

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

2022 Soybeans Top 30 Harvest Report

Illinois North [ILNO] MALTA, IL
Steve Drendel, DeKalb County, IL 60150

All-Season Test	Maturity Group 2.4 - 3.3 S2022ILNO11
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Resicore, Atrazine, Halex Gt
SOIL DESCRIPTION:	Catlin silt loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.1 pH, 3.7% OM, 19.2 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Zidua Sc, Roundup, Revytek, Mustang
Applied N-P-K (units):	0-69-60
SEEDED - RATE - ROW:	May 23 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 13 129.5 /A

TEST COMMENTS:

This location had really good plant health all season long. There was very little disease to be noted. Still had a number of varieties that were holding onto green stems, making harvest difficult. In most varieties, the top 6" of pods only contained 2 beans in the 3 bean pods. Ended up being a nice uniform location with good yields.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P29T37E § ↗	E3	2.9	NA	83.0	14.6	22	130.7	1120	1
P3 Genetics	2331E ↗	E3	3.1	R	81.9	14.7	14	131.0	1106	2
Asgrow	AG27XF3 § ↗	RXF	2.7	R	80.7	14.4	19	159.0	1089	3
NuTech	27N03E ↗	E3	2.7	R	80.6	14.8	9	117.0	1088	4
Zinesto	Z3203E ↗	E3	3.2	R	79.9	14.9	14	119.7	1079	5
Golden Harvest	GH2922E3 § ↗	E3	2.9	R	79.9	14.3	6	128.0	1079	6
Genesis	G2570ES ↗	E3,ST	2.5	R	79.8	14.1	10	139.3	1077	7
Golden Harvest	GH2653XF § ↗	RXF	2.6	R	79.3	14.1	11	142.3	1071	8
NuTech	25N04E ↗	E3	2.5	R	78.7	14.0	10	131.0	1062	9
Apex	AE2630 ↗	E3	2.6	R	78.5	14.3	9	142.3	1060	10
DONMARIO	DM24E23 ↗	E3	2.4	R	78.4	14.1	5	145.0	1058	11
Golden Harvest	GH3023XF ↗	RXF	3.0	R	78.3	14.9	11	153.7	1057	12
Zinesto	Z2603E ↗	E3	2.6	R	78.1	14.1	7	133.7	1054	13
Genesis	G2960E ↗	E3	2.9	R	78.1	15.2	11	128.3	1054	14
Apex	AE2920 ↗	E3	2.9	R	77.6	14.9	9	111.3	1048	15
Pioneer	P26T23E § ↗	E3	2.6	R	77.5	14.3	7	125.3	1046	16
NK Brand	NK30-U4XF ↗	RXF	3.0	R	77.0	16.2	19	139.3	1040	17
NuTech	29N02E ↗	E3	2.9	R	76.9	15.1	15	111.3	1038	18
Stine	26EF23 § ↗	E3	2.6	R	76.7	14.2	10	134.0	1035	19
NK Brand	NK29-Z4E3 ↗	E3	2.9	R	76.7	14.3	10	117.0	1035	20
NuTech	26N06E ↗	E3	2.6	R	76.3	14.5	7	122.3	1030	21
Golden Harvest	GH3132E3 ↗	E3	3.1	R	76.3	14.7	7	139.7	1030	22
Dyna-Gro	S29EN62 ↗	E3	2.9	R	76.3	14.4	17	125.3	1030	23
FS HiSOY	HS 28E10 ↗	E3	2.8	R	76.0	14.7	8	122.7	1026	24
Zinesto	Z2902E ↗	E3	2.9	NA	75.5	14.3	16	137.0	1019	25
Genesis	G2550E ↗	E3	2.5	R	75.5	14.2	11	131.0	1019	26
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	R	75.4	14.9	6	139.7	1018	27
Xitavo	XO 2832E ↗	E3	2.8	R	75.3	15.0	13	142.3	1017	28
Asgrow	AG31XF3 § ↗	RXF	3.1	R	75.3	16.5	11	125.7	1017	29
Stone	2XF2541 ↗	RXF	2.5	R	75.2	14.7	10	145.0	1015	30

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Averages = **74.1** **15.1** **12** **129.5** **1001**

LSD (0.10) = 3.0 0.7 ns

LSD (0.25) = 1.6 0.4 ns

C.V. = 3.9 Historic yield: 60.15 bu/a, 20 yr(s)

