

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

## 2021 Soybeans Top 30 Harvest Report

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

<b>All-Season Test</b>	Maturity Group <b>2.4 - 3.3</b> S2021ILNO11
<b>Top 30 of 72</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Verdict, 41% Glyphos, Callisto
<b>SOIL DESCRIPTION:</b>	Catlin silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, high K, 6.4 pH, 4.5% OM, 21.0 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Sc, Roundup, Revytek, Mustang
<b>Applied N-P-K (units):</b>	0-69-60
<b>SEEDED - RATE - ROW:</b>	May 13 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 19 157.6 /A

### TEST COMMENTS:

*Emergence was nice and uniform and plants achieved good vegetative growth. Most varieties had long internodes with a nice pod set (3 per cluster on most). Seed size was large and pods were easy to open. There were still a good number of plants that had green stems making harvest a little more difficult. Overall a nice uniform location with little disease.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Apex	AE2920 ↗	E3	2.9	R	<b>76.8</b>	11.8	6	142.0	998	1
Golden Harvest	GH3192XF ↗	RXF	3.1	MR	<b>75.8</b>	11.7	17	162.0	985	2
Brevant	B310EE GC ↗	E3	3.1	R	<b>75.6</b>	11.7	14	164.3	983	3
Donmario	DM28E52 ↗	E3	2.8	NA	<b>75.2</b>	11.8	8	153.3	978	4
Asgrow	AG24XF1 GC ↗	RXF	2.4	R	<b>74.0</b>	12.1	6	162.0	962	5
Hefty	H29XF1 ↗	RXF	2.9	NA	<b>73.9</b>	12.0	17	153.3	961	6
Hefty	H30XF2 ↗	RXF	3.0	NA	<b>73.4</b>	11.6	6	153.3	954	7
Genesis	G2460ES ↗	E3,ST	2.4	R	<b>73.3</b>	11.8	10	170.3	953	8
Genesis	G2960E ↗	E3	2.9	R	<b>73.1</b>	11.8	7	161.7	950	9
Golden Harvest	GH2722XF ↗	RXF	2.7	MR	<b>73.0</b>	11.7	14	147.7	949	10
Zinesto	Z3202E ↗	E3	3.2	NA	<b>72.9</b>	11.8	16	161.7	948	11
Xitavo	XO 2501E ↗	E3	2.5	R	<b>72.8</b>	11.6	9	150.7	946	12
NK Brand	NK27-A7XF ↗	RXF	2.7	MR	<b>72.8</b>	11.8	23	159.0	946	13
NK Brand	NK29-A5E3 ↗	E3	2.9	MR	<b>72.7</b>	11.6	9	148.0	945	14
Hefty	H25XF1 ↗	RXF	2.5	NA	<b>72.7</b>	11.7	22	167.7	945	15
FS HiSOY	28E10 ↗	E3	2.8	R	<b>72.5</b>	11.8	7	145.3	942	16
Dyna-Gro	S25XF71S GC ↗	RXF,ST	2.5	R	<b>72.5</b>	11.9	6	175.7	942	17
Dyna-Gro	S29EN62 ↗	E3	2.9	R	<b>72.3</b>	11.4	11	153.7	940	18
Hefty	H28XF2 ↗	RXF	2.8	NA	<b>72.1</b>	11.8	15	150.7	937	19
NK Brand	NK25-C9XF § ↗	RXF	2.5	MR	<b>71.8</b>	11.7	11	150.7	933	20
Hefty	H31XF2 ↗	RXF	3.1	NA	<b>71.7</b>	12.2	9	134.0	932	21
Renk	RS282NXF ↗	RXF	2.8	R	<b>71.4</b>	11.8	11	170.3	928	22
Xitavo	XO 3131E ↗	E3	3.1	R	<b>71.4</b>	11.8	18	159.0	928	23
FS HiSOY	27E10 ↗	E3	2.7	R	<b>71.3</b>	11.6	8	136.7	927	24
NuTech	30N05E ↗	E3	3.0	R	<b>71.0</b>	11.6	7	153.3	923	25
P3 Genetics	2231E ↗	E3	3.1	R	<b>70.9</b>	11.8	19	173.0	922	26
FS HiSOY	32E00 ↗	E3	3.2	R	<b>70.1</b>	12.0	10	167.7	911	27
Zinesto	Z2902E ↗	E3	2.9	NA	<b>69.9</b>	11.7	6	156.0	909	28
Pioneer	P30T99E § ↗	E3	3.0	R	<b>69.6</b>	11.7	11	164.7	905	29
Brevant	B320EE GC ↗	E3	3.2	R	<b>69.6</b>	11.9	18	161.7	905	30



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Averages = **68.9** **11.8** **12** **157.6** **895**

LSD (0.10) = 4.2 ns 8

LSD (0.25) = 2.2 ns 4

C.V. = 5.8 Historic yield: 59.66 bu/a, 19 yr(s)

