

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

## 2022 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] MACOMB, IL  
Joel Lewis, McDonough County, IL 61438

<b>All-Season Test</b>	Maturity Group <b>2.8 - 3.8</b> S2022ILNC14
<b>Top 30 of 63</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness Xtra, Armezon Pro, Amsol, Atrazine, Roundup Powermax, Defcon
<b>SOIL DESCRIPTION:</b>	Ipava, Osco silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, high K, 6.1 pH, 3.0% OM, 14.4 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Liberty, Outlook, Delaro
<b>Applied N-P-K (units):</b>	0-120-150
<b>SEEDED - RATE - ROW:</b>	May 24 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 16 141.1 /A

### TEST COMMENTS:

*This was the very last soybean plot planted in the Central Illinois area in marginal soil conditions followed by a good rain less than 30 minutes later. Plants were standing perfect with good pod sets. Late-season varieties had been frosted off but were still holding on to some dead leaf material. Plants were very healthy looking throughout the plot and were very easy to harvest.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	34N02E ↗	E3	3.4	R	<b>83.9</b>	13.2	1	144.3	1133	1
Asgrow	AG38XF3 § ↗	RXF	3.8	R	<b>82.4</b>	12.6	1	139.3	1112	2
FS HiSOY	HS 32F10 ↗	RXF	3.2	R	<b>79.9</b>	12.2	1	152.0	1079	3
Xitavo	XO 3651E ↗	E3	3.6	R	<b>79.4</b>	13.3	1	129.3	1072	4
NuTech	31N06E ↗	E3	3.1	R	<b>79.4</b>	13.4	1	136.7	1072	5
Apex	AE3330S ↗	E3	3.3	R	<b>79.2</b>	12.4	1	137.0	1069	6
Dyna-Gro	S33EN42 ↗	E3	3.3	R	78.8	12.4	1	136.5	1064	7
FS HiSOY	HS 38F20 ↗	RXF	3.8	R	78.5	13.6	1	152.0	1060	8
DONMARIO	DM35F23S ↗	RXF,ST	3.5	R	78.4	12.8	1	144.3	1058	9
Burrus	3875E ↗	E3	3.8	R	78.3	14.8	1	139.3	1057	10
P3 Genetics	2136E ↗	E3	3.6	R	78.1	13.3	1	141.7	1054	11
Cornelius	CB37XF70 ↗	RXF	3.7	R	78.0	14.5	1	139.3	1053	12
Stine	38EF32 § ↗	E3	3.8	R	77.8	14.1	1	149.7	1050	13
Asgrow	AG33XF3 § ↗	RXF	3.3	R	77.6	12.1	1	137.0	1048	14
FS HiSOY	HS 37E10 ↗	E3,ST	3.7	R	77.3	12.5	1	131.7	1044	15
Xitavo	XO 3131E ↗	E3	3.1	R	77.2	12.1	1	146.7	1042	16
Xitavo	XO 3752E ↗	E3	3.7	R	77.0	12.8	1	146.7	1040	17
NuTech	35N03E ↗	E3	3.5	R	77.0	13.2	1	129.3	1040	18
Dyna-Gro	S37ES52 ↗	E3,ST	3.7	R	76.9	12.3	1	137.0	1038	19
Dyna-Gro	S35XF72 ↗	RXF	3.5	R	76.4	12.2	1	136.7	1031	20
Asgrow	AG38XF1 § ↗	RXF	3.8	R	76.3	13.4	1	134.3	1030	21
DONMARIO	DM3756E ↗	E3	3.7	R	76.2	14.5	1	134.0	1029	22
Stone	2XF3352 ↗	RXF	3.3	R	76.2	12.3	1	149.3	1029	23
Great Heart	GT-3644XF ↗	RXF	3.6	R	75.7	12.5	1	134.3	1022	24
Great Heart	GT-3894ES ↗	E3,ST	3.8	R	75.5	14.2	1	139.0	1019	25
NK Brand	NK37-V4E3S § ↗	E3,ST	3.7	MR	75.0	13.3	1	139.3	1012	26
NuTech	29N02E ↗	E3	2.9	R	74.7	12.2	1	134.0	1008	27
NK Brand	NK36-H9E3S § ↗	E3,ST	3.6	R	74.6	12.6	1	141.7	1007	28
Pioneer	P31T64E § ↗	E3	3.1	NA	74.5	12.0	1	137.0	1006	29
Martin	M29-E3 ↗	E3	2.9	MR	74.1	12.7	1	147.0	1000	30