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

Report Date: 10/13/2022

† 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

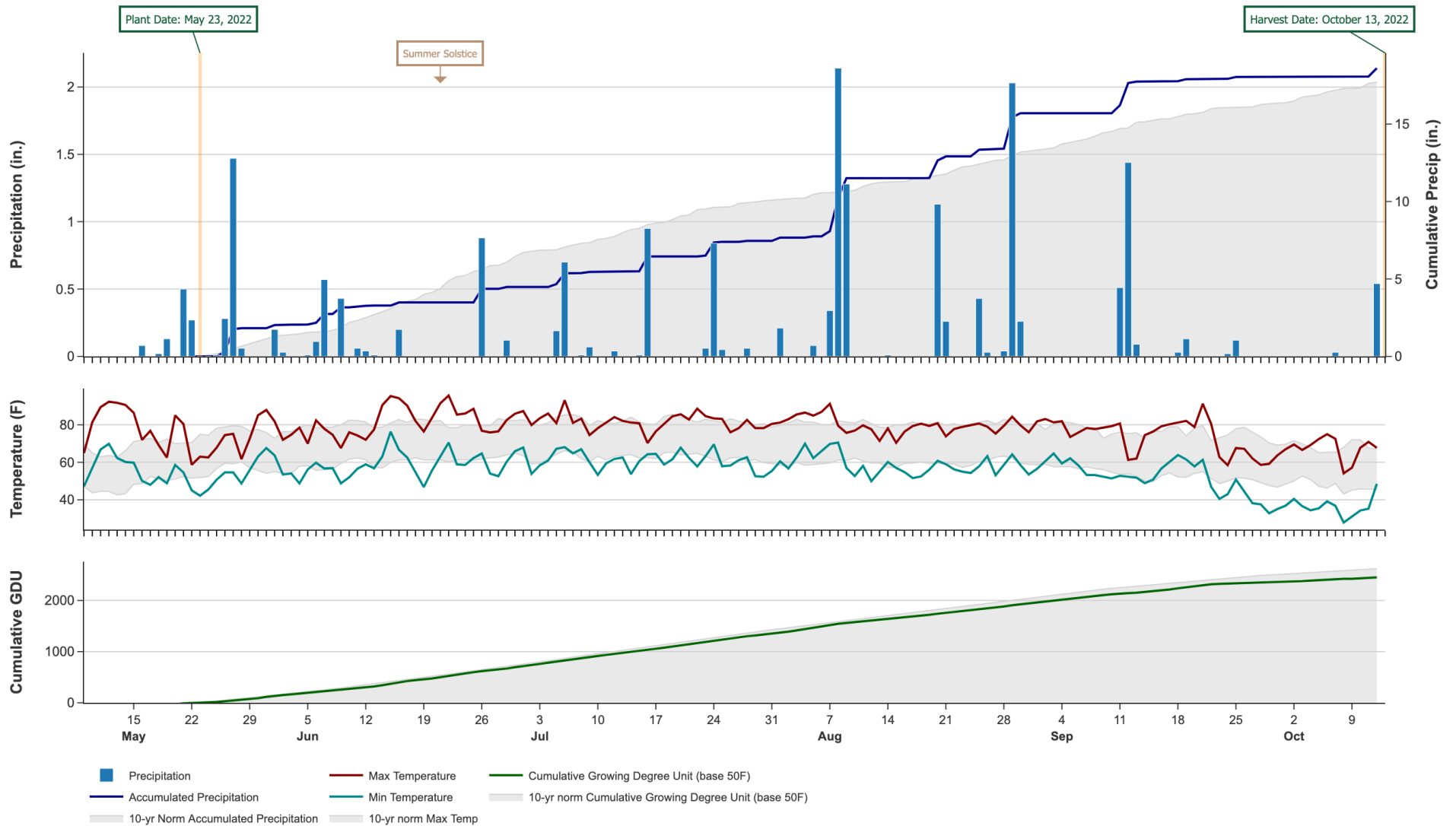
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2022 Soybeans - Illinois North [ILNO]

Weather Conditions Summary at MALTA, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	2.8 3.7 (-0.9)	2.7 5.3 (-2.7)	3.0 3.6 (-0.7)	8.2 3.1 (+5.1)	2.3 3.1 (-0.8)	0.6 1.4 (-0.8)	19.6 20.3 (-0.7)
GDU Normal (Diff)	359 285 (+73)	579 598 (-19)	655 692 (-37)	590 628 (-38)	412 451 (-39)	99 112 (-13)	2694 2769 (-75)