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

Report Date: 10/20/2021

† 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. ↗ New! Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

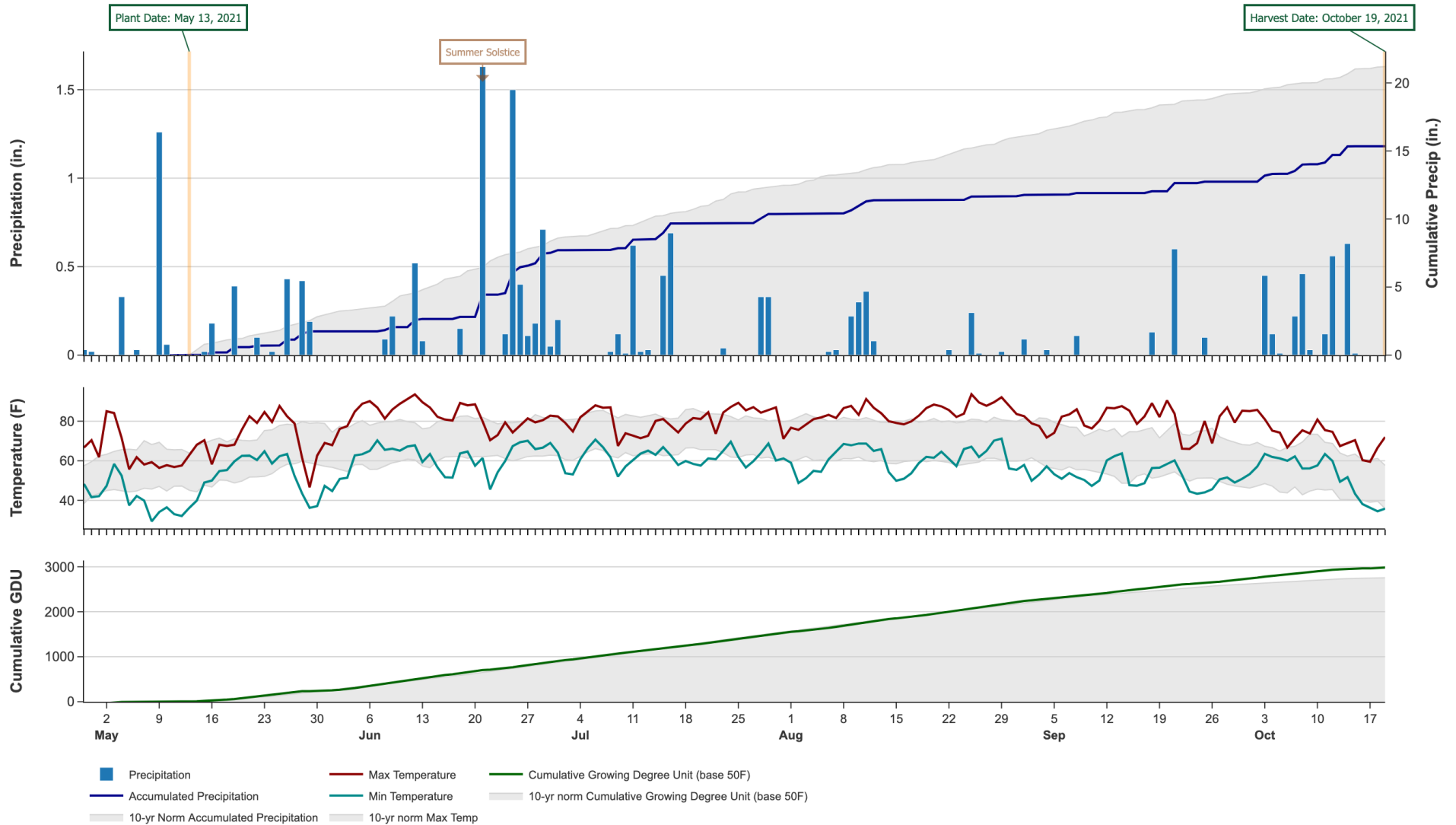
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# 2021 Soybeans - Illinois North [ ILNO ]

## Weather Conditions Summary at MALTA, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.1   0.5 (-0.5)	3.4   5.4 (-1.9)	5.8   5.4 (+0.4)	2.9   4.1 (-1.3)	1.3   3.5 (-2.2)	1.1   3.2 (-2.2)	2.6   1.9 (+0.7)	17.1   24.1 (-7.1)
GDU   Normal (Diff)	19   4 (+14)	306   352 (-46)	645   591 (+53)	649   709 (-60)	683   628 (+54)	499   432 (+66)	264   142 (+121)	3065   2862 (+202)



\* 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.

