

Test by: Effingham, IL

## 2022 Soybeans Top 30 Harvest Report

Illinois South [ILSO] FLORA, IL  
Kent Warren, Clay County, IL 62824

<b>All-Season Test</b>	Maturity Group <b>3.5 - 4.5</b> S2022ILSO02
<b>Top 30 of 70</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Lexar, Atrazine, Round Up
<b>SOIL DESCRIPTION:</b>	Wynoose silt loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	low P, low K, 5.3 pH, 1.8% OM, 10.9 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Gramoxone, Prefix, Liberty
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 12 139.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 14 68.2 /A

### TEST COMMENTS:

*This no-till location was planted in early May. Substantial rain events in later May damaged the emergence. The population was thin but very consistent. June and July had below-normal rainfall, then in August, a 5" plus rain event over-saturated the location. Then the rain shut off in September. All varieties were below normal in height. There was very little lodging over all varieties. The yields and moistures were consistent. Yields were expected to be lower, based on what this location went through. Good stress results with a great cooperater.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK44-Q5E3S § ↗	E3,ST	4.4	R	<b>59.0</b>	11.4	2	82.0	805	1
DONMARIO	DM41E73 ↗	E3	4.1	R	<b>53.5</b>	11.7	1	58.7	730	2
FS HiSOY	HS 45E00 ↗	E3	4.5	R	<b>52.5</b>	12.4	1	88.3	717	3
Pioneer	P42A84E § ↗	E3	4.2	R	<b>52.3</b>	11.7	2	71.0	714	4
Dyna-Gro	S42XF93S ↗	RXF,ST	4.2	MR	<b>52.2</b>	11.5	2	63.3	713	5
DONMARIO	DM3756E ↗	E3	3.7	R	<b>51.9</b>	11.6	1	74.7	708	6
Stine	40EB22 § ↗	E3	4.0	R	<b>51.6</b>	11.5	2	62.0	704	7
AgriGold	G3577E3 ↗	E3,ST	3.5	R	<b>51.6</b>	11.6	1	69.3	704	8
FS HiSOY	HS 38E20 ↗	E3,ST	3.8	R	50.1	12.1	1	65.0	684	9
NuTech	47N04E § ↗	E3	4.7	NA	49.8	11.8	2	65.0	680	10
Xitavo	XO 3803E ↗	E3,ST	3.8	MR	49.8	11.8	1	66.7	680	11
NuTech	43N04E ↗	E3	4.3	R	49.7	11.4	2	58.7	678	12
Stine	36EB32 GC ↗	E3	3.6	R	49.6	11.8	1	58.7	677	13
Great Heart	GT-4042XF ↗	RXF	4.0	R	49.6	11.6	4	72.7	677	14
Great Heart	GT-3894ES ↗	E3,ST	3.8	R	49.4	11.7	1	60.3	674	15
Golden Harvest	GH4343XFS ↗	RXF,ST	4.3	R	49.3	11.7	1	74.3	673	16
ProHarvest	39E34S ↗	E3	3.9	R	49.2	11.3	2	54.3	672	17
Dyna-Gro	S41EN72 ↗	E3	4.1	R	49.1	11.8	2	74.7	670	18
Asgrow	AG40XF1 § ↗	RXF,ST	4.0	R	49.1	11.8	2	65.0	670	19
NuTech	35N03E ↗	E3	3.5	R	49.1	12.0	1	60.3	670	20
Asgrow	AG43XF2 GC ↗	RXF	4.3	NA	48.8	11.4	1	71.3	666	21
FS HiSOY	HS 42F10 ↗	RXF	4.2	R	48.7	11.7	4	74.3	665	22
NuTech	45N09E ↗	E3	4.5	R	48.6	11.6	2	69.7	663	23
FS HiSOY	HS 40F20 ↗	RXF	4.0	R	48.2	11.5	1	68.0	658	24
AgriGold	G4144XF ↗	RXF,ST	4.1	R	48.0	11.5	6	69.7	655	25
AgVenture	AV38V3E ↗	E3	3.8	MR	47.9	11.7	1	65.0	654	26
Pioneer	P40A36E GC ↗	E3	4.0	NA	47.4	11.5	1	82.0	647	27
Golden Harvest	GH3902E3S ↗	E3,ST	3.9	R	47.4	11.7	5	63.3	647	28
NuTech	34N02E GC ↗	E3	3.4	R	47.3	11.7	2	63.7	646	29
NK Brand	NK37-V4E3S ↗	E3,ST	3.7	MR	47.2	12.1	2	63.7	644	30

