

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

## 2021 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] HENRY, IL

Kevin Knapp, Putnam County, IL 61336

<b>All-Season Test</b>	Maturity Group <b>2.8 - 3.8</b> S2021ILNC13
<b>Top 30 of 81</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness Xtra, Harness Max, Atrazine, Roundup Powermax
<b>SOIL DESCRIPTION:</b>	Sable, Osco silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, high K, 6.1 pH, 3.6% OM, 17.3 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/ Fall Till
<b>PEST MANAGEMENT:</b>	Boundary, Canopy, Durango Dma, Radar Lv, Durango Dma, Everprex, Miravis, Leverage
<b>Applied N-P-K (units):</b>	0-0-112
<b>SEEDED - RATE - ROW:</b>	May 13 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Nov 3 145.6 /A

### TEST COMMENTS:

*This location was planted in somewhat marginal soil conditions. Plentiful rains and good heat all growing season long helped this location thrive. Tall plants and large pod clusters with fairly large seed size were seen at this location. A few late summer rains also helped with the plot finishing out nicely. This plot was harvested later than usual due to weather delays and poor field conditions. I would like to thank Knapp Farms for all their patience with harvest this year!*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Donmario	DM3756E ↗	E3	3.7	R	<b>85.7</b>	15.0	4	139.3	1114	1
Donmario	DM34E52 ↗	E3	3.4	NA	<b>85.0</b>	14.2	17	167.0	1105	2
Genesis	G3760ES ↗	E3,ST	3.7	R	<b>83.9</b>	14.3	19	150.7	1091	3
Martin	M33-E3 ↗	E3	3.3	MR	<b>83.5</b>	15.1	11	153.7	1086	4
Asgrow	AG31XF2 § ↗	RXF	3.1	R	<b>83.4</b>	14.2	4	117.0	1084	5
Genesis	G3460E ↗	E3	3.4	R	<b>82.2</b>	14.9	17	159.0	1069	6
Zinesto	Z3202E ↗	E3	3.2	NA	<b>81.6</b>	14.4	7	161.7	1061	7
Asgrow	AG38XF1 § ↗	RXF	3.8	R	80.7	14.7	7	147.7	1049	8
Stine	35EE32 § ↗	E3	3.5	R	80.6	15.3	8	142.3	1048	9
Loyal	L3641ES ↗	E3,ST	3.6	R	80.5	14.1	9	147.7	1046	10
Stone	2XF3531 ↗	RXF	3.5	R	80.2	13.9	9	150.7	1043	11
Hefty	H36XF2 ↗	RXF	3.6	NA	79.8	13.9	5	167.3	1037	12
Hefty	H31XF2 ↗	RXF	3.1	NA	79.8	14.7	9	150.7	1037	13
NK Brand	NK31-J9XF ↗	RXF	3.1	MR	79.7	14.8	11	133.7	1036	14
NuTech	34N06E ↗	E3	3.4	R	79.6	14.4	11	150.7	1035	15
NuTech	29N02E ↗	E3	2.9	R	79.5	13.7	12	139.3	1034	16
NuTech	31N06E ↗	E3	3.1	R	79.4	14.5	7	164.7	1032	17
Zinesto	Z3602E ↗	E3	3.6	NA	79.2	14.9	7	142.0	1030	18
Apex	AE3720S ↗	E3,ST	3.6	R	79.2	13.9	13	150.7	1030	19
NK Brand	NK34-G1XF § ↗	RXF	3.4	MR	79.1	13.9	10	153.7	1028	20
Asgrow	AG36XF0 GC ↗	RXF,ST	3.6	R	78.5	13.9	9	142.3	1020	21
Asgrow	AG35XF1 § ↗	RXF	3.5	R	78.3	14.3	11	147.7	1018	22
Apex	AE3310 ↗	E3	3.3	R	78.3	15.0	7	147.7	1018	23
Xitavo	XO 3131E ↗	E3	3.1	R	78.3	14.3	17	146.5	1017	24
Dyna-Gro	S35XF72 ↗	RXF	3.5	R	77.8	14.0	7	150.7	1011	25
Golden Harvest	GH2922E3 § ↗	E3	2.9	R	77.8	13.9	7	148.0	1011	26
P3 Genetics	2234E ↗	E3	3.4	R	77.8	14.5	14	136.7	1011	27
Loyal	L3450E ↗	E3	3.4	R	77.8	14.6	10	153.7	1011	28
Stine	32EB02 § ↗	E3	3.2	R	77.6	15.0	7	153.3	1009	29
FS HiSOY	28E10 ↗	E3	2.8	R	77.6	14.7	8	142.3	1009	30

*Nathan Roux*

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Averages = **76.3**    **14.4**    **9**    **145.6**    **992**

LSD (0.10) = 5.0    0.4    5

LSD (0.25) = 2.7    0.2    3

C.V. = 6.3    Historic yield: 62.86 bu/a, 2 yr(s)