*Nathan Roux*

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Averages = **74.1** **13.1** **1** **141.1** **1001**

LSD (0.10) = 4.8 0.8 ns

LSD (0.25) = 2.5 0.4 ns

C.V. = 6.2

Historic yield: 58.45 bu/a, 21 yr(s)

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

Report Date: 10/16/2022

† 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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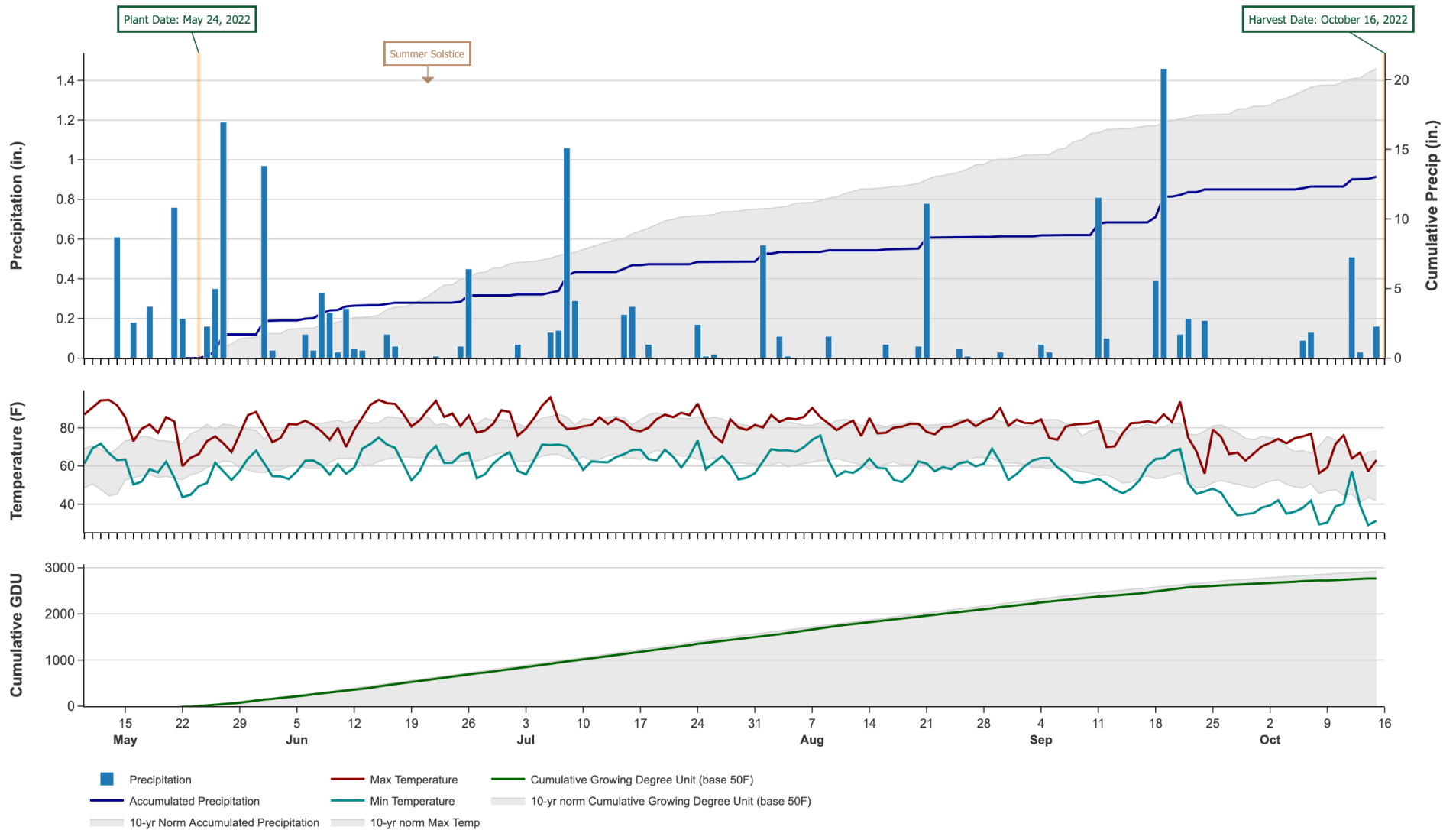
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2022 Soybeans - Illinois North Central [ ILNC ]

## Weather Conditions Summary at MACOMB, IL

Weather Data Retrieved: 10/16/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	3.7   3.8 (-0.1)	2.8   5.0 (-2.2)	2.4   4.2 (-1.8)	1.8   3.6 (-1.8)	3.4   3.8 (-0.4)	0.9   2.7 (-1.8)	15.0   23.1 (-8.0)
GDU   Normal (Diff)	407   332 (+74)	653   674 (-21)	708   751 (-43)	678   683 (-5)	479   515 (-36)	126   155 (-29)	3051   3112 (-61)



\* 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.

