

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

2021 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] MACOMB, IL
Joel Lewis, McDonough County, IL 61438

All-Season Test	Maturity Group 2.8 - 3.8 S2021ILNC14
Top 30 of 81	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Harness Xtra, Armezon Pro, Atrazine, Roundup Powermax
SOIL DESCRIPTION:	Osco, Ipava silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, high K, 5.6 pH, 3.9% OM, 16.7 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Zidua Pro, Roundup Powermax, Sinister, Roundup Powermax, Warrant, Fastac, Priaxor, Topaz
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 14 160.0 /A 15" spacing
HARVESTED - STAND:	Nov 4 155.2 /A

TEST COMMENTS:

This was a really nice location that seemed to look good all season long. Plants had good vegetative growth and had produced pods all the way to the top with most of them being three-bean pods. Soybean harvest has lagged in this area due to wet weather which helped in terms of not fighting green stems. Most all plants were standing very nice and averaged 30 to 36 inches tall with medium to large seed size. No disease was seen in this field but there were reports of some SDS in the area.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSOY	31E10 ↗	E3	3.1	R	78.6	13.5	4	150.7	1022	1
NuTech	31N06E ↗	E3	3.1	R	76.7	13.0	4	153.3	997	2
Donmario	DM3756E ↗	E3	3.7	R	75.9	13.2	13	161.7	987	3
Zinesto	Z3402E ↗	E3	3.4	NA	75.1	12.9	7	142.3	976	4
FS HiSOY	32F10 ↗	RXF	3.2	R	75.1	13.1	4	161.7	976	5
Apex	AE3220 ↗	E3	3.2	R	75.0	13.3	4	156.3	975	6
Zinesto	Z3202E ↗	E3	3.2	NA	74.8	13.4	6	153.3	972	7
Donmario	DM34E52 ↗	E3	3.4	NA	74.6	13.0	4	161.7	970	8
Dyna-Gro	S35ES82 ↗	E3	3.5	MR	74.4	13.6	6	159.0	967	9
NuTech	34N06E ↗	E3	3.4	R	74.3	13.3	4	159.0	966	10
NuTech	37N01E ↗	E3	3.7	R	73.4	13.3	4	153.7	954	11
Dyna-Gro	S33XF62 ↗	RXF	3.3	R	73.2	13.1	4	156.0	952	12
Loyal	L3641ES ↗	E3,ST	3.6	R	72.4	13.1	7	150.7	941	13
Pioneer	P34T21SE § ↗	E3,ST	3.4	R	72.3	13.3	4	148.0	940	14
Martin	M36-E3 ↗	E3	3.6	MR	72.3	13.7	4	156.0	940	15
Dyna-Gro	S33EN42 ↗	E3	3.3	R	72.0	13.0	7	159.0	936	16
FS HiSOY	35E10 ↗	E3	3.5	R	72.0	13.1	7	161.7	936	17
Donmario	DM36F62S ↗	RXF	3.6	NA	71.9	13.2	6	164.3	935	18
Apex	AE3310 ↗	E3	3.3	R	71.8	13.6	4	159.0	933	19
Genesis	G3560E ↗	E3	3.5	R	71.7	13.8	4	142.3	932	20
Xitavo	XO 3651E ↗	E3	3.6	R	71.4	13.6	4	164.3	928	21
P3 Genetics	2234E ↗	E3	3.4	R	71.4	13.0	6	161.7	928	22
Genesis	G3260E ↗	E3	3.2	R	71.2	13.3	6	142.3	926	23
Xitavo	XO 3131E ↗	E3	3.1	R	71.0	13.1	4	164.3	923	24
P3 Genetics	2136E ↗	E3	3.6	R	71.0	13.8	6	159.0	923	25
Loyal	L3450E ↗	E3	3.4	R	71.0	12.9	7	164.7	923	26
Hefty	H32XF2 ↗	RXF	3.2	NA	70.7	13.3	4	159.0	919	27
Martin	M33-E3 ↗	E3	3.3	MR	70.2	13.6	4	150.7	913	28
Donmario	DM37F51 ↗	RXF	3.7	NA	70.1	12.9	4	153.3	911	29
NK Brand	NK34-G1XF § ↗	RXF	3.4	MR	70.0	13.0	4	161.7	910	30

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Averages = **68.7** **13.2** **5** **155.2** **893**

LSD (0.10) = 5.4 0.2 ns

LSD (0.25) = 2.8 0.1 ns

C.V. = 7.4

Historic yield: 57.63 bu/a, 20 yr(s)

