

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

## 2022 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] TUSCOLA, IL  
Silver Top Enterprises, Curt Clapper, Douglas County, IL  
61953

<b>All-Season Test</b>	Maturity Group <b>3.3 - 4.3</b> S2022ILSC18
<b>Top 30 of 63</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Lexar Ez, Aatrex, 41% Glyphos, Defcon
<b>SOIL DESCRIPTION:</b>	Flanagan, Drummer silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 6.1 pH, 3.7% OM, 20.4 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Glyphosate 5, Flexstar Gt
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 24 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 20 142.6 /A

### TEST COMMENTS:

*This location was planted in nice conditions and had timely rains which made for very nice emergence, although it turned very dry through the summer. The plants were standing nicely and were very dry and easy to cut. There were long internodes and small clusters, with very small pods and very small seed size on the top 12 in. of the plants. No disease was noticed at this location.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Xitavo	XO 3861E ↗	E3	3.8	R	<b>74.6</b>	6.6	4	129.3	1007	1
NuTech	34N02E ↗	E3	3.4	R	<b>72.3</b>	6.4	8	134.3	976	2
Golden Harvest	GH3373E3S § ↗	E3,ST	3.3	R	<b>71.6</b>	6.6	6	147.0	967	3
NuTech	40N02E ↗	E3	4.0	R	<b>70.4</b>	6.6	6	142.0	950	4
Lewis	3513XF ↗	RXF	3.5	R	<b>70.3</b>	6.2	6	144.3	949	5
Asgrow	AG38XF3 § ↗	RXF	3.8	R	<b>68.8</b>	6.6	8	144.3	929	6
FS HiSOY	HS 39E10 ↗	E3	3.9	R	<b>67.8</b>	6.6	10	139.3	915	7
Apex	AE3920 ↗	E3	3.9	R	<b>67.7</b>	6.5	4	144.3	914	8
FS HiSOY	HS 38F20 ↗	RXF	3.8	R	<b>67.2</b>	6.5	4	136.7	907	9
Golden Harvest	GH4093E3 ↗	E3	4.0	R	<b>66.6</b>	7.6	6	139.3	899	10
Stine	34EA12 § ↗	E3	3.4	R	<b>65.9</b>	6.4	6	141.7	890	11
FS HiSOY	HS 42E10 ↗	E3,ST	4.2	R	<b>65.9</b>	7.4	6	144.3	890	12
Stone	2XF3843 ↗	RXF	3.8	R	<b>65.6</b>	6.1	6	147.0	886	13
NuTech	39N07E ↗	E3	3.9	R	65.2	6.5	4	144.3	880	14
Xitavo	XO 3752E ↗	E3	3.7	R	64.6	6.2	10	142.0	872	15
FS HiSOY	HS 42F10 ↗	RXF	4.2	R	64.0	6.6	4	139.3	864	16
NuTech	35N03E ↗	E3	3.5	R	63.9	6.3	6	154.7	863	17
AgriGold	G3692XF ↗	RXF,ST	3.6	R	63.6	6.5	8	142.0	859	18
NK Brand	NK39-M8XF ↗	RXF	3.9	R	63.3	6.2	6	151.7	855	19
Apex	AE3720S ↗	E3,ST	3.7	R	63.1	6.1	8	152.3	852	20
Xitavo	XO 3341E ↗	E3	3.3	R	63.1	6.2	10	147.0	852	21
Xitavo	XO 3402E ↗	E3	3.4	R	62.9	6.3	3	144.3	849	22
Pioneer	P35T01SE § ↗	E3,ST	3.5	R	62.7	6.2	4	152.0	846	23
Xitavo	XO 3483E ↗	E3,ST	3.4	MR	62.7	6.1	7	157.3	846	24
Cornelius	CB41XF23 ↗	RXF	4.1	R	62.7	6.5	7	134.3	846	25
DONMARIO	DM41E73 ↗	E3	4.1	R	62.4	7.0	4	152.3	842	26
Lewis	3834XF ↗	RXF	3.8	R	62.4	6.3	4	142.0	842	27
Lewis	4035XF ↗	RXF	4.0	R	62.3	7.6	4	149.7	841	28
Stine	38EF32 § ↗	E3	3.8	R	61.8	6.6	6	136.7	834	29
AgriGold	G3577E3 ↗	E3,ST	3.5	R	61.6	6.1	8	142.0	832	30

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Averages = **61.3** **6.6** **5** **142.6** **827**

LSD (0.10) = 4.3 0.3 ns

LSD (0.25) = 2.3 0.2 ns

C.V. = 6.7 Historic yield: 55.61 bu/a, 21 yr(s)

