

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

2021 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] THOMASBORO, IL
Joe Burke, Champaign County, IL 61878

All-Season Test Maturity Group **2.8 - 3.8**
S2021ILNC15

Top 30 of 81 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn / Verdict, Callisto Xtra,
Atrazine, Durango Dma

SOIL DESCRIPTION: Drummer silty clay loam,
moderately drained, non-
irrigated

SOIL CONDITION: very high P, high K, 6.6 pH,
3.2% OM, 20.7 CEC

TILLAGE/CULTIVATION: Conventional W/ Fall Till

PEST MANAGEMENT: Anthem Maxx, Durango Dma,
Sundance li, Durango Dma,
Raptor, Brawl, Marvel,
Volunteer, Sundance li, Aquila
XI, Kendo

Applied N-P-K (units): 0-0-0

SEEDED - RATE - ROW: May 13 160.0 /A 15" spacing

HARVESTED - STAND: Nov 6 143.2 /A

TEST COMMENTS:

This location was one of the last planted in this region. Heavy rains and constant wet soil conditions plagued this location all growing season long. Plants were very short in stature and had very small pods with mostly two to three pod clusters, seed size was small to medium. Plants, however small, stood very nice and were easy to cut. No diseases were noticed in this location.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Donmario	DM37F51 ↗	RXF	3.7	NA	74.2	14.4	1	128.0	965	1
Zinesto	Z3202E ↗	E3	3.2	NA	70.3	14.5	1	136.7	914	2
Hefty	H36XF2 ↗	RXF	3.6	NA	69.6	14.5	1	133.7	905	3
Donmario	DM36F62S ↗	RXF	3.6	NA	68.7	14.4	1	139.3	893	4
Xitavo	XO 3131E ↗	E3	3.1	R	67.9	14.6	1	148.0	883	5
FS HiSOY	38F10 ↗	RXF	3.8	R	67.9	14.7	1	133.7	883	6
Xitavo	XO 3651E ↗	E3	3.6	R	67.1	14.7	1	133.7	872	7
NuTech	34N06E ↗	E3	3.4	R	66.9	14.6	1	142.0	870	8
Genesis	G3260E ↗	E3	3.2	R	66.9	14.6	1	147.7	870	9
Cornelius	CB37XF97 ↗	RXF	3.7	R	66.8	14.4	1	156.3	868	10
Hefty	H33XF2 ↗	RXF	3.3	NA	66.1	14.5	1	147.7	859	11
Dyna-Gro	S35XF72 ↗	RXF	3.5	R	65.5	14.3	1	148.0	852	12
FS HiSOY	34F00 ↗	RXF	3.4	R	65.4	14.6	1	142.3	850	13
Genesis	G3760ES ↗	E3,ST	3.7	R	65.3	14.4	1	139.3	849	14
Genesis	G3460E ↗	E3	3.4	R	64.9	14.6	1	150.7	844	15
Stone	2XF3352 ↗	RXF	3.3	R	64.6	14.6	1	150.7	840	16
FS HiSOY	32F10 ↗	RXF	3.2	R	64.5	14.7	1	144.7	838	17
Asgrow	AG38XF1 § ↗	RXF	3.8	R	64.4	14.5	1	133.7	837	18
Zinesto	Z3402E ↗	E3	3.4	NA	64.4	14.7	1	142.3	837	19
Apex	AE3420 ↗	E3	3.4	R	64.3	14.4	1	139.3	836	20
Stine	35EE32 § ↗	E3	3.5	R	63.9	14.8	1	150.7	831	21
Loyal	L3641ES ↗	E3,ST	3.6	R	63.9	14.4	1	148.0	831	22
Golden Harvest	GH3732XF ↗	RXF	3.7	R	63.7	14.5	1	153.0	828	23
P3 Genetics	2234E ↗	E3	3.4	R	63.4	14.4	1	145.0	824	24
Pioneer	P34T21SE § ↗	E3,ST	3.4	R	63.3	14.6	1	142.3	823	25
Hefty	H35XF1 ↗	RXF	3.5	NA	63.2	14.6	1	145.0	822	26
NuTech	31N06E ↗	E3	3.1	R	63.1	14.7	1	159.0	820	27
Apex	AE3310 ↗	E3	3.3	R	62.9	14.6	1	139.0	818	28
FS HiSOY	35E10 ↗	E3	3.5	R	62.7	14.6	1	142.0	815	29
Hefty	H31XF2 ↗	RXF	3.1	NA	62.6	14.6	1	147.7	814	30

Nathan Roux

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

Averages = **60.2** **14.6** **1** **143.2** **782**

LSD (0.10) = 4.9 ns ns

LSD (0.25) = 2.6 ns ns

C.V. = 7.7

Historic yield: 65.35 bu/a, 6 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