## 2021 Soybeans - Illinois North [ ILNO ]

### All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2420S	E3,ST	R	2.4	CMBV,SA
Apex	AE2920	E3	R	2.9	CMBV,SA
Apex	AE3220	E3	R	3.2	CMBV,SA
Apex	AE3310	E3	R	3.3	CMBV,SA
Asgrow	AG24XF1 GC	RXF	R	2.4	ACi,IL
Asgrow	AG26XF1 GC	RXF	R	2.6	ACi,IL
Asgrow	AG29XF2 §	RXF	R	2.9	ACi,IL
Asgrow	AG30XF2 §	RXF	R	3.0	ACi,IL
Asgrow	AG31XF2 §	RXF	R	3.1	ACi
Asgrow	AG33XF2 GC	RXF	R	3.3	ACi,IL
Brevant	B310EE GC	E3	R	3.1	Lum,Lu,IL
Brevant	B320EE GC	E3	R	3.2	Lum,Lu,IL
Cornelius	CB29XF09	RXF	R	2.9	PG+
Cornelius	CB31XF42	RXF	R	3.1	PG+
Donmario	DM28E52	E3	NA	2.8	CMBV
Dyna-Gro	S25XF71S GC	RXF,ST	R	2.5	EQV,SA
Dyna-Gro	S28EN22	E3	MR	2.8	EQV,SA
Dyna-Gro	S29EN62	E3	R	2.9	EQV,SA
Dyna-Gro	S31XF82	RXF	R	3.1	EQV,SA
FS HiSOY	27E10	E3	R	2.7	ACi,B-200
FS HiSOY	28E10	E3	R	2.8	ACi,B-200
FS HiSOY	29F10	RXF	R	2.9	AC,PV,B-200
FS HiSOY	30F10	RXF	R	3.0	ACi,SA,B-200
FS HiSOY	31F10	RXF	R	3.1	ACi,B-200
FS HiSOY	32E00	E3	R	3.2	ACi,SA,B-200
FS HiSOY	32F10	RXF	R	3.2	ACi,B-200
FS HiSOY	33F10	RXF	R	3.3	ACi,B-200
Genesis	G2460ES	E3,ST	R	2.4	CMBV,SA
Genesis	G2960E	E3	R	2.9	CMBV,SA
Genesis	G3260E	E3	R	3.2	CMBV,SA
Golden Harvest	GH2722XF	RXF	MR	2.7	CMBV,SA
Golden Harvest	GH2922E3 §	E3	R	2.9	CMBV,SA
Golden Harvest	GH3132E3 §	E3	R	3.1	CMBV,SA
Golden Harvest	GH3192XF	RXF	MR	3.1	CMBV,SA
Hefty	H24XF2	RXF	NA	2.4	DST4,SA
Hefty	H25XF1	RXF	NA	2.5	DST4,SA
Hefty	H26XF2	RXF	NA	2.6	DST4,SA
Hefty	H28XF2	RXF	NA	2.8	DST4,SA
Hefty	H29X1	RRX	R	2.9	DST4,SA
Hefty	H29XF1	RXF	NA	2.9	DST4,SA
Hefty	H30XF2	RXF	NA	3.0	DST4,SA
Hefty	H31XF2	RXF	NA	3.1	DST4,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NK Brand	NK24-G7E3	E3	R	2.4	CMBV,SA
NK Brand	NK25-C9XF §	RXF	MR	2.5	CMBV,SA
NK Brand	NK27-A7XF	RXF	MR	2.7	CMBV,SA
NK Brand	NK29-A5E3	E3	MR	2.9	CMBV,SA
NuTech	24N04E	E3	R	2.4	Lum,Lu,IL
NuTech	26N06E	E3	R	2.6	Lum,Lu,IL
NuTech	28N02E	E3	R	2.8	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	2231E	E3	R	3.1	PG+
Pioneer	P26T57E §	E3	R	2.6	Lu,G,IL
Pioneer	P28T14E §	E3	R	2.8	Lu,G,IL
Pioneer	P30T99E §	E3	R	3.0	Lu,G,IL
Renk	RS282NXF	RXF	R	2.8	EcTC,SA
Stine	24EE32 §	E3	R	2.4	SFI
Stine	25EB32 §	E3	R	2.5	SFI
Stine	32EB02 §	E3	R	3.2	SFI
Stone	2XF2541	RXF	R	2.5	ACi,IL
Stone	2XF3052	RXF	R	3.0	ACi,IL
Xitavo	XO 2501E	E3	R	2.5	PV,IL,OB
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Zinesto	Z2401E	E3	R	2.4	DST4,SA
Zinesto	Z2700E	E3	R	2.7	DST4,SA
Zinesto	Z2900E	E3	R	2.9	DST4,SA
Zinesto	Z2902E	E3	NA	2.9	DST4,SA
Zinesto	Z3001E	E3	R	3.0	DST4,SA
Zinesto	Z3101E	E3	R	3.1	DST4,SA
Zinesto	Z3202E	E3	NA	3.2	DST4,SA

\* FIRST does not inspect products for refuge blend. N\* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies

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E3	Enlist™ E3
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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

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\* Seed treatments may include unspecified plant health promoting components.