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

Report Date: 10/21/2022

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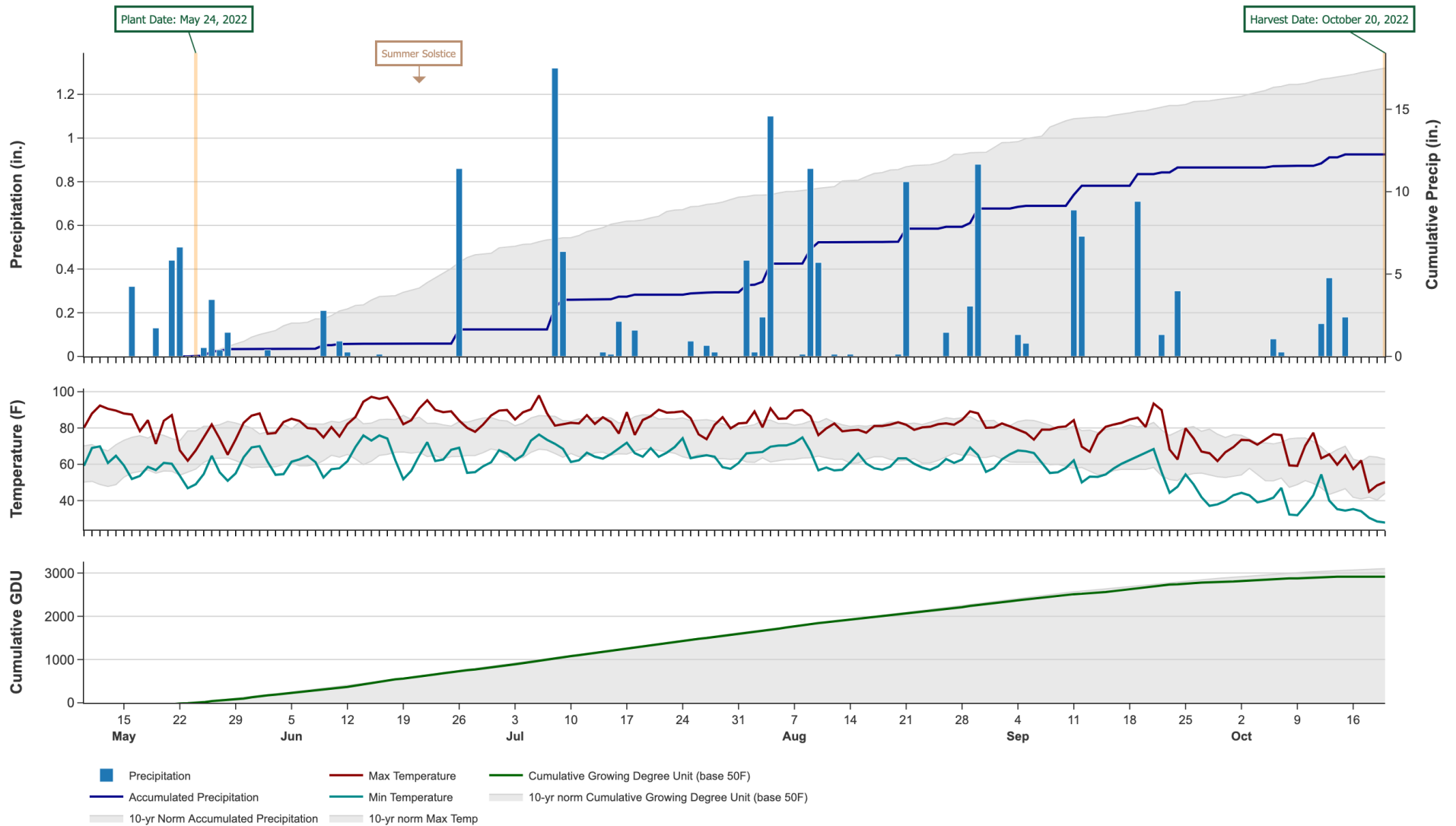
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2022 Soybeans - Illinois South Central [ ILSC ]

## Weather Conditions Summary at TUSCOLA, IL

Weather Data Retrieved: 10/22/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	1.8   3.1 (-1.3)	1.2   5.1 (-3.9)	2.2   3.4 (-1.2)	5.1   2.7 (+2.4)	2.5   3.3 (-0.8)	0.8   1.9 (-1.1)	13.7   19.5 (-5.8)
GDU   Normal (Diff)	414   356 (+57)	688   692 (-4)	770   772 (-2)	699   712 (-13)	512   560 (-48)	122   211 (-89)	3205   3305 (-100)



\* 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.