* 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 (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2630	E3	R	2.6	PU
Apex	AE2920	E3	R	2.9	PU
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG31XF3 §	RXF	R	3.1	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Cornelius	CB31XF42	RXF	R	3.1	PG+
DONMARIO	DM24E23	E3	R	2.4	CMBV
Dyna-Gro	S28EN22	E3	MR	2.8	EQV,Sa,Va
Dyna-Gro	S28XF92S	RXF,ST	R	2.8	EQV,Sa,Va
Dyna-Gro	S29EN62	E3	R	2.9	EQV,Sa,Va
FS HiSOY	HS 24F00	RXF,ST	R	2.4	ACi,SA,B-200
FS HiSOY	HS 28E10	E3	R	2.8	ACi,SA,B-200
FS HiSOY	HS 28F20	RXF,ST	R	2.8	ACi,SA,B-200
FS HiSOY	HS 29F10	RXF	R	2.9	ACi,SA,B-200
FS HiSOY	HS 31E20	E3,ST	R	3.1	ACi,SA,B-200
FS HiSOY	HS 32E00	E3	R	3.2	ACi,SA,B-200
FS HiSOY	HS 32F10	RXF	R	3.2	ACi,SA,B-200
FS HiSOY	HS 33E20	E3,ST	R	3.3	ACi,SA,B-200
Genesis	G2550E	E3	R	2.5	EcTC,SA
Genesis	G2570ES	E3,ST	R	2.5	EcTC,SA
Genesis	G2960E	E3	R	2.9	EcTC,SA
Golden Harvest	GH2653XF §	RXF	R	2.6	CMBV,SA
Golden Harvest	GH2922E3 §	E3	R	2.9	CMBV,SA
Golden Harvest	GH3023XF	RXF	R	3.0	CMBV,SA
Golden Harvest	GH3132E3	E3	R	3.1	CMBV,SA
NK Brand	NK29-Z4E3	E3	R	2.9	CMBV,SA
NK Brand	NK30-B2E3 §	E3	R	3.0	CMBV,SA
NK Brand	NK30-U4XF	RXF	R	3.0	CMBV,SA
NK Brand	NK33-W2E3S	E3,ST	R	3.3	CMBV,SA
NuTech	24N04E	E3	R	2.4	Lum,Lu,IL
NuTech	25N04E	E3	R	2.5	Lum,Lu,IL
NuTech	26N06E	E3	R	2.6	Lum,Lu,IL
NuTech	27N03E	E3	R	2.7	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	30N05E	E3	R	3.0	Lum,Lu,IL
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
P3 Genetics	2229E	E3	R	2.9	PG+
P3 Genetics	2331E	E3	R	3.1	PG+
Pioneer	P26T23E §	E3	R	2.6	Lum,Lu
Pioneer	P29T37E §	E3	NA	2.9	Lum,Lu
Pioneer	P30T99E §	E3	R	3.0	Lum,Lu
ProHarvest	27E39	E3	R	2.7	PU

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Renk	RS2-271E	E3	R	2.7	EcTC,SA
Stine	26EF23 §	E3	R	2.6	SFI
Stine	32EE21 §	E3	R	3.2	SFI
Stone	2XF2541	RXF	R	2.5	ACi,IL
Stone	2XF3352	RXF	R	3.3	ACi,IL
Xitavo	XO 2472E	E3,ST	R	2.4	PV,IL,OB,Rey
Xitavo	XO 2501E	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 2921E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 2963E	E3	R	2.9	PV,IL,OB,Rey
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB,Rey
Xitavo	XO 3341E	E3	R	3.3	PV,IL,OB,Rey
Zinesto	Z2401E	E3	R	2.4	DST4
Zinesto	Z2503E	E3	R	2.5	DST4
Zinesto	Z2603E	E3	R	2.6	DST4
Zinesto	Z2700E	E3	R	2.7	DST4
Zinesto	Z2902E	E3	NA	2.9	DST4
Zinesto	Z3001E	E3	R	3.0	DST4
Zinesto	Z3203E	E3	R	3.2	DST4
Zinesto	Z3303E	E3	R	3.3	DST4

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	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Salstro®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Salstro®
DST4	Dominance 4 ST
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salstro®
EQV,Sa,Va	Equity VIP, Salstro®, Vayantis
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I

* Seed treatments may include unspecified plant health promoting components.