

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

## 2022 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] WILLIAMSVILLE, IL  
Bruce & Nick Constant, Sangamon County, IL 62693

<b>All-Season Test</b>	Maturity Group <b>3.3 - 4.3</b> S2022ILSC20
<b>Top 30 of 63</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Resicore, Roundup Powermax, Trivapro, Defcon
<b>SOIL DESCRIPTION:</b>	Buckhart, Osco silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, high K, 6.5 pH, 4.1% OM, 20.4 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Sonic, Everprex, Liberty, Miravis Top, Endigo
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 19 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 21 126.4 /A

### TEST COMMENTS:

*This plot was planted in very nice soil conditions and had good growing conditions all season long. Plants stayed healthy and had good vegetative growth. Green stem was prevalent at this location up until the first frost and was still holding on to dead leaf material in the full-season varieties. Pod clusters started low on the plants and continued to the top of the plants with medium to large seed sizes. No disease was seen at this location.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	39N07E ↗	E3	3.9	R	<b>79.0</b>	7.4	10	124.3	1066	1
Golden Harvest	GH3373E3S § ↗	E3,ST	3.3	R	<b>78.3</b>	7.7	6	127.0	1057	2
Lewis	3623XF ↗	RXF	3.6	R	<b>78.2</b>	7.7	8	111.3	1056	3
FS HiSOY	HS 38F20 ↗	RXF	3.8	R	<b>77.2</b>	9.3	8	139.3	1042	4
Dyna-Gro	S37XF33 ↗	RXF	3.7	MR	<b>77.1</b>	8.1	14	126.3	1041	5
DONMARIO	DM41E73 ↗	E3	4.1	R	<b>77.0</b>	10.4	14	113.7	1040	6
AgriGold	G3577E3 ↗	E3,ST	3.5	R	<b>76.7</b>	7.3	6	134.3	1035	7
Xitavo	XO 3861E ↗	E3	3.8	R	<b>76.3</b>	7.6	4	127.0	1030	8
Golden Harvest	GH4093E3 ↗	E3	4.0	R	76.2	8.5	6	136.7	1029	9
FS HiSOY	HS 41E20 ↗	E3	4.1	R	75.5	8.5	7	124.3	1019	10
Lewis	3834XF ↗	RXF	3.8	R	75.4	7.5	6	136.7	1018	11
NK Brand	NK39-M8XF ↗	RXF	3.9	R	75.3	7.3	4	124.3	1017	12
Stine	34EA12 § ↗	E3	3.4	R	75.1	7.6	6	131.7	1014	13
Apex	AE3920 ↗	E3	3.9	R	75.0	7.7	7	131.7	1012	14
NuTech	40N02E ↗	E3	4.0	R	75.0	8.1	8	129.0	1012	15
Xitavo	XO 3341E ↗	E3	3.3	R	74.8	7.7	10	119.0	1010	16
FS HiSOY	HS 40F20 ↗	RXF	4.0	R	74.3	8.8	10	116.7	1003	17
Apex	AE3330S ↗	E3	3.3	R	73.7	7.1	6	134.0	995	18
DONMARIO	DM34E11 ↗	E3	3.4	R	73.6	7.6	4	114.0	994	19
Pioneer	P35T01SE § ↗	E3,ST	3.5	R	73.6	7.4	9	126.7	994	20
Cornelius	CB41XF23 ↗	RXF	4.1	R	73.6	7.9	11	121.7	994	21
ProHarvest	36F28 ↗	RXF	3.6	R	73.5	8.0	10	131.7	992	22
NuTech	35N03E ↗	E3	3.5	R	73.2	7.5	6	124.0	988	23
Pioneer	P34T21SE § ↗	E3,ST	3.4	R	73.1	7.5	4	129.3	987	24
Dyna-Gro	S41EN72 ↗	E3	4.1	R	72.9	9.4	10	116.3	984	25
Xitavo	XO 3752E ↗	E3	3.7	R	72.9	7.1	8	139.3	984	26
Asgrow	AG38XF3 § ↗	RXF	3.8	R	72.7	8.1	6	121.7	981	27
Lewis	4035XF ↗	RXF	4.0	R	72.7	9.1	9	131.7	981	28
AgriGold	G3692XF ↗	RXF,ST	3.6	R	72.5	7.8	9	129.3	979	29
Stine	38EF32 § ↗	E3	3.8	R	72.4	7.9	10	139.3	977	30

*Nathan Roux*

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Averages = **70.8** **8.2** **9** **126.4** **956**

