

Test by: Effingham, IL

2021 Soybeans Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL
John Barttelbort, St. Clair County, IL 62221

All-Season Test	Maturity Group 3.5 - 4.5 S2021ILSO04
Top 30 of 71	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Round Up, 2,4d Fb Accuron
SOIL DESCRIPTION:	Edwardsville/Mascoutah silt loam, well drained, non-irrigated
SOIL CONDITION:	high P, low K, 6.0 pH, 2.2% OM, 11.6 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Roundup, 2,4d Fb Liberty
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-0-0
SEEDED - RATE - ROW:	May 31 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 6 98.1 /A

TEST COMMENTS:

This location was planted on Memorial Day in fairly heavy conditions. This test didn't suffer through the cool period of May, and populations were good. The plant heights were above normal. Virtually all varieties were leaning and experienced lodging. The yields were very consistent with the fields surrounding. All varieties had large seed sizes. This location was spotless for weeds and looked great all summer. It was a good trial with a great cooperator.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	G3957E3 ↗	E3	3.9	R	74.9	13.0	7	104.5	868	1
Loyal	L3940E ↗	E3	3.9	R	70.3	12.7	19	100.3	816	2
NuTech	39N05E ↗	E3	3.9	R	70.0	12.3	13	108.7	813	3
Asgrow	AG40XF1 § ↗	RXF	4.0	R	67.5	12.8	17	102.0	784	4
Donmario	DM3756E ↗	E3	3.7	R	67.0	12.7	7	91.7	778	5
Asgrow	AG40XF0 GC ↗	RXF	4.0	R	66.9	12.6	8	103.0	777	6
FS HiSOY	40F10 ↗	RXF	4.0	R	66.8	12.6	7	93.3	776	7
Stone	2XF4442-SR ↗	RXF	4.4	R	66.7	12.7	23	93.3	774	8
FS HiSOY	42E10 ↗	E3,ST	4.2	R	66.1	12.8	4	92.0	767	9
Golden Harvest	GH4452XFS ↗	RXF,ST	4.4	MR	66.1	12.6	11	96.3	767	10
Xitavo	XO 3651E ↗	E3	3.6	R	65.4	12.7	40	103.3	759	11
FS HiSOY	44F10 ↗	RXF	4.4	R	64.8	12.9	11	110.0	752	12
Stine	40EC20 § ↗	E3	4.0	R	64.8	12.7	18	92.0	752	13
Great Heart	GT-4042XF ↗	RXF	4.0	R	64.3	12.6	19	83.7	747	14
FS HiSOY	42F10 ↗	RXF	4.2	R	64.2	12.6	26	85.0	745	15
NK Brand	NK43-V8XF ↗	RXF	4.3	MR	64.0	12.5	42	102.0	743	16
Asgrow	AG35XF1 § ↗	RXF	3.5	R	63.9	12.7	15	97.7	742	17
Donmario	DM3932E ↗	E3	3.9	R	63.7	12.6	8	89.3	740	18
Asgrow	AG42XF1 GC ↗	RXF	4.2	R	63.6	12.9	8	99.0	738	19
Stine	42EE20 GC ↗	E3	4.2	R	63.5	12.9	18	93.3	737	20
NuTech	43N04E ↗	E3	4.3	R	63.2	12.4	60	97.7	734	21
Donmario	DM42F62 ↗	RXF	4.2	NA	63.1	12.5	39	101.7	733	22
FS HiSOY	39F10 ↗	RXF	3.9	R	62.9	12.6	10	96.3	730	23
Stine	43EE02 GC ↗	E3	4.3	R	62.7	12.6	3	93.3	728	24
Asgrow	AG38XF1 § ↗	RXF	3.8	R	62.6	12.7	26	95.0	727	25
Apex	AE3520 ↗	E3	3.5	R	62.1	12.6	18	104.7	721	26
NuTech	39N04E ↗	E3	3.9	R	61.9	12.6	15	117.0	719	27
Apex	AE4120 ↗	E3	4.1	R	61.8	12.4	53	106.0	717	28
NuTech	41N03E ↗	E3	4.1	R	61.8	12.7	6	97.7	717	29
Golden Harvest	GH4392XF ↗	RXF	4.3	MR	61.3	12.9	68	106.0	712	30

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Averages = **60.2** **12.6** **27** **98.1** **700**

LSD (0.10) = 6.0 ns 19

LSD (0.25) = 3.1 ns 10

C.V. = 9.4

Historic yield: 56.06 bu/a, 19 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.03 Prices: GMO = \$11.61