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Averages = **46.8** **11.7** **2** **68.2** **637**

LSD (0.10) = 4.7 ns 2

LSD (0.25) = 2.4 ns 1

C.V. = 9.5 Historic yield: 53.63 bu/a, 7 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.65

Report Date: 10/15/2022

† 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](http://www.firstseedtests.com)

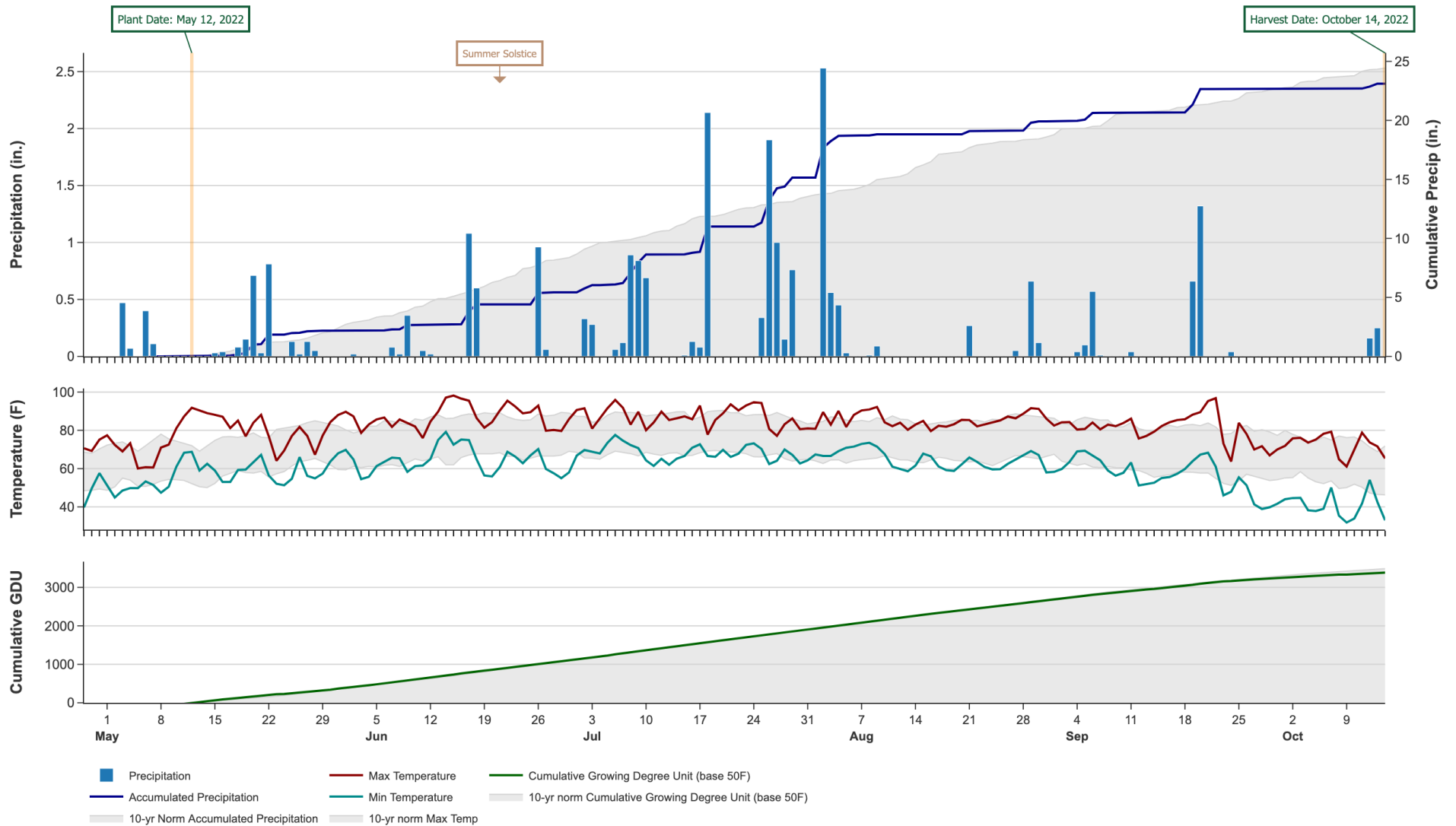
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# 2022 Soybeans - Illinois South [ ILSO ]