LSD (0.10) = 5.5 1.1 4

LSD (0.25) = 2.9 0.6 2

C.V. = 7.4

Historic yield: 75.35 bu/a, 4 yr(s)

### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$13.50

Report Date: 10/21/2022

† 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

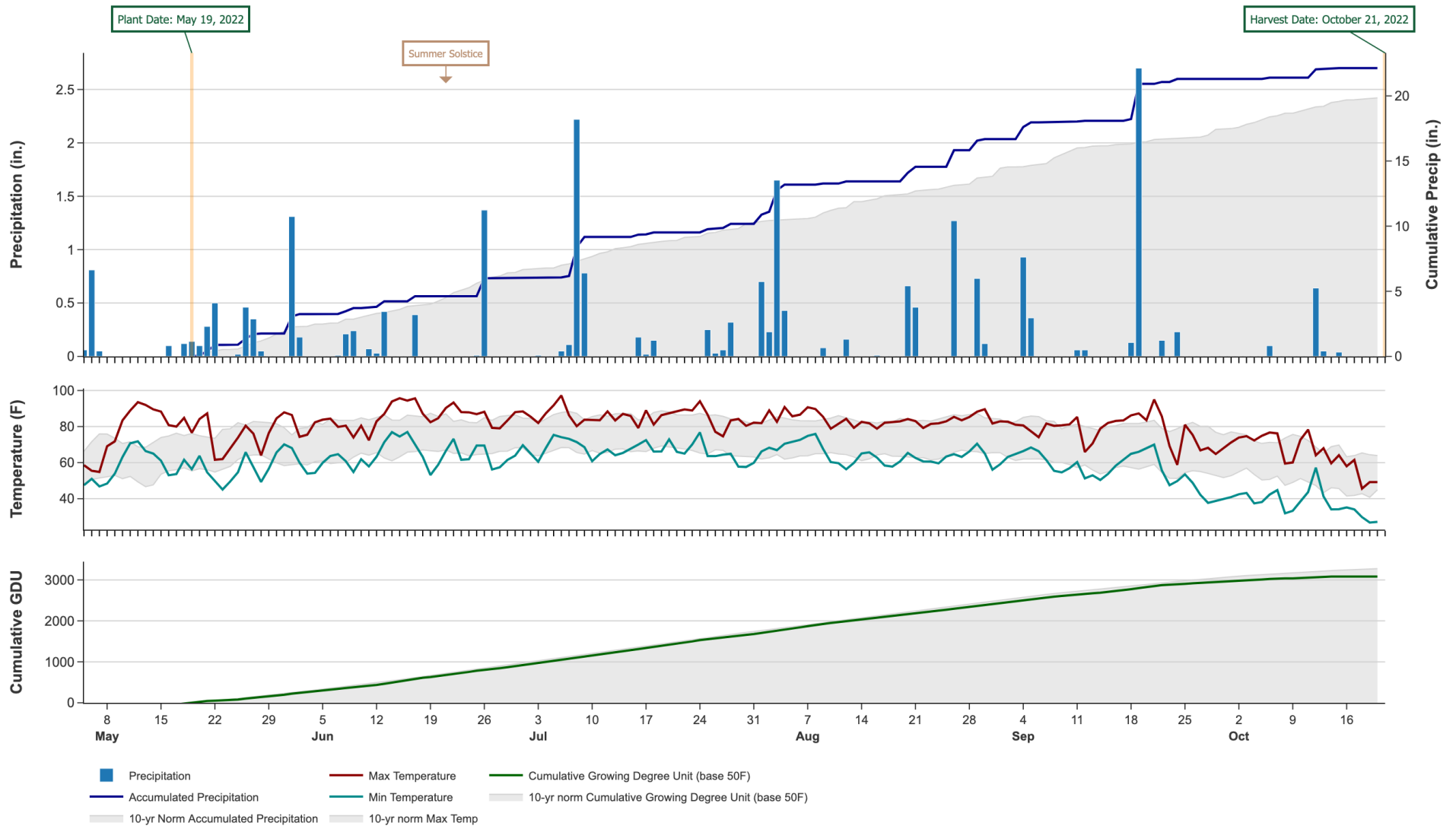
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# 2022 Soybeans - Illinois South Central [ ILSC ]

