

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

2021 Soybeans Top 30 Harvest Report

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

All-Season Test	Maturity Group 3.3 - 4.3 S2021ILSC20
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Resicore, Resicore, Roundup, Brabdt Smart Trio Micro, Quilt Xcel, Brandtb Moly, Force
SOIL DESCRIPTION:	Oscosilt loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, high K, 7.3 pH, 2.7% OM, 15.5 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Sonic, Everprex, Liberty, Miravis Top, Endigo
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 14 160.0 /A 15" spacing
HARVESTED - STAND:	Nov 6 139.2 /A

TEST COMMENTS:

This location was planted in almost perfect soil conditions. Excellent growing conditions all season long led to very tall and healthy plants in the entire plot leading to some lodging issues. In some of the varieties, leaves and green stems were still noticed towards the base of the plant even this late in the season, making for some tough cutting. There were large seed size and large clusters from top to bottom through most of this location.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Lewis	3513XF ↗	RXF	3.5	R	92.3	14.1	22	131.0	1200	1
Great Heart	GT-4042XF ↗	RXF	4.0	R	91.9	14.2	23	130.7	1195	2
Genesis	G4160E ↗	E3	4.1	R	90.0	13.9	32	133.7	1170	3
NK Brand	NK37-V4E3S § ↗	E3,ST	3.7	MR	89.3	14.2	29	136.7	1161	4
Dyna-Gro	S37E52 ↗	E3	3.7	R	88.4	13.7	20	136.3	1149	5
NuTech	43N04E ↗	E3	4.3	R	88.1	14.5	18	139.3	1145	6
Stine	36EB32 § ↗	E3	3.6	R	86.3	14.4	14	142.3	1122	7
NK Brand	NK37-Z9XF ↗	RXF	3.7	R	85.9	14.5	11	134.0	1117	8
Donmario	DM37F51 ↗	RXF	3.7	NA	85.4	13.9	22	139.7	1110	9
NuTech	37N01E ↗	E3	3.7	R	85.1	13.9	17	136.7	1106	10
Apex	AE4120 ↗	E3	4.1	R	85.1	14.2	32	153.3	1106	11
Great Heart	GT-3702XF ↗	RXF	3.7	R	84.1	14.0	25	142.3	1093	12
Golden Harvest	GH3952XF § ↗	RXF	3.9	R	84.1	14.0	17	145.0	1093	13
Pioneer	P34T21SE § ↗	E3,ST	3.4	R	84.0	14.2	27	147.7	1092	14
AgriGold	G3630XF ↗	RXF	3.6	R	82.9	13.8	29	150.3	1078	15
Xitavo	XO 3861E ↗	E3,ST	3.8	R	82.8	13.7	19	147.7	1076	16
Lewis	3713XF ↗	RXF	3.7	R	82.1	14.5	26	133.7	1067	17
NK Brand	NK34-G1XF ↗	RXF	3.4	MR	82.0	13.5	19	119.7	1066	18
Loyal	L3641ES ↗	E3,ST	3.6	R	81.9	14.5	25	145.0	1065	19
FS HiSOY	37E10 ↗	E3	3.7	R	81.8	14.0	17	134.0	1063	20
FS HiSOY	42F10 ↗	RXF	4.2	R	81.2	14.0	32	147.7	1056	21
Genesis	G3560E ↗	E3	3.5	R	80.9	14.7	22	142.3	1052	22
Asgrow	AG38XF1 § ↗	RXF	3.8	R	79.8	14.2	6	136.7	1037	23
Apex	AE3720S ↗	E3,ST	3.6	R	79.8	14.0	29	159.0	1037	24
Stone	2XF3731 ↗	RXF	3.7	R	79.8	14.3	17	145.0	1037	25
Apex	AE3920 ↗	E3	3.9	R	79.7	14.8	14	153.7	1036	26
Donmario	DM34E52 ↗	E3	3.4	NA	79.7	15.2	29	145.0	1036	27
Dyna-Gro	S37XF42 ↗	RXF	3.7	MR	79.6	13.9	9	136.3	1035	28
Xitavo	XO 3651E ↗	E3	3.6	R	79.3	14.5	11	128.3	1031	29
Donmario	DM3756E ↗	E3	3.7	R	79.1	13.9	19	142.0	1028	30