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

Report Date: 11/04/2021

† 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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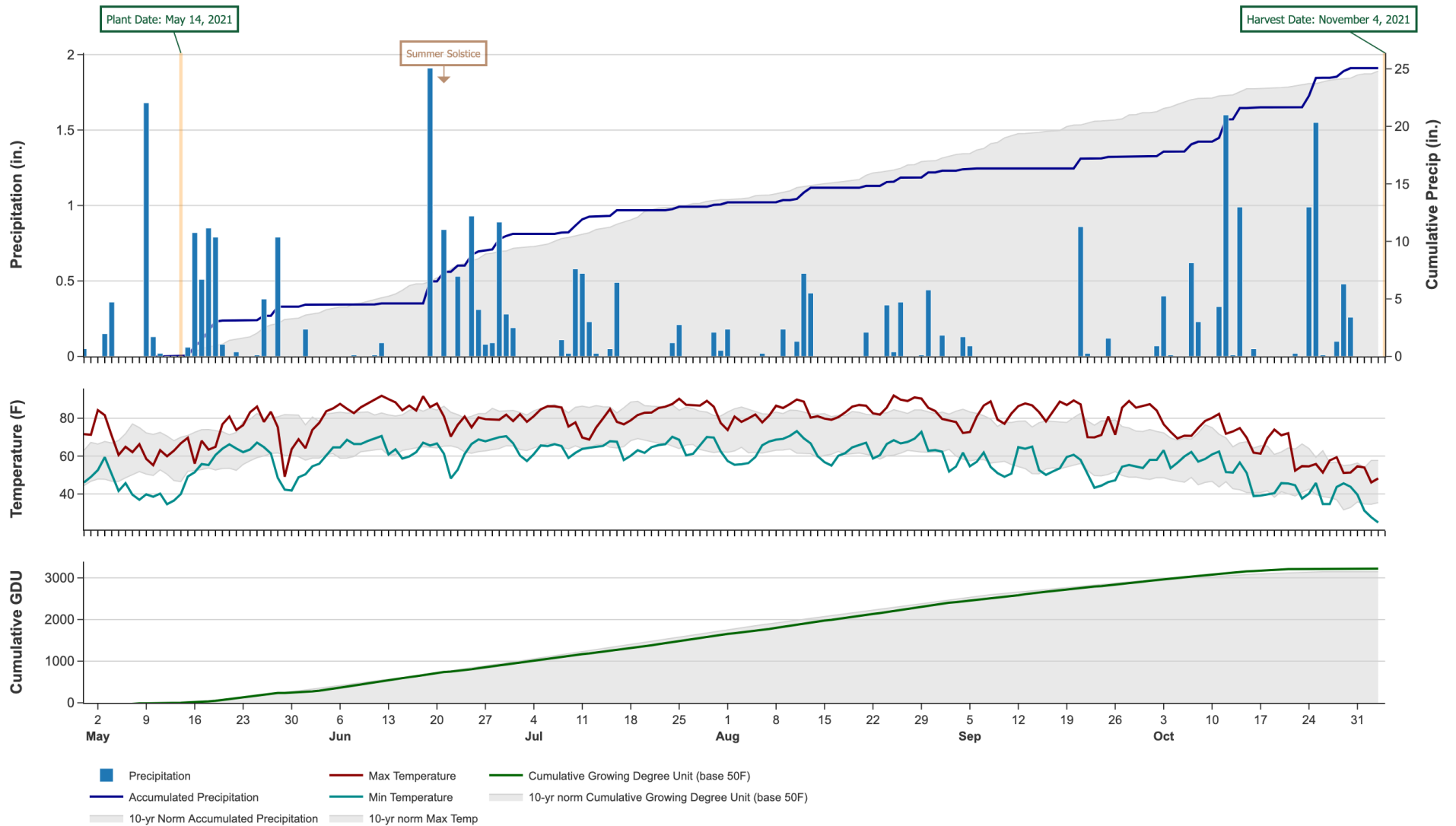
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2021 Soybeans - Illinois North Central [ILNC]

Weather Conditions Summary at MACOMB, IL

Weather Data Retrieved: 11/04/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in) Normal (Diff)	0.1 0.3 (-0.2)	6.7 5.7 (+1.0)	6.2 5.8 (+0.3)	2.7 4.5 (-1.7)	2.8 3.4 (-0.6)	1.3 4.2 (-2.8)	7.7 3.3 (+4.4)	0.0 0.3 (-0.3)	27.4 27.4 (0.0)
GDU Normal (Diff)	11 6 (+4)	354 429 (-75)	676 674 (+1)	708 775 (-67)	729 693 (+35)	543 499 (+43)	311 219 (+91)	0 0 (0)	3332 3298 (+33)



* 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.