

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

2022 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] FORSYTH, IL
Jim Cullison, Macon County, IL 61913

All-Season Test	Maturity Group 3.3 - 4.3 S2022ILSC17
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Lexar Ez, Roundup Powermax, Trivapro, Defcon
SOIL DESCRIPTION:	Dana, Flanagan silt loam, well drained, non-irrigated
SOIL CONDITION:	medium P, high K, 6.3 pH, 3.4% OM, 16.7 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Boundary, Sulfentrazone, Liberty, Prefix, Miravis Top, Endigo Zcx
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 24 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 20 126.3 /A

TEST COMMENTS:

This location was planted in nice soil conditions and had good emergence. The plot stayed healthy and looked very nice all year long. Plants stood very well however the dry weather during the growing season had a large effect on the production of pods on the top half of the plants. There were very small pods and very small seed sizes in the entire location. Some of the fuller season varieties were still holding on to a few green stems. The plot as a whole was very dry and easy to harvest.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ProHarvest	36F28 ↗	RXF	3.6	R	77.8	8.5	6	108.7	1050	1
NK Brand	NK39-M8XF ↗	RXF	3.9	R	77.4	7.7	3	119.0	1045	2
Apex	AE3720S ↗	E3,ST	3.7	R	77.1	8.3	6	129.3	1041	3
Apex	AE3920 ↗	E3	3.9	R	76.6	8.8	5	119.3	1034	4
Lewis	3834XF ↗	RXF	3.8	R	75.6	8.1	4	131.7	1021	5
FS HISOY	HS 38F20 ↗	RXF	3.8	R	75.3	8.0	4	119.0	1017	6
AgriGold	G3692XF ↗	RXF,ST	3.6	R	74.6	8.6	7	121.7	1007	7
Xitavo	XO 3752E ↗	E3	3.7	R	73.9	8.5	4	124.3	998	8
Xitavo	XO 3861E ↗	E3	3.8	R	73.2	9.2	6	121.7	988	9
DONMARIO	DM34E11 ↗	E3	3.4	R	72.9	8.3	4	126.7	984	10
Apex	AE3330S ↗	E3	3.3	R	72.4	7.8	4	131.7	977	11
Stine	38EF32 § ↗	E3	3.8	R	71.4	8.4	4	114.0	964	12
FS HISOY	HS 42F10 ↗	RXF	4.2	R	71.3	8.7	7	126.7	963	13
FS HISOY	HS 40F20 ↗	RXF	4.0	R	71.2	8.5	6	131.7	961	14
NuTech	34N02E ↗	E3	3.4	R	71.2	8.0	4	129.3	961	15
NuTech	40N02E ↗	E3	4.0	R	70.2	9.3	6	121.3	948	16
NuTech	35N03E ↗	E3	3.5	R	69.8	8.0	4	124.3	942	17
Xitavo	XO 3922E ↗	E3	3.9	R	69.5	8.7	3	111.7	938	18
Golden Harvest	GH3902E3S ↗	E3,ST	3.9	R	69.5	9.3	7	139.3	938	19
NK Brand	NK43-Y9XFS § ↗	RXF,ST	4.3	R	68.8	11.7	6	116.7	929	20
AgriGold	G3875E3 ↗	E3	3.8	R	68.5	8.5	6	141.7	925	21
Xitavo	XO 3651E ↗	E3	3.6	R	68.4	8.0	6	121.7	923	22
Golden Harvest	GH3373E3S § ↗	E3,ST	3.3	R	68.3	8.2	4	124.3	922	23
AgriGold	G3577E3 ↗	E3,ST	3.5	R	68.1	7.9	4	126.7	919	24
NuTech	39N07E ↗	E3	3.9	R	68.0	8.5	4	126.7	918	25
NuTech	39N04E ↗	E3	3.9	R	67.9	8.6	4	139.0	917	26
Golden Harvest	GH4093E3 ↗	E3	4.0	R	67.8	12.8	4	144.0	915	27
Stone	2XF3843 ↗	RXF	3.8	R	67.6	7.9	4	124.0	913	28
Pioneer	P35T01SE § ↗	E3,ST	3.5	R	67.4	7.6	4	119.3	910	29
Stine	34EA12 § ↗	E3	3.4	R	67.4	7.8	3	124.0	910	30

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Averages = **67.0** **8.9** **5** **126.3** **904**

LSD (0.10) = 4.7 1.3 ns

LSD (0.25) = 2.5 0.7 ns

C.V. = 6.7

Historic yield: 59.45 bu/a, 15 yr(s)

