

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

2023 Soybeans Top 30 Harvest Report

Illinois North [ILNO] DIXON, IL
Joe Dunphy, Lee County, IL

All-Season Test	Maturity Group 2.4 - 3.3 S2023ILNO10
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Surestart, Roundup, Callisto
SOIL DESCRIPTION:	Nachusa/Orio silt loam, well drained, non-irrigated
SOIL CONDITION:	very high P, high K, 6.2 pH, 2.3% OM, 13.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Authority, Tricor, Roundup (2), Liberty, Dual, Miravis Neo, Hero
Applied N-P-K (units):	0-0-171
SEEDED - RATE - ROW:	May 20 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 23 129.9 /A

TEST COMMENTS:

Plot was planted in a dry no-till situation where it was hard to find moisture. Around 70% of the seed germinated right away, but the rest were left in dry dirt and some germinated in early July. The plants were all short and standing perfectly. There was evidence of SDS present throughout the plot area. Joe said his beans were yielding over 70 bu/ac in the field around the plot, but he was planted a couple of weeks ahead.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Asgrow	AG33XF3 § ↗	RXF	3.3	R	83.4	14.0	1	119.7	1126	1
NuTech	27N03E ↗	E3	2.7	R	79.0	13.6	1	122.7	1066	2
Stone	2XF2944 ↗	RXF	2.9	R	77.4	14.2	1	142.3	1045	3
Genesis	G3171ES ↗	E3,ST	3.1	R	76.9	13.9	1	119.7	1038	4
FS HiSOY	HS 25E30 ↗	E3	2.5	R	76.6	13.6	1	147.7	1034	5
Apex	AE3131S ↗	E3,ST	3.1	R	76.2	14.2	1	134.0	1029	6
Asgrow	AG28XF3 GC ↗	RXF	2.8	R	76.2	13.5	1	139.3	1029	7
NuTech	24N05E ↗	E3	2.4	R	74.9	14.3	1	145.0	1011	8
NuTech	31N07E ↗	E3	3.1	R	74.5	13.8	1	128.0	1006	9
Apex	AE2940S ↗	E3,ST	2.9	R	74.4	13.9	1	142.3	1004	10
AgriGold	G2951E3 GC ↗	E3	2.9	R	74.0	13.9	1	136.3	999	11
Zinesto	Z2604E ↗	E3	2.6	R	73.7	13.5	1	131.0	995	12
Genesis	G2570ES ↗	E3,ST	2.5	R	73.4	14.0	1	131.3	991	13
Purple Ribbon	28E22 ↗	E3	2.8	MR	73.4	14.1	1	122.7	991	14
Pioneer	P31A73E § ↗	E3	3.1	R	73.1	14.3	1	114.0	987	15
Purple Ribbon	33E23 ↗	E3	3.3	MR	73.0	13.9	1	145.0	986	16
Purple Ribbon	31E23 ↗	E3	3.1	MR	72.7	13.7	1	125.3	981	17
Xitavo	XO 2444E ↗	E3,ST	2.4	R	72.3	13.7	1	122.3	976	18
Xitavo	XO 2501E GC ↗	E3	2.5	R	71.9	14.0	1	125.3	971	19
Golden Harvest	GH3023XF ↗	RXF	3.0	R	71.9	13.8	1	133.7	971	20
Xitavo	XO 2613E ↗	E3	2.6	R	71.9	13.9	1	136.7	971	21
NK Brand	NK28-B9E3S ↗	E3,ST	2.8	MR	71.7	13.6	1	133.7	968	22
Zinesto	Z2503E ↗	E3	2.5	R	71.5	14.0	1	139.3	965	23
NuTech	33N04E ↗	E3	3.3	R	71.4	14.0	1	136.7	964	24
Pioneer	P29A19E § ↗	E3	2.9	MR	71.1	14.1	1	136.7	960	25
Xitavo	XO 3224E ↗	E3	3.2	R	70.8	14.6	1	125.3	956	26
Stine	24FD32 § ↗	RXF	2.4	R	70.6	13.8	1	103.0	953	27
AgriGold	G2820XF GC ↗	RXF	2.8	R	70.2	14.1	1	117.3	948	28
P3 Genetics	2331E ↗	E3	3.1	R	70.2	14.0	1	116.7	948	29
Golden Harvest	GH2884XF § ↗	RXF	2.8	MR	70.0	13.8	1	131.3	945	30

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Averages = **68.9** **14.0** **1** **129.9** **930**

LSD (0.10) = 6.3 0.3 ns

LSD (0.25) = 3.3 0.2 ns

C.V. = 8.7

Historic yield: 67.23 bu/a, 4 yr(s)