## Weather Conditions Summary at FLORA, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   Normal (Diff)	0.0   1.0 (-1.0)	3.2   4.5 (-1.3)	3.2   6.0 (-2.7)	9.7   5.2 (+4.5)	4.8   5.0 (-0.3)	2.8   4.1 (-1.3)	0.4   1.7 (-1.3)	24.2   27.5 (-3.4)
GDU   Normal (Diff)	36   28 (+7)	530   510 (+19)	725   740 (-15)	813   821 (-8)	760   770 (-10)	571   604 (-33)	147   192 (-45)	3582   3668 (-86)



\* 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 [ ILSO ]

### All-Season Test Products (70 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
AgVenture	AV38V3E	E3	MR	3.8	F,I,SA
AgVenture	AV39Y3E	E3	MR	3.9	F,I,SA
AgVenture	AV41Y5E	E3	MR	4.1	F,I,SA
AgVenture	AV43V6E	E3	MR	4.3	F,I,SA
Apex	AE3920	E3	R	3.9	PU
Apex	AE4120	E3	R	4.1	PU
Asgrow	AG37XF1 GC	RXF	R	3.7	ACi
Asgrow	AG38XF1 §	RXF	R	3.8	ACi
Asgrow	AG38XF3 §	RXF	R	3.8	ACi,IL
Asgrow	AG40XF1 §	RXF,ST	R	4.0	ACi
Asgrow	AG41XF2 GC	RXF	R	4.1	ACi
Asgrow	AG42XF2 GC	RXF	NA	4.2	Untreated
Asgrow	AG43XF2 GC	RXF	NA	4.3	Untreated
DONMARIO	DM3756E	E3	R	3.7	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	S38XF22S	RXF,ST	MR	3.8	EQV,Sa,Va
Dyna-Gro	S41EN72	E3	R	4.1	EQV,Sa,Va
Dyna-Gro	S42XF93S	RXF,ST	MR	4.2	EQV,Sa,Va
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
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 42F10	RXF	R	4.2	ACi,SA,B-200
FS HiSOY	HS 43E20	E3	R	4.3	ACi,SA,B-200
FS HiSOY	HS 44F20	RXF	R	4.4	ACi,SA,B-200
FS HiSOY	HS 45E00	E3	R	4.5	ACi,SA,B-200
Golden Harvest	GH3762E3S §	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH3902E3S	E3,ST	R	3.9	CMBV,SA
Golden Harvest	GH4343XFS	RXF,ST	R	4.3	CMBV,SA
Great Heart	GT-3894ES	E3,ST	R	3.8	Gr+
Great Heart	GT-4039E	E3	R	4.0	Gr+
Great Heart	GT-4042XF	RXF	R	4.0	Gr+
NK Brand	NK37-V4E3S	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK44-Q5E3S §	E3,ST	R	4.4	CMBV,SA
NuTech	34N02E GC	E3	R	3.4	Lum,Lu,IL
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
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
NuTech	45N09E	E3	R	4.5	Lum,Lu,IL
NuTech	47N04E §	E3	NA	4.7	Lum,Lu,IL
Pioneer	P37T33E §	E3	MR	3.7	Lum,Lu,IL
Pioneer	P38T76E §	E3	NA	3.8	Lum,Lu,IL
Pioneer	P40A36E GC	E3	NA	4.0	Lum,Lu
Pioneer	P42A84E §	E3	R	4.2	Lum,Lu,IL
ProHarvest	39E34S	E3	R	3.9	PU
Stine	36EB32 GC	E3	R	3.6	SFI
Stine	36EE12 GC	E3	R	3.6	SFI
Stine	38EF32 §	E3	R	3.8	SFI
Stine	39EC22 GC	E3	R	3.9	SFI
Stine	40EB22 §	E3	R	4.0	SFI
Stine	44EE20 §	E3	R	4.4	SFI
Stone	2XF3843	RXF	R	3.8	ACi,IL
Stone	2XF4053-SR	RXF,ST	R	4.0	ACi,IL
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 3803E	E3,ST	MR	3.8	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
Xitavo	XO 4522E	E3	R	4.5	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
F,I,SA	Fungicide, Insecticide, Saltro®
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SF1	Stine XP F&I
Untreated	No seed treatment

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