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

Report Date: 11/03/2021

† 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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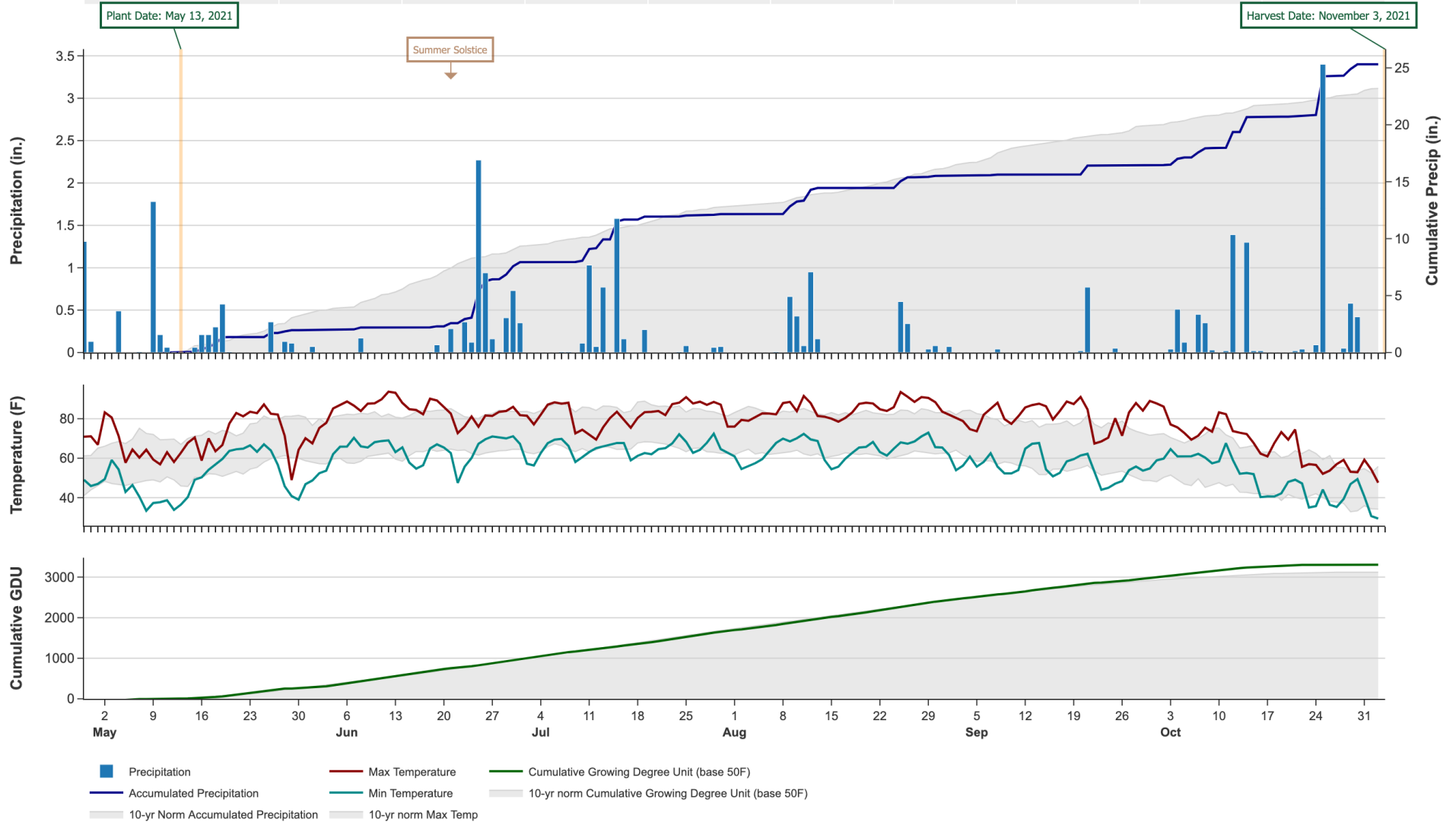
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# 2021 Soybeans - Illinois North Central [ ILNC ]

## Weather Conditions Summary at HENRY, IL

Weather Data Retrieved: 11/03/2021

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct	Nov*	Total
Precip (in)   Normal (Diff)	1.4   0.6 (+0.8)	4.5   5.7 (-1.2)	5.6   5.7 (-0.1)	4.6   3.8 (+0.8)	3.4   3.3 (+0.1)	0.9   3.8 (-2.9)	8.8   3.0 (+5.8)	0.0   0.2 (-0.2)	29.3   26.1 (+3.2)
GDU   Normal (Diff)	21   11 (+9)	352   405 (-53)	689   653 (+35)	717   770 (-53)	742   706 (+35)	561   505 (+55)	323   203 (+119)	0   0 (0)	3405   3256 (+148)



\* 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

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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

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies

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E3	Enlist™ E3
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

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## Soybeans Seed Treatments\*

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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

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\* Seed treatments may include unspecified plant health promoting components.