

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

## 2021 Soybeans Top 30 Harvest Report

Illinois North [ILNO] CHADWICK, IL  
John Newcomer, Carroll County, IL

<b>All-Season Test</b>	2.4 - 3.3 Day CRM S2021ILNO12
<b>Top 30 of 72</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron, Halex Gt
<b>SOIL DESCRIPTION:</b>	Oscosilt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 6.2 pH, 4.0% OM, 15.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/ Fall Till
<b>PEST MANAGEMENT:</b>	Matador, Power Max, Cobra
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 7 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 17 163.9 /A

### TEST COMMENTS:

*This location is on excellent soil and emerged really well. The growing season did not offer much for rainfall, but by looking at the yields the rains came at the correct time. Over 1/2 of the varieties were still holding on to green stems making harvest a slow process. A handful were still holding green leaves on the bottom 12" of the plant. Seed size was above average and there was very little disease to note.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Apex	AE3310 ↗	E3	3.3	R	<b>91.5</b>	12.3	36	148.0	1190	1
FS HiSOY	32E00 ↗	E3	3.2	R	<b>90.4</b>	12.5	40	161.7	1175	2
NuTech	29N02E ↗	E3	2.9	R	<b>90.4</b>	12.1	26	148.0	1175	3
Zinesto	Z2401E ↗	E3	2.4	R	<b>89.9</b>	12.3	29	175.7	1169	4
Xitavo	XO 3131E ↗	E3	3.1	R	<b>89.5</b>	12.6	26	161.7	1164	5
Genesis	G2960E ↗	E3	2.9	R	<b>88.7</b>	12.1	19	159.0	1153	6
Stine	24EE32 § ↗	E3	2.4	R	<b>88.7</b>	12.2	26	164.3	1153	7
Dyna-Gro	S29EN62 ↗	E3	2.9	R	<b>88.3</b>	12.3	19	161.7	1148	8
Apex	AE3220 ↗	E3	3.2	R	<b>88.0</b>	12.4	37	178.3	1144	9
Brevant	B320EE GC ↗	E3	3.2	R	<b>87.8</b>	12.3	29	159.0	1141	10
Xitavo	XO 2501E ↗	E3	2.5	R	<b>87.8</b>	12.7	33	164.7	1141	11
Zinesto	Z3101E ↗	E3	3.1	R	<b>87.6</b>	12.5	20	159.0	1139	12
Apex	AE2920 ↗	E3	2.9	R	<b>87.3</b>	12.1	19	159.0	1135	13
Stine	32EB02 § ↗	E3	3.2	R	<b>87.3</b>	12.4	40	158.7	1135	14
Pioneer	P28T14E § ↗	E3	2.8	R	<b>87.0</b>	12.2	20	178.7	1131	15
Zinesto	Z2700E ↗	E3	2.7	R	86.6	12.6	23	170.0	1126	16
NuTech	28N02E ↗	E3	2.8	R	86.4	12.2	19	161.7	1123	17
Zinesto	Z3202E ↗	E3	3.2	NA	86.2	12.2	29	161.7	1121	18
Zinesto	Z2900E ↗	E3	2.9	R	86.2	12.1	29	156.0	1121	19
Cornelius	CB29XF09 ↗	RXF	2.9	R	86.1	12.2	26	167.7	1119	20
Hefty	H26XF2 ↗	RXF	2.6	NA	86.1	12.4	22	173.0	1119	21
Apex	AE2420S ↗	E3,ST	2.4	R	86.0	12.3	26	159.0	1118	22
Zinesto	Z3001E ↗	E3	3.0	R	85.9	12.4	26	167.3	1117	23
Genesis	G3260E ↗	E3	3.2	R	85.9	12.4	36	173.0	1117	24
Donmario	DM28E52 ↗	E3	2.8	NA	85.8	12.0	19	178.3	1115	25
P3 Genetics	2231E ↗	E3	3.1	R	85.6	12.5	32	150.7	1113	26
Hefty	H28XF2 ↗	RXF	2.8	NA	85.6	12.4	25	161.7	1113	27
Hefty	H24XF2 ↗	RXF	2.4	NA	85.4	12.6	25	192.7	1110	28
Brevant	B310EE GC ↗	E3	3.1	R	85.3	12.5	26	170.0	1109	29
Zinesto	Z2902E ↗	E3	2.9	NA	85.2	12.1	19	162.0	1108	30

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Averages = **83.0**    **12.3**    **25**    **163.9**    **1078**