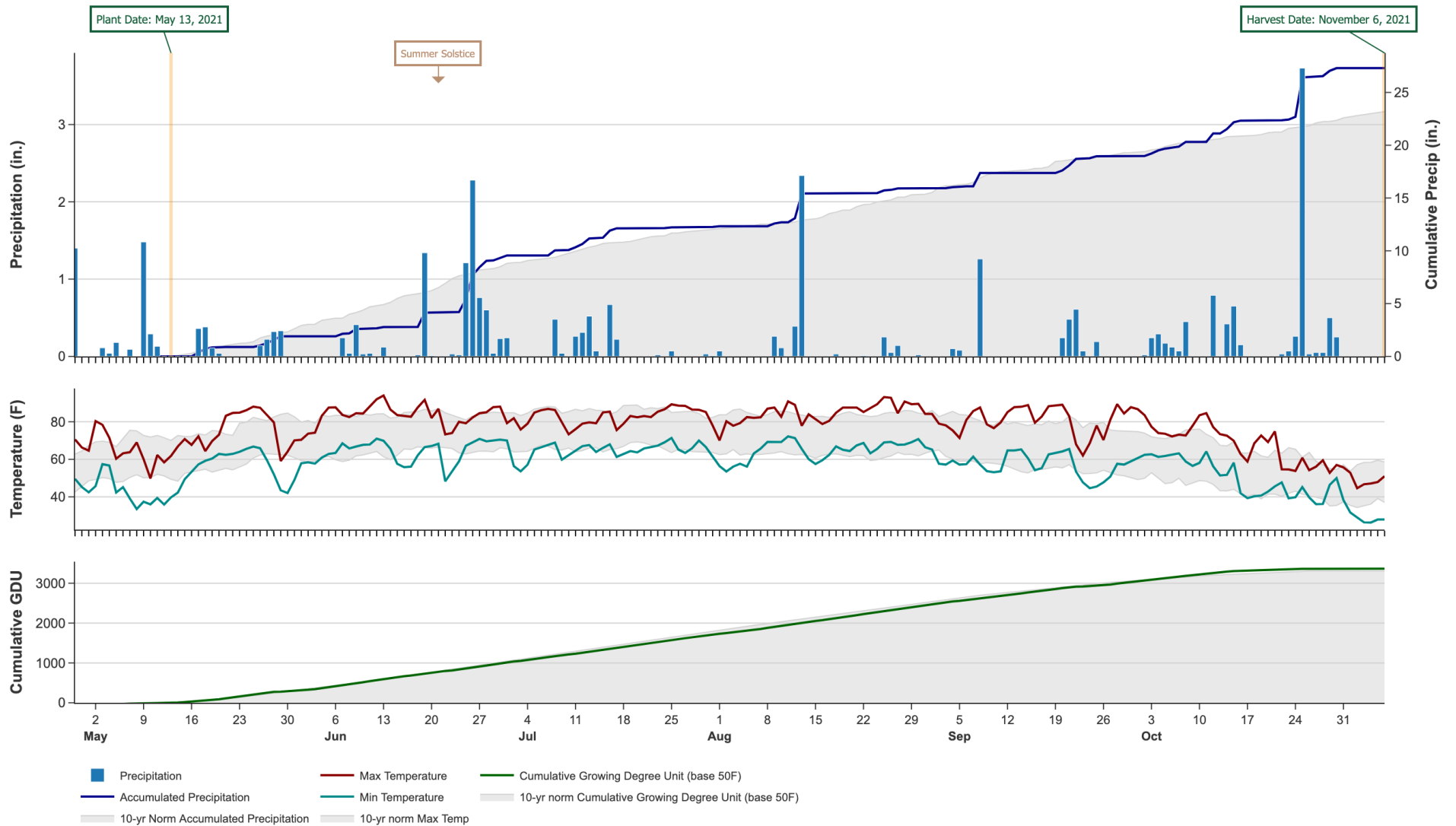
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2021 Soybeans - Illinois North Central [ILNC]

Weather Conditions Summary at THOMASBORO, IL

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	1.4 0.5 (+0.9)	4.2 4.7 (-0.5)	7.4 5.9 (+1.5)	2.9 3.6 (-0.6)	3.7 3.3 (+0.4)	3.0 4.0 (-0.9)	8.3 3.3 (+5.1)	0.0 0.6 (-0.6)	31.0 25.8 (+5.3)
GDU Normal (Diff)	18 13 (+4)	392 452 (-60)	695 697 (-2)	728 788 (-60)	744 722 (+21)	569 539 (+29)	331 243 (+87)	0 0 (0)	3477 3457 (+19)



