

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

2021 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] DWIGHT, IL

Bunting Brothers, Lee Bunting, Livingston County, IL 60420

All-Season Test	Maturity Group 2.8 - 3.8 S2021ILNC16
Top 30 of 81	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Lexar Ez, Callisto Xtra, Atrazine, Buccaneer Plus
SOIL DESCRIPTION:	Ashkum, Elliott silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, medium K, 6.4 pH, 4.7% OM, 25.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Zidua Pro, 2,4-D, Buccaneer Plus, Battlestar, Sequence
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 14 160.0 /A 15" spacing
HARVESTED - STAND:	Nov 4 156.4 /A

TEST COMMENTS:

This was a uniform location planted in very nice soil conditions. Even emergence and good vegetative growth were seen throughout this plot. Most varieties had long internodes and nice pod sets. The top six inches of most plants had two pods while below that there were three. Large seed size was noted, most likely from swell due to a little extra moisture. Like most of the area, soybean harvest is behind due to weather delays. However, this was a very nice location as a whole.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Apex	AE3420 ↗	E3	3.4	R	78.4	14.6	1	161.7	1019	1
Loyal	L3641ES ↗	E3,ST	3.6	R	74.6	14.6	1	156.0	970	2
Dyna-Gro	S33EN42 ↗	E3	3.3	R	74.0	14.6	1	148.0	962	3
Martin	M36-E3 ↗	E3	3.6	MR	73.5	14.8	1	133.7	956	4
Apex	AE3220 ↗	E3	3.2	R	73.1	14.4	1	158.7	950	5
Zinesto	Z3202E ↗	E3	3.2	NA	72.9	14.7	1	158.7	948	6
NuTech	31N06E ↗	E3	3.1	R	72.8	14.7	1	164.3	946	7
Apex	AE3720S ↗	E3,ST	3.6	R	72.7	14.7	1	156.3	945	8
Stine	32EB02 § ↗	E3	3.2	R	72.5	15.3	1	167.0	942	9
FS HISOY	31E10 ↗	E3	3.1	R	72.3	14.7	1	145.0	940	10
Dyna-Gro	S33XF62 ↗	RXF	3.3	R	71.7	15.0	1	153.3	932	11
P3 Genetics	2234E ↗	E3	3.4	R	71.2	14.8	1	159.0	926	12
Stone	2XF3531 ↗	RXF	3.5	R	71.0	14.6	1	159.0	923	13
Asgrow	AG35XF1 § ↗	RXF	3.5	R	71.0	14.7	1	161.7	923	14
Genesis	G3460E ↗	E3	3.4	R	71.0	14.6	1	167.3	923	15
Apex	AE3310 ↗	E3	3.3	R	70.9	15.0	1	153.3	922	16
NK Brand	NK34-G1XF § ↗	RXF	3.4	MR	70.6	14.8	1	161.7	918	17
Donmario	DM3756E ↗	E3	3.7	R	70.5	14.6	1	139.7	916	18
Xitavo	XO 3131E ↗	E3	3.1	R	70.4	14.5	1	159.0	915	19
Martin	M33-E3 ↗	E3	3.3	MR	70.3	15.3	1	150.7	914	20
Zinesto	Z3402E ↗	E3	3.4	NA	70.1	14.7	1	167.3	911	21
Genesis	G3260E ↗	E3	3.2	R	69.9	14.6	1	156.0	909	22
Golden Harvest	GH3512E3S ↗	E3,ST	3.5	MR	69.4	15.1	1	159.0	902	23
Hefty	H33XF2 ↗	RXF	3.3	NA	69.4	14.7	1	161.7	902	24
Loyal	L3450E ↗	E3	3.4	R	69.4	14.8	1	156.3	902	25
NuTech	37N01E ↗	E3	3.7	R	69.3	14.8	1	158.7	901	26
FS HISOY	35E10 ↗	E3	3.5	R	69.2	14.6	1	156.3	900	27
Cornelius	CB37XF97 ↗	RXF	3.7	R	69.0	14.7	1	156.3	897	28
Genesis	G3760ES ↗	E3,ST	3.7	R	69.0	14.7	1	153.3	897	29
Stine	35EE32 § ↗	E3	3.5	R	69.0	15.2	1	164.7	897	30

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Averages = **66.4** **14.8** **1** **156.4** **863**