LSD (0.10) = 3.7    ns    7

LSD (0.25) = 1.9    ns    4

C.V. = 4.2

Historic yield: new site

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

Report Date: 10/18/2021

† 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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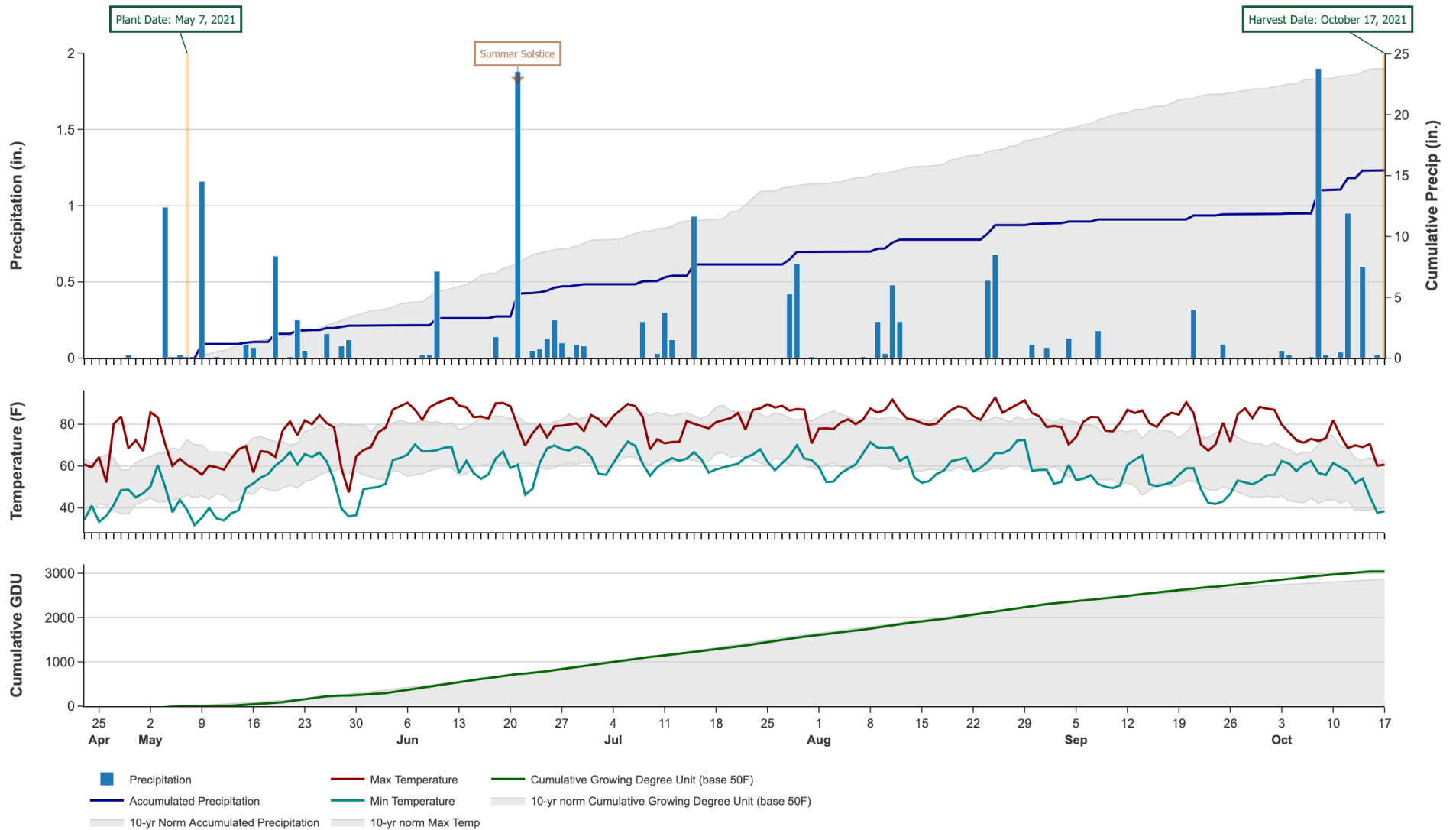
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# 2021 Soybeans - Illinois North [ ILNO ]

## Weather Conditions Summary at CHADWICK, IL

Weather Data Retrieved: 10/18/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.0   1.2 (-1.1)	3.7   4.9 (-1.2)	3.4   5.8 (-2.4)	2.7   4.8 (-2.2)	2.3   3.7 (-1.5)	0.8   4.1 (-3.3)	3.6   1.6 (+2.0)	16.5   26.1 (-9.6)
GDU   Normal (Diff)	57   27 (+29)	321   366 (-45)	654   597 (+56)	677   725 (-48)	700   646 (+53)	510   436 (+73)	243   149 (+93)	3162   2949 (+212)



\* 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, Salstro®, B-200 SAT
AC,PV,B-200	Acceleron® Basic, Poncho/Votivo, B-200
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Salstro®
DST4,SA	Dominance 4 ST,Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salstro®
EQV,SA	Equity VIP, Salstro®
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.