## 2022 Soybeans - Illinois North Central [ ILNC ]

### All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	PU
Apex	AE3330S	E3	R	3.3	PU
Apex	AE3720S	E3,ST	R	3.7	PU
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG38XF1 §	RXF	R	3.8	ACi
Asgrow	AG38XF3 §	RXF	R	3.8	ACi,IL
Burrus	3875E	E3	R	3.8	PS
Cornelius	CB37XF70	RXF	R	3.7	PG+
DONMARIO	DM34E11	E3	R	3.4	CMBV
DONMARIO	DM35F23S	RXF,ST	R	3.5	CMBV
DONMARIO	DM3756E	E3	R	3.7	CMBV
DONMARIO	DM37E43S	E3,ST	R	3.7	CMBV
Dyna-Gro	S33EN42	E3	R	3.3	EQV,Sa,Va
Dyna-Gro	S35XF72	RXF	R	3.5	EQV,Sa,Va
Dyna-Gro	S37ES52	E3,ST	R	3.7	EQV,Sa,Va
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
FS HiSOY	HS 34F00	RXF	R	3.4	ACi,SA,B-200
FS HiSOY	HS 35E10	E3	R	3.5	ACi,SA,B-200
FS HiSOY	HS 37E10	E3,ST	R	3.7	ACi,SA,B-200
FS HiSOY	HS 37F00	RXF	R	3.7	ACi,SA,B-200
FS HiSOY	HS 38E20	E3,ST	R	3.8	ACi,SA,B-200
FS HiSOY	HS 38F20	RXF	R	3.8	ACi,SA,B-200
Genesis	G2960E	E3	R	2.9	EcTC,SA
Genesis	G3460ES	E3,ST	R	3.4	EcTC,SA
Genesis	G3760ES	E3,ST	R	3.7	EcTC,SA
Golden Harvest	GH2922E3	E3	R	2.9	CMBV,SA
Golden Harvest	GH3043E3	E3	R	3.0	CMBV,SA
Golden Harvest	GH3373E3S §	E3,ST	R	3.3	CMBV,SA
Golden Harvest	GH3762E3S	E3,ST	MR	3.7	CMBV,SA
Great Heart	GT-3644XF	RXF	R	3.6	Gr+
Great Heart	GT-3894ES	E3,ST	R	3.8	Gr+
Martin	M29-E3	E3	MR	2.9	EcTC,NF,NH
Martin	M31-E3	E3	MR	3.1	EcTC,NF,NH
Martin	M34-E3	E3	MR	3.4	EcTC,NF,NH
NK Brand	NK33-W2E3S	E3,ST	R	3.3	CMBV,SA
NK Brand	NK36-H9E3S §	E3,ST	R	3.6	CMBV,SA
NK Brand	NK37-V4E3S §	E3,ST	MR	3.7	CMBV,SA
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
NuTech	34N02E	E3	R	3.4	Lum,Lu,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
P3 Genetics	2136E	E3	R	3.6	PG+
P3 Genetics	2234E	E3	R	3.4	PG+
Pioneer	P29T37E §	E3	NA	2.9	Lum,Lu
Pioneer	P31T64E §	E3	NA	3.1	Lum,Lu
Pioneer	P35T01SE §	E3,ST	R	3.5	Lum,Lu
ProHarvest	35E12	E3	R	3.5	PU
Stine	31EF23 §	E3	R	3.1	SFI
Stine	32EE21 §	E3	R	3.2	SFI
Stine	38EF32 §	E3	R	3.8	SFI
Stone	2XF3352	RXF	R	3.3	ACi,IL
Stone	2XF3531	RXF	R	3.5	ACi,IL
Xitavo	XO 2832E	E3	R	2.8	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 3402E	E3	R	3.4	PV,IL,OB,Rey
Xitavo	XO 3483E	E3,ST	MR	3.4	PV,IL,OB,Rey
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB,Rey
Xitavo	XO 3752E	E3	R	3.7	PV,IL,OB,Rey
Xitavo	XO 3861E	E3	R	3.8	PV,IL,OB,Rey

## 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
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,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC,NF,NH	Eclipse US Total Coverage Trio IM, N-Force, N-Hibit
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PS	MAS Pro-Shield
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SFI	Stine XP F&I

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