LSD (0.10) = 5.7 0.2 ns

LSD (0.25) = 3.0 0.1 ns

C.V. = 8.2

Historic yield: new site

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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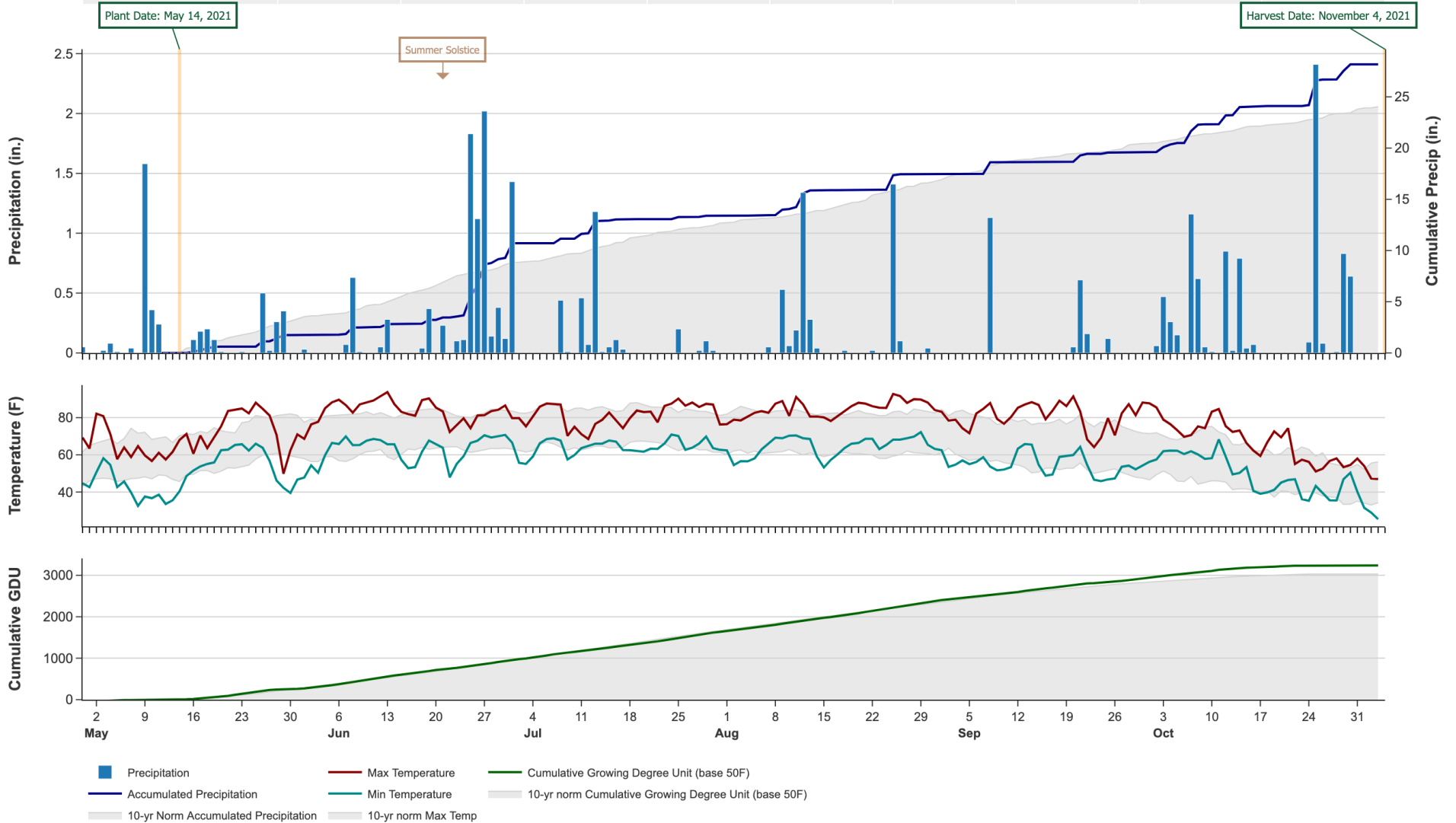
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2021 Soybeans - Illinois North Central [ILNC]

Weather Conditions Summary at DWIGHT, 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)	4.1 5.8 (-1.7)	7.5 5.3 (+2.2)	4.1 4.0 (+0.1)	4.1 4.1 (0.0)	2.1 3.7 (-1.6)	8.6 3.4 (+5.3)	0.0 0.2 (-0.2)	30.6 26.8 (+3.7)
GDU Normal (Diff)	10 5 (+4)	337 400 (-63)	676 645 (+30)	699 752 (-53)	744 676 (+67)	540 486 (+53)	317 203 (+113)	0 0 (0)	3323 3170 (+152)



* 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.