Report Date: 11/07/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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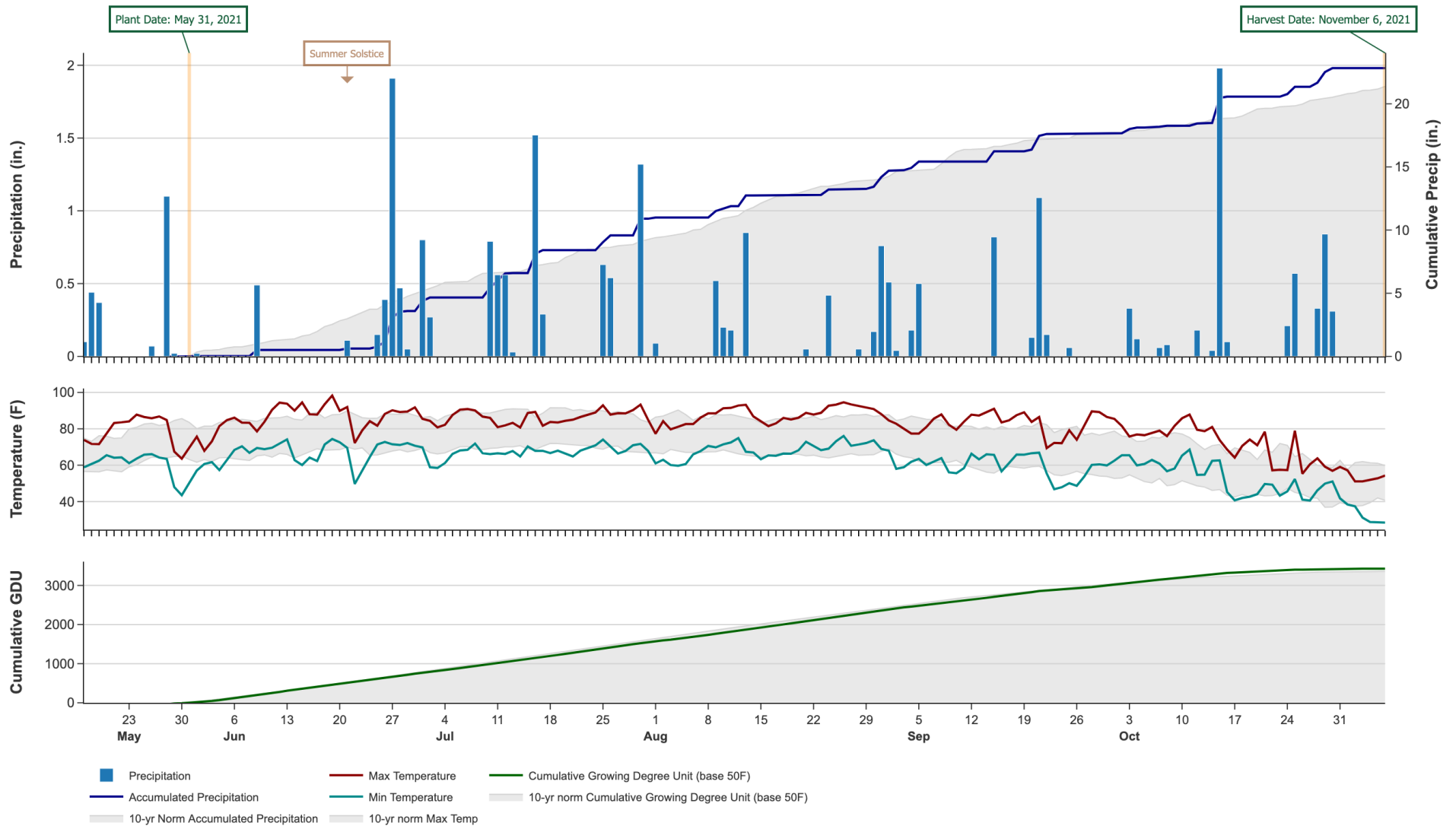
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2021 Soybeans - Illinois South [ILSO]

Weather Conditions Summary at BELLEVILLE, IL

Weather Data Retrieved: 11/07/2021

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	2.1 2.4 (-0.3)	3.6 5.0 (-1.4)	7.3 4.3 (+3.0)	3.3 4.8 (-1.5)	3.5 3.7 (-0.2)	5.2 3.0 (+2.2)	0.0 0.7 (-0.7)	24.9 23.8 (+1.1)
GDU Normal (Diff)	293 301 (-8)	745 766 (-21)	808 855 (-47)	821 805 (+15)	631 609 (+21)	424 307 (+116)	0 16 (-16)	3722 3661 (+60)