Nathan Roux

Nathan Roux

nathan.g.roux@gmail.com, (815) 716-3794

Averages = **78.0** **14.3** **22** **139.2** **1013**

LSD (0.10) = 3.0 0.5 9

LSD (0.25) = 1.6 0.3 5

C.V. = 3.7

Historic yield: 74.38 bu/a, 3 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.00

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

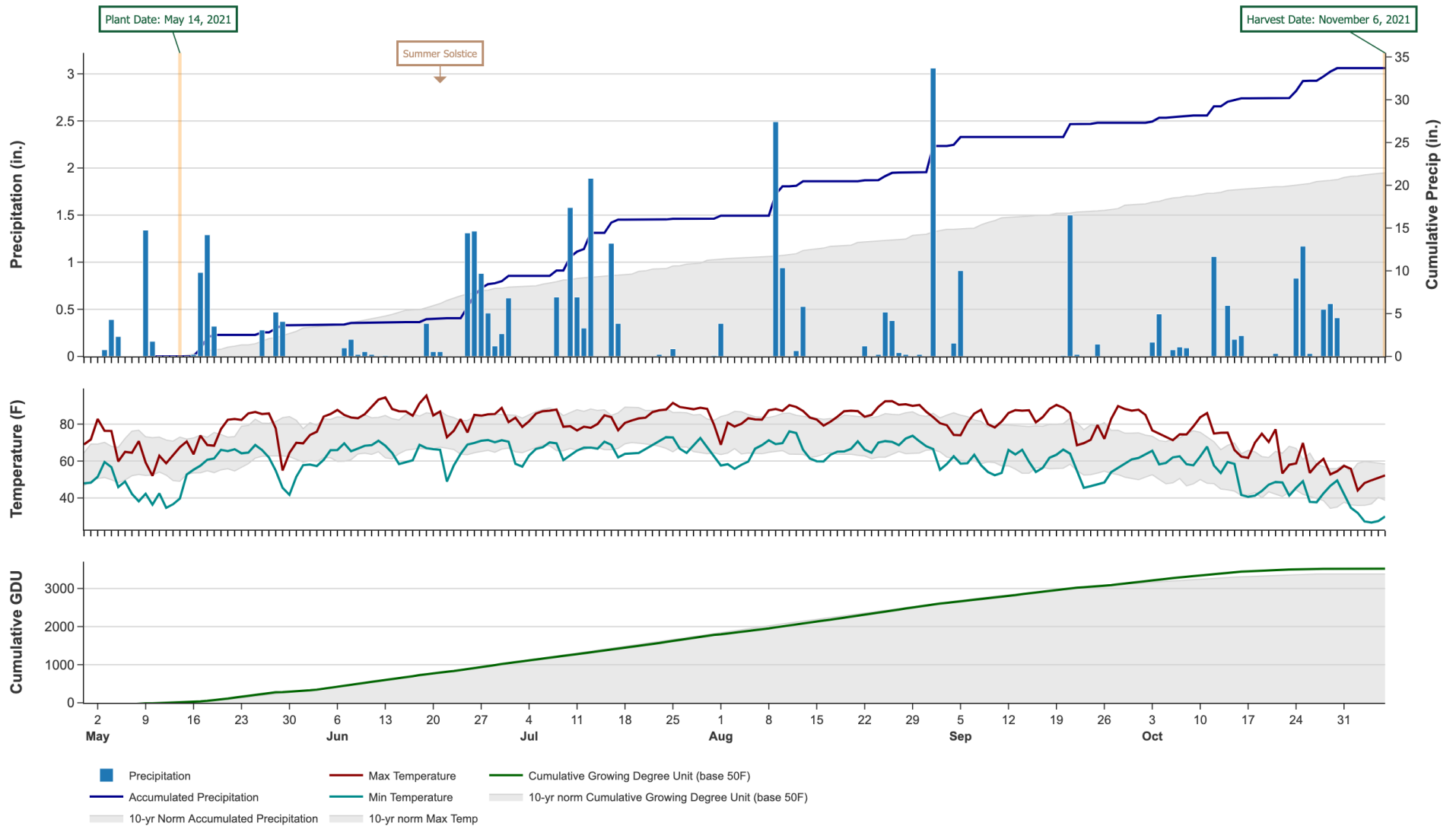
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2021 Soybeans - Illinois South Central [ILSC]