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

Report Date: 10/20/2022

† 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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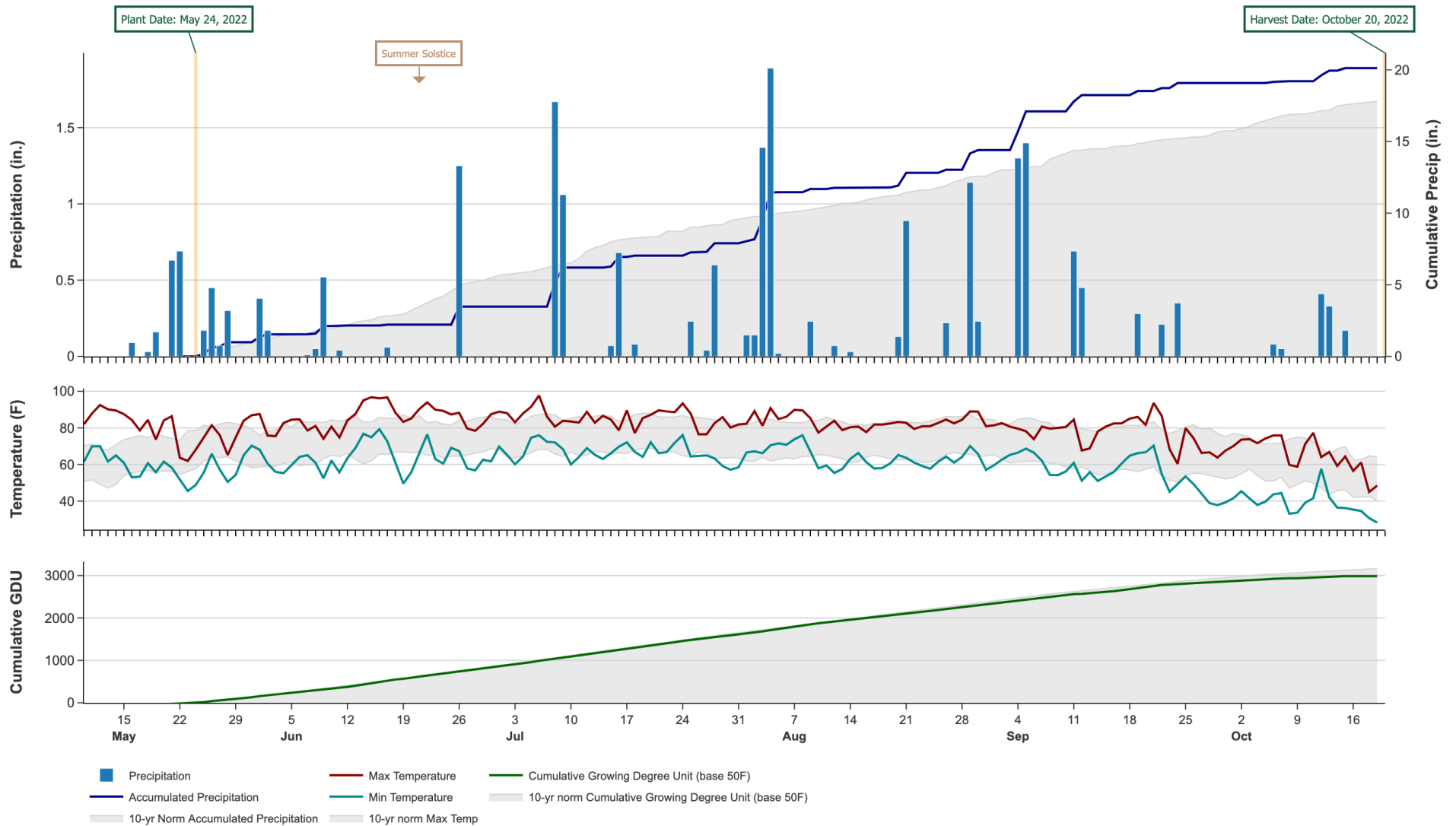
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2022 Soybeans - Illinois South Central [ILSC]

Weather Conditions Summary at FORSYTH, IL

Weather Data Retrieved: 10/20/2022

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) Normal (Diff)	2.6 3.2 (-0.6)	2.5 4.4 (-1.9)	4.4 4.1 (+0.3)	6.5 3.0 (+3.5)	4.7 3.2 (+1.5)	1.0 2.1 (-1.0)	21.7 20.0 (+1.7)
GDU Normal (Diff)	421 360 (+60)	698 706 (-8)	783 790 (-7)	721 733 (-12)	523 572 (-49)	133 206 (-73)	3279 3369 (-90)



* 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.

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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

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

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybeans Technologies

E3	Enlist™ E3
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

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

* Seed treatments may include unspecified plant health promoting components.