## Weather Conditions Summary at WILLIAMSVILLE, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	3.0   4.1 (-1.0)	4.2   4.5 (-0.3)	4.2   3.9 (+0.3)	6.5   3.5 (+3.0)	4.6   3.6 (+1.0)	0.8   2.4 (-1.5)	23.4   22.0 (+1.4)
GDU   Normal (Diff)	457   422 (+34)	696   711 (-15)	787   796 (-9)	740   742 (-2)	532   576 (-44)	130   213 (-83)	3342   3461 (-119)



\* 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 South Central [ ILSC ]

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

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G3577E3	E3,ST	R	3.5	ASfi,SA
AgriGold	G3692XF	RXF,ST	R	3.6	ASfi,SA
AgriGold	G3875E3	E3	R	3.8	ASfi,SA
AgriGold	G4144XF	RXF,ST	R	4.1	ASfi,SA
Apex	AE3330S	E3	R	3.3	PU
Apex	AE3720S	E3,ST	R	3.7	PU
Apex	AE3920	E3	R	3.9	PU
Asgrow	AG38XF1 §	RXF	R	3.8	ACi
Asgrow	AG38XF3 §	RXF	R	3.8	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi,IL
Burrus	3875E	E3	R	3.8	PS
Cornelius	CB39XF19	RXF	R	3.9	PG+
Cornelius	CB41XF23	RXF	R	4.1	PG+
DONMARIO	DM34E11	E3	R	3.4	CMBV
DONMARIO	DM37E43S	E3,ST	R	3.7	CMBV
DONMARIO	DM41E73	E3	R	4.1	CMBV
DONMARIO	DM41F33S	RXF,ST	R	4.1	CMBV
Dyna-Gro	S37XF33	RXF	MR	3.7	EQV,Sa,Va
Dyna-Gro	S38XF22S	RXF,ST	MR	3.8	EQV,Sa,Va
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
FS HiSOY	HS 34F00	RXF	R	3.4	ACi,SA,B-200
FS HiSOY	HS 38F20	RXF	R	3.8	ACi,SA,B-200
FS HiSOY	HS 39E10	E3	R	3.9	ACi,SA,B-200
FS HiSOY	HS 40F20	RXF	R	4.0	ACi,SA,B-200
FS HiSOY	HS 41E20	E3	R	4.1	ACi,SA,B-200
FS HiSOY	HS 42E10	E3,ST	R	4.2	ACi,SA,B-200
FS HiSOY	HS 42F10	RXF	R	4.2	ACi,SA,B-200
FS HiSOY	HS 43E20	E3	R	4.3	ACi,SA,B-200
Golden Harvest	GH3373E3S §	E3,ST	R	3.3	CMBV,SA
Golden Harvest	GH3762E3S §	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH3902E3S	E3,ST	R	3.9	CMBV,SA
Golden Harvest	GH4093E3	E3	R	4.0	CMBV,SA
Lewis	3513XF	RXF	R	3.5	ACi
Lewis	3623XF	RXF	R	3.6	ACi
Lewis	3834XF	RXF	R	3.8	ACi
Lewis	4035XF	RXF	R	4.0	ACi
NK Brand	NK37-V4E3S	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK39-M8XF	RXF	R	3.9	CMBV,SA
NK Brand	NK43-Y9XFS §	RXF,ST	R	4.3	CMBV,SA
NuTech	34N02E	E3	R	3.4	Lum,Lu,IL
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	39N04E	E3	R	3.9	Lum,Lu,IL
NuTech	39N07E	E3	R	3.9	Lum,Lu,IL
NuTech	40N02E	E3	R	4.0	Lum,Lu,IL
NuTech	43N04E	E3	R	4.3	Lum,Lu,IL
P3 Genetics	2039E	E3	R	3.9	PG+
Pioneer	P34T21SE §	E3,ST	R	3.4	Lum,Lu
Pioneer	P35T01SE §	E3,ST	R	3.5	Lum,Lu
ProHarvest	36F28	RXF	R	3.6	PU
Stine	34EA12 §	E3	R	3.4	SFI
Stine	38EF32 §	E3	R	3.8	SFI
Stine	41EE62 §	E3	R	4.1	SFI
Stone	2XF3843	RXF	R	3.8	ACi,IL
Stone	2XF4053-SR	RXF,ST	R	4.0	ACi,IL
Xitavo	XO 3341E	E3	R	3.3	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
Xitavo	XO 3922E	E3	R	3.9	PV,IL,OB,Rey
Xitavo	XO 4132E	E3	R	4.1	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
ASfi,SA	AgriShield Max with Saltro®
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EQV,Sa,Va	Equity VIP, Saltro®, Vayantis
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.