Weather Conditions Summary at WILLIAMSVILLE, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	0.0 0.4 (-0.4)	5.8 5.0 (+0.9)	5.2 5.0 (+0.1)	7.3 3.4 (+3.9)	5.4 3.0 (+2.5)	5.8 3.4 (+2.3)	6.4 3.2 (+3.2)	0.0 0.5 (-0.5)	35.9 23.9 (+12.0)
GDU Normal (Diff)	10 7 (+2)	411 463 (-52)	719 711 (+7)	764 809 (-45)	779 750 (+28)	593 556 (+36)	364 248 (+115)	0 0 (0)	3640 3546 (+93)



* 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 (72 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
Apex	AE3420	E3	R	3.4	CMBV,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	AG37XF2 §	RXF,ST	R	3.7	ACi,IL
Asgrow	AG38XF1 §	RXF	R	3.8	ACi,IL
DONMARIO	DM34E52	E3	NA	3.4	CMBV
DONMARIO	DM3756E	E3	R	3.7	CMBV
DONMARIO	DM37F51	RXF	NA	3.7	BPS-SDS
DONMARIO	DM39F62	RXF	NA	3.9	CMBV
DONMARIO	DM40E62	E3	NA	4.0	CMBV
Dyna-Gro	S36XF12	RXF	R	3.6	EQV,SA
Dyna-Gro	S37ES52	E3	R	3.7	EQV,SA
Dyna-Gro	S37XF42	RXF	MR	3.7	EQV,SA
FS HiSOY	35E10	E3	R	3.5	ACi,B-200
FS HiSOY	37E10	E3	R	3.7	AC,PV,B-200
FS HiSOY	38F10	RXF	R	3.8	ACi,B-200
FS HiSOY	39F10	RXF	R	3.9	ACi,B-200
FS HiSOY	41F00	RXF	R	4.1	ACi,B-200
FS HiSOY	42E10	E3,ST	R	4.2	ACi,B-200
FS HiSOY	42F10	RXF	R	4.2	ACi,B-200
Genesis	G3460E	E3	R	3.4	CMBV,SA
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
Genesis	G4350E	E3	R	4.3	CMBV,SA
Golden Harvest	GH3442XF	RXF	MR	3.4	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
Great Heart	GT-3702XF	RXF	R	3.7	Gr+
Great Heart	GT-4042XF	RXF	R	4.0	Gr+
Lewis	3325XF	RXF	R	3.3	ACi
Lewis	3417XF	RXF	R	3.4	ACi
Lewis	3513XF	RXF	R	3.5	ACi

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Lewis	3623XF	RXF	R	3.6	ACi
Lewis	3713XF	RXF	R	3.7	ACi
Lewis	3910XF	RXF	R	3.9	ACi
Lewis	4004XF	RXF	R	4.0	ACi
Lewis	4304XF	RXF	R	4.3	ACi
Loyal	L3641ES	E3,ST	R	3.6	CMBV,SA
Loyal	L3940E	E3	R	3.9	CMBV,SA
NK Brand	NK34-G1XF	RXF	MR	3.4	CMBV,SA
NK Brand	NK37-V4E3S §	E3,ST	MR	3.7	CMBV,SA
NK Brand	NK37-Z9XF	RXF	R	3.7	CMBV,SA
NK Brand	NK39-A1XF	RXF	R	3.9	CMBV,SA
NuTech	34N06E	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
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
Pioneer	P30T99E §	E3	R	3.0	Lu,G,IL
Pioneer	P34T21SE §	E3,ST	R	3.4	Lu,G,IL
Pioneer	P35T01SE §	E3,ST	R	3.5	Lu,G,IL
Renk	RS392NXF	RRX	R	3.9	EcTC,SA
Stine	36EB32 §	E3	R	3.6	SFI
Stine	39EC22 §	E3	R	3.9	SFI
Stine	40EC20 §	E3	R	4.0	SFI
Stone	2XF3531	RXF	R	3.5	ACi,IL
Stone	2XF3731	RXF	R	3.7	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
RRX	Roundup Ready 2 Xtend®
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
AC,PV,B-200	Acceleron® Basic, Poncho/Votivo, B-200
ASfi,SA	AgriShield Max with Saltro®
BPS-SDS	Burrus PowerShield® SDS
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
EQV,SA	Equity VIP, Saltro®
Gr+	Great Start Max Plus (Great Heart Seed)
Lu,G,IL	Lumisena™, Gaucho, ILeVO
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I

* Seed treatments may include unspecified plant health promoting components.