7	6	108.3	868	14
FS HiSOY	HS 26E20 ↗	E3	2.6	R	64.1	13.5	2	97.3	865	15
Asgrow	AG33XF3 § ↗	RXF	3.3	R	63.8	14.2	9	94.7	861	16
AgriGold	G2951E3 GC ↗	E3	2.9	R	63.4	15.0	7	106.0	856	17
NuTech	25N04E ↗	E3	2.5	R	63.0	13.7	4	92.0	850	18
Purple Ribbon	33E23 ↗	E3	3.3	MR	62.5	13.6	3	114.3	844	19
Dyna-Gro	S25XF64 ↗	RXF	2.5	R	62.3	13.9	3	95.0	841	20
Cornelius	CB29XF44 ↗	RXF	2.9	R	62.2	13.8	5	108.7	840	21
Asgrow	AG28XF3 GC ↗	RXF	2.8	R	62.1	13.7	13	92.0	838	22
NuTech	31N07E ↗	E3	3.1	R	62.0	13.6	2	120.0	837	23
Pioneer	P28A65E § ↗	E3	2.8	R	61.5	13.8	1	114.3	830	24
Stine	28EG29 § ↗	E3	2.8	R	61.2	13.5	3	136.3	826	25
NK Brand	NK28-B9E3S ↗	E3,ST	2.8	MR	61.2	13.5	9	94.7	826	26
Genesis	G3171ES ↗	E3,ST	3.1	R	61.1	14.2	14	117.0	825	27
Golden Harvest	GH2884XF § ↗	RXF	2.8	MR	61.1	13.5	6	97.7	825	28
AgriGold	G2820XF GC ↗	RXF	2.8	R	61.1	13.9	9	120.0	825	29
Asgrow	AG30XF4 § ↗	RXF	3.0	R	60.9	14.1	4	108.7	822	30

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Averages = **60.1** **13.8** **7** **108.5** **811**

LSD (0.10) = 5.0 ns ns

LSD (0.25) = 2.6 ns ns

C.V. = 7.9

Historic yield: 71.28 bu/a, 2 yr(s)

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

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

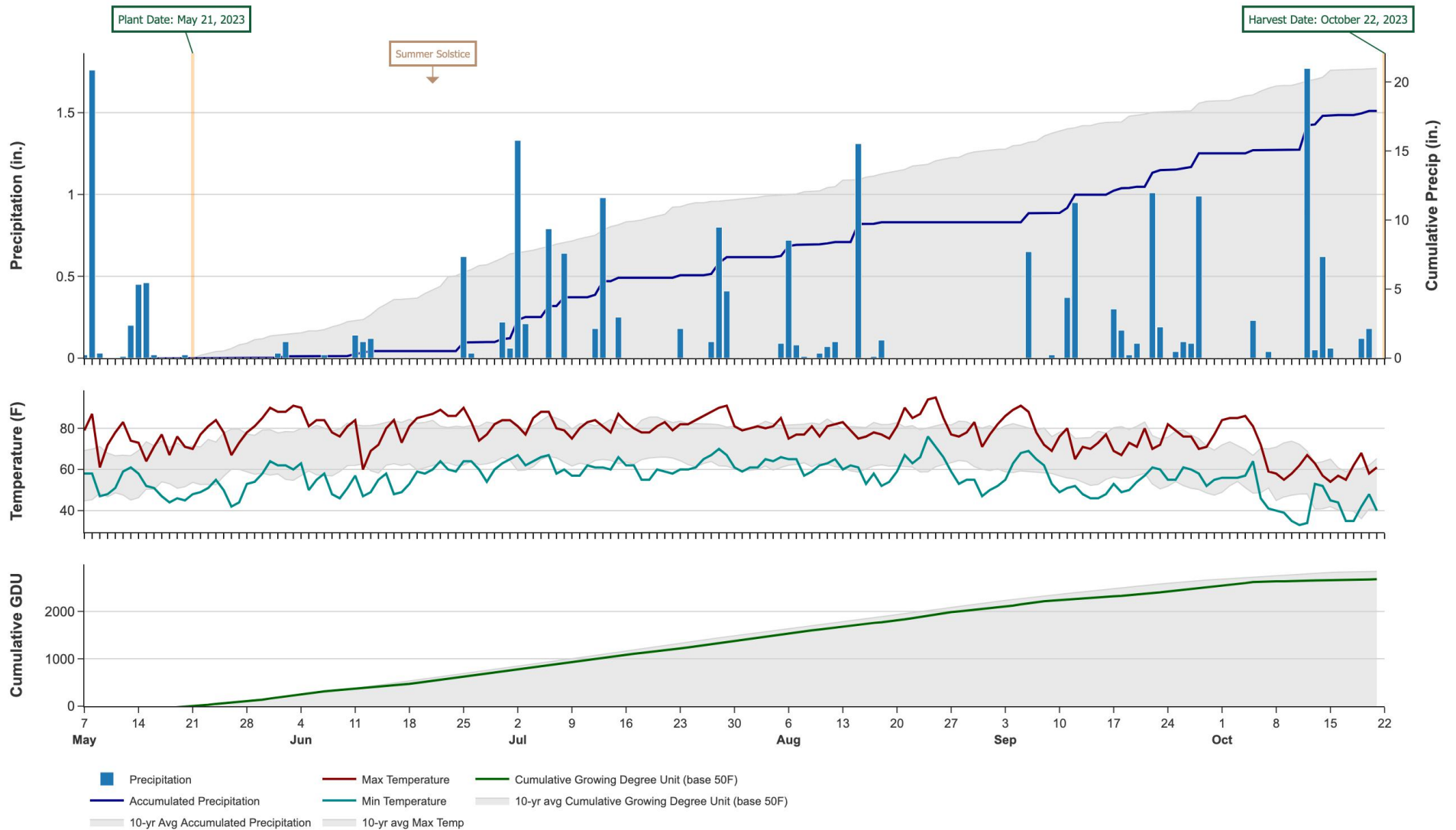
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2023 Soybeans - Illinois North [ILNO]

Weather Conditions Summary at SENECA, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	3.0 4.4 (-1.4)	1.4 5.6 (-4.3)	5.9 4.3 (+1.6)	2.5 3.5 (-1.0)	5.0 3.6 (+1.4)	3.1 2.4 (+0.7)	20.9 23.7 (-2.9)
GDU Avg (Diff)	362 325 (+36)	570 629 (-59)	676 707 (-31)	636 666 (-30)	469 500 (-31)	164 170 (-6)	2877 3000 (-123)



* 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.
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, Salstro®
ASfi,SA	AgriShield Max with Salstro®
BPS-SDS	Burrus PowerShield® SDS
CMB	CruiserMaxx® Beans
CMB-APX,SA	CruiserMaxx® APX with Salstro®
DST5	Dominance 5 ST
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®
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.