* 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 (81 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE2920	E3	R	2.9	CMBV,SA
Apex	AE3220	E3	R	3.2	CMBV,SA
Apex	AE3310	E3	R	3.3	CMBV,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
Asgrow	AG31XF2 §	RXF	R	3.1	ACi
Asgrow	AG35XF1 §	RXF	R	3.5	ACi
Asgrow	AG36XF0 GC	RXF,ST	R	3.6	ACi,IL
Asgrow	AG38XF1 §	RXF	R	3.8	ACi,IL
Cornelius	CB35XF65	RXF	R	3.5	PG+
Cornelius	CB37XF97	RXF	R	3.7	PG+
DONMARIO	DM34E52	E3	NA	3.4	CMBV
DONMARIO	DM36F62S	RXF	NA	3.6	CMBV
DONMARIO	DM3756E	E3	R	3.7	CMBV
DONMARIO	DM37F51	RXF	NA	3.7	BPS-SDS
Dyna-Gro	S28XF92S GC	RXF,ST	R	2.8	EQV,SA
Dyna-Gro	S33EN42	E3	R	3.3	EQV,SA
Dyna-Gro	S33XF62	RXF	R	3.3	EQV,SA
Dyna-Gro	S35ES82	E3	MR	3.5	EQV,SA
Dyna-Gro	S35XF72	RXF	R	3.5	EQV,SA
FS HiSOY	28E10	E3	R	2.8	ACi,B-200
FS HiSOY	31E10	E3	R	3.1	ACi,SA,B-200
FS HiSOY	32F10	RXF	R	3.2	ACi,B-200
FS HiSOY	34F00	RXF	R	3.4	ACi,B-200
FS HiSOY	35E10	E3	R	3.5	ACi,B-200
FS HiSOY	36F10	RXF	R	3.6	AC,PV,B-200
FS HiSOY	37E10	E3	R	3.7	AC,PV,B-200
FS HiSOY	38F10	RXF	R	3.8	ACi,B-200
Genesis	G2960E	E3	R	2.9	CMBV,SA
Genesis	G3260E	E3	R	3.2	CMBV,SA
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
Golden Harvest	GH2922E3 §	E3	R	2.9	CMBV,SA
Golden Harvest	GH3132E3 §	E3	R	3.1	CMBV,SA
Golden Harvest	GH3512E3S	E3,ST	MR	3.5	CMBV,SA
Golden Harvest	GH3732XF	RXF	R	3.7	CMBV,SA
Hefty	H28XF2	RXF	NA	2.8	DST4,SA
Hefty	H30XF2	RXF	NA	3.0	DST4,SA
Hefty	H31X9	RRX	R	3.1	DST4,SA
Hefty	H31XF2	RXF	NA	3.1	DST4,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Hefty	H32XF2	RXF	NA	3.2	DST4,SA
Hefty	H33XF2	RXF	NA	3.3	DST4,SA
Hefty	H35XF1	RXF	NA	3.5	DST4,SA
Hefty	H36XF2	RXF	NA	3.6	DST4,SA
Loyal	L3450E	E3	R	3.4	CMBV,SA
Loyal	L3641ES	E3,ST	R	3.6	CMBV,SA
Martin	M33-E3	E3	MR	3.3	EcTC,NF,NH
Martin	M36-E3	E3	MR	3.6	EcTC,NF,NH
NK Brand	NK29-A5E3	E3	MR	2.9	CMBV,SA
NK Brand	NK31-J9XF	RXF	MR	3.1	CMBV,SA
NK Brand	NK31-M7E3	E3	R	3.1	CMBV,SA
NK Brand	NK34-G1XF §	RXF	MR	3.4	CMBV,SA
NuTech	28N02E	E3	R	2.8	Lum,Lu,IL
NuTech	29N02E	E3	R	2.9	Lum,Lu,IL
NuTech	30N05E	E3	R	3.0	Lum,Lu,IL
NuTech	31N06E	E3	R	3.1	Lum,Lu,IL
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
P3 Genetics	2136E	E3	R	3.6	PG+
P3 Genetics	2234E	E3	R	3.4	PG+
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	RS282NXF	RXF	R	2.8	EcTC,SA
Stine	32EB02 §	E3	R	3.2	SFI
Stine	35EE32 §	E3	R	3.5	SFI
Stine	36EB32 §	E3	R	3.6	SFI
Stone	2XF3352	RXF	R	3.3	ACi,IL
Stone	2XF3531	RXF	R	3.5	ACi,IL
Xitavo	XO 2921E	E3	R	2.9	PV,IL,OB
Xitavo	XO 3131E	E3	R	3.1	PV,IL,OB
Xitavo	XO 3651E	E3	R	3.6	PV,IL,OB
Zinesto	Z2902E	E3	NA	2.9	DST4,SA
Zinesto	Z3001E	E3	R	3.0	DST4,SA
Zinesto	Z3101E	E3	R	3.1	DST4,SA
Zinesto	Z3202E	E3	NA	3.2	DST4,SA
Zinesto	Z3402E	E3	NA	3.4	DST5
Zinesto	Z3602E	E3	NA	3.6	DST4,SA

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
ACi,SA,B-200	Acceleron® Standard Insecticide-Fungicide, Saltro®, B-200 SAT
AC,PV,B-200	Acceleron® Basic, Poncho/Votivo, B-200
BPS-SDS	Burrus PowerShield® SDS
CMBV	CruiserMaxx® Beans, Vibrance®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
DST4,SA	Dominance 4 ST,Saltro®
DST5	Dominance 5 ST
EcTC,NF,NH	Eclipse US Total Coverage Trio IM, N-Force, N-Hibit
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
EQV,SA	Equity VIP, Saltro®
Lu,G,IL	Lumisena™, Gaucho, ILeVO
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I

* Seed treatments may include unspecified plant health promoting components.