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

Report Date: 10/23/2023

† 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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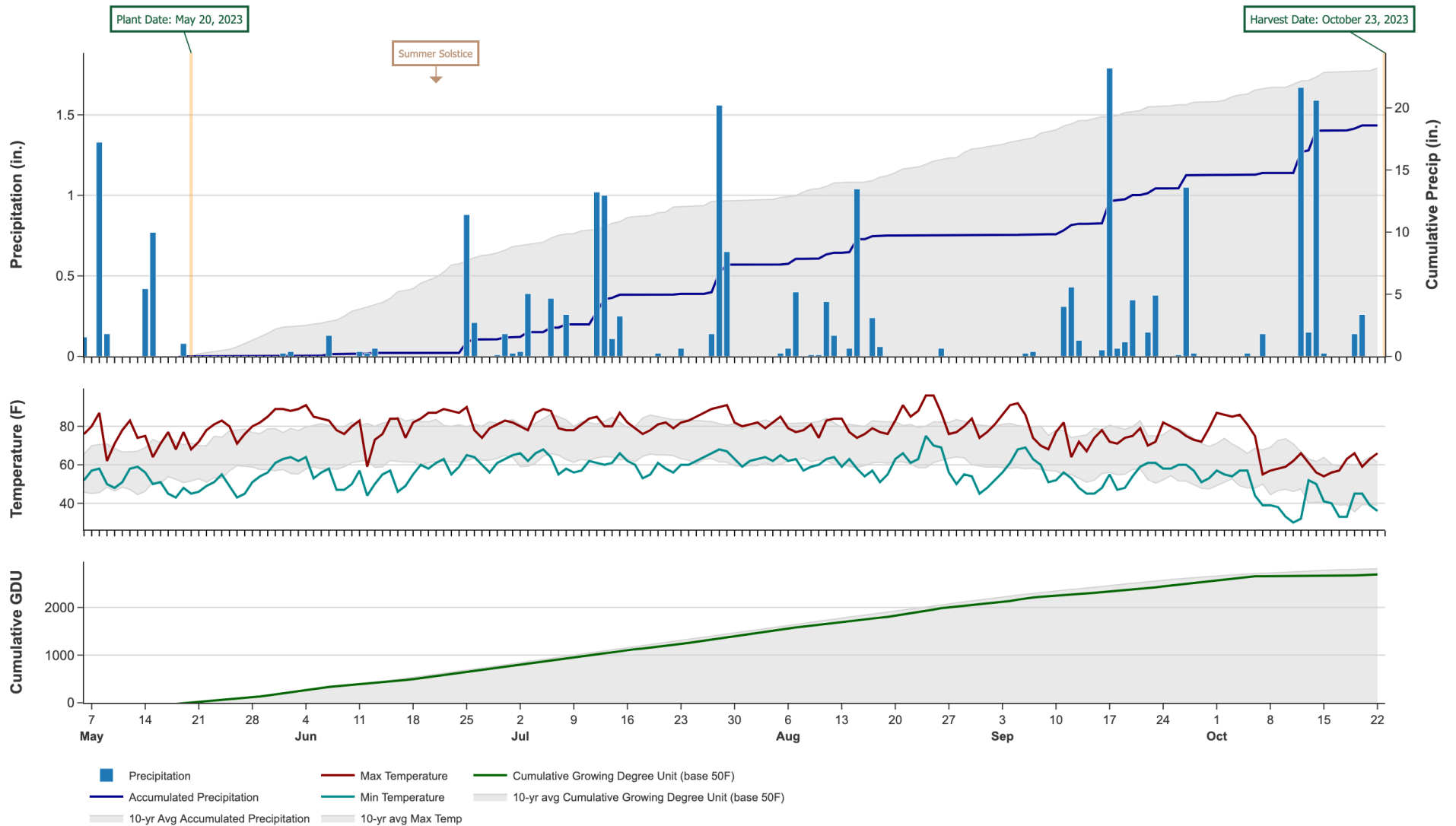
Additional reports available at www.firstseedtests.com

2023 Soybeans - Illinois North [ILNO]

Weather Conditions Summary at DIXON, IL

Weather Data Retrieved: 10/23/2023

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.9 4.6 (-1.7)	1.5 6.3 (-4.8)	5.9 4.1 (+1.8)	2.4 4.1 (-1.7)	4.8 3.7 (+1.1)	4.0 2.7 (+1.3)	21.4 25.6 (-4.2)
GDU Avg (Diff)	377 328 (+48)	580 623 (-43)	672 701 (-29)	635 660 (-25)	479 488 (-9)	151 164 (-13)	2894 2967 (-73)



* 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.