* 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 (71 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgriGold	G3451E3	E3	R	3.4	ASfi,SA
AgriGold	G3490XF	RXF	R	3.4	ASfi,SA
AgriGold	G3630XF	RXF	R	3.6	ASfi,SA
AgriGold	G3755E3	E3	R	3.7	ASfi,SA
AgriGold	G3957E3	E3	R	3.9	ASfi,SA
Apex	AE3520	E3	R	3.5	CMBV,SA
Apex	AE3720S	E3,ST	R	3.6	CMBV,SA
Apex	AE3920	E3	R	3.9	CMBV,SA
Apex	AE4120	E3	R	4.1	CMBV,SA
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG38XF1 §	RXF	R	3.8	ACi,IL
Asgrow	AG40XF0 GC	RXF	R	4.0	Untreated
Asgrow	AG40XF1 §	RXF	R	4.0	ACi,IL
Asgrow	AG42XF1 GC	RXF	R	4.2	Untreated
DONMARIO	DM3756E	E3	R	3.7	CMBV
DONMARIO	DM37F51	RXF	NA	3.7	BPS-SDS
DONMARIO	DM3932E	E3	R	3.9	BPS-SDS
DONMARIO	DM40E62	E3	NA	4.0	CMBV
DONMARIO	DM42F62	RXF	NA	4.2	CMBV
Dyna-Gro	S40XF21S	RXF,ST	R	4.0	EQV,SA
Dyna-Gro	S41EN72	E3	R	4.1	EQV,SA
Dyna-Gro	S41ES80	E3	R	4.1	EQV,SA
Dyna-Gro	S43EN61	E3	R	4.3	EQV,SA
FS HiSOY	39E10	E3	R	3.9	NA
FS HiSOY	39F10	RXF	R	3.9	ACi,B-200
FS HiSOY	40F10	RXF	R	4.0	NA
FS HiSOY	42E10	E3,ST	R	4.2	ACi,B-200
FS HiSOY	42F10	RXF	R	4.2	ACi,B-200
FS HiSOY	43E00	E3	R	4.3	ACi,B-200
FS HiSOY	44F10	RXF	R	4.4	ACi,B-200
FS HiSOY	45E00	E3	R	4.5	ACi,B-200
Genesis	G3560E	E3	R	3.5	CMBV,SA
Genesis	G3760ES	E3,ST	R	3.7	CMBV,SA
Genesis	G3960E	E3	R	3.9	CMBV,SA
Genesis	G4160E	E3	R	4.1	CMBV,SA
Golden Harvest	GH3512E3S	E3,ST	MR	3.5	CMBV,SA
Golden Harvest	GH3732XF	RXF	R	3.7	CMBV,SA
Golden Harvest	GH3762E3S	E3,ST	MR	3.7	CMBV,SA
Golden Harvest	GH3902E3S §	E3,ST	R	3.9	CMBV,SA
Golden Harvest	GH3952XF §	RXF	R	3.9	CMBV,SA
Golden Harvest	GH4072E3	E3	MR	4.0	CMBV,SA
Golden Harvest	GH4392XF	RXF	MR	4.3	CMBV,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Golden Harvest	GH4452XFS	RXF,ST	MR	4.4	CMBV,SA
Great Heart	GT-3702XF	RXF	R	3.7	Gr+
Great Heart	GT-4042XF	RXF	R	4.0	Gr+
Loyal	L3940E	E3	R	3.9	CMBV,SA
NK Brand	NK37-V4E3S §	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK39-A1XF	RXF	R	3.9	CMBV,SA
NK Brand	NK40-U7E3	E3	R	4.0	CMBV,SA
NK Brand	NK43-V8XF	RXF	MR	4.3	CMBV,SA
NuTech	35N03E	E3	R	3.5	Lum,Lu,IL
NuTech	37N01E	E3	R	3.7	Lum,Lu,IL
NuTech	39N04E	E3	R	3.9	Lum,Lu,IL
NuTech	39N05E	E3	R	3.9	Lum,Lu,IL
NuTech	41N03E	E3	R	4.1	Lum,Lu,IL
NuTech	43N04E	E3	R	4.3	Lum,Lu,IL
NuTech	45N04E	E3	R	4.5	Lum,Lu,IL
NuTech	45N08E	E3	R	4.5	Lum,Lu,IL
Pioneer	P35T01SE §	E3,ST	R	3.5	NA
Pioneer	P38T05E §	E3	R	3.8	Lum,IL
Pioneer	P42T31E §	E3	R	4.2	Lum,Lu,IL
Stine	36EB32 §	E3	R	3.6	SFI
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Stine	42EE20 GC	E3	R	4.2	NA
Stine	43EE02 GC	E3	R	4.3	NA
Stone	2XF3632	RXF	R	3.6	ACi,IL
Stone	2XF4442-SR	RXF	R	4.4	ACi,IL
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB
Xitavo	XO 3861E	E3,ST	R	3.8	PV,IL,OB
Xitavo	XO 4371E	E3	R	4.3	PV,IL,OB

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,B-200	Acceleron® Standard Insecticide-Fungicide, B-200 SAT
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ASfi,SA	AgriShield Max with Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EQV,SA	Equity VIP, Saltro®
Gr+	Great Start Max Plus (Great Heart Seed)
Lum,IL	LumiGEN™ plus ILeVO
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.