

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

## 2024 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] DWIGHT, IL  
Bunting Brothers, Lee Bunting, Livingston County, IL 60420

<b>All-Season Test</b>	Maturity Group <b>2.8 - 3.8</b> S2024ILNC16
<b>Top 30 of 71</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Lexar Ez, Harness Max, Acuron, Atrazine, Buccaneer Plus
<b>SOIL DESCRIPTION:</b>	Andres silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 6.9 pH, 3.6% OM, 17.2 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Radar Lv, Buccaneer, Liberty, Sequence, Volunteer
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 22 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 11 125.0 /A

### TEST COMMENTS:

*This soybean location was planted into a fairly dry no-till field. Seeds took a little time to swell and germinate, but at stand count time this plot looked fantastic. These were absolutely beautiful standing plants and a gorgeous plot at harvest time. It turned very dry later in the season, which affected this location. There were aborted pods and very small seed size in the entire location, which was very surprising to see with the initial look of the plot during harvest.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 28F30 ↗	RXF	2.8	M	<b>69.7</b>	8.8	1	131.7	665	1
Purple Ribbon	31E25 ↗	E3	3.1	M	<b>69.2</b>	8.3	1	129.3	660	2
Pioneer	P28A39E § ↗	E3	2.8	M	<b>69.1</b>	8.6	1	126.7	659	3
Burrus	2846E ↗	E3,ST	2.8	M	<b>67.9</b>	8.8	1	129.0	648	4
Apex	AE3550S ↗	E3,ST	3.5	M	<b>67.8</b>	8.5	1	121.3	647	5
Kitchen	KSC 35E73C GC ↗	E3	3.0	NA	<b>67.3</b>	8.2	1	129.3	642	6
Dyna-Gro	S35XF44 ↗	RXF	3.5	M	<b>66.0</b>	7.9	1	110.0	630	7
AgVenture	AV34Y9E ↗	E3	3.4	PK	<b>65.7</b>	8.4	1	126.7	627	8
NuTech	30N06E ↗	E3	3.0	M	<b>65.4</b>	8.2	1	121.7	624	9
FS HISOY	HS 34F30 ↗	RXF	3.4	M	<b>64.8</b>	7.5	1	121.7	618	10
NuTech	32N04E ↗	E3	3.2	M	<b>64.4</b>	8.7	1	131.7	614	11
Apex	AE3131S ↗	E3,ST	3.1	M	64.4	8.1	1	124.0	614	12
Xitavo	XO 2865E ↗	E3	2.8	M	64.0	8.4	1	131.7	611	13
Stine	31EF02 § ↗	E3	3.1	M	63.7	8.5	1	116.3	608	14
DONMARIO	DM32F74 ↗	RXF	3.2	M	63.3	8.8	1	121.7	604	15
Apex	AE2950 ↗	E3	2.9	PK	63.2	8.5	1	124.0	603	16
Xitavo	XO 3014E ↗	E3,ST	3.0	M	63.2	8.3	1	126.7	603	17
Purple Ribbon	28E24 ↗	E3	2.9	M	63.0	8.0	1	129.3	601	18
AgVenture	AV32B2E ↗	E3	3.2	M	63.0	8.6	1	129.3	601	19
Xitavo	XO 3483E ↗	E3	3.4	M	62.8	7.9	1	113.7	599	20
FS HISOY	HS 29E40 ↗	E3	2.9	PK	62.0	8.7	1	126.7	591	21
Martin	M324-E3 GC ↗	E3	3.2	M	62.0	8.3	1	125.5	591	22
Golden Harvest	GH3035E3 § ↗	E3	3.0	M	61.9	8.4	1	114.0	591	23
NuTech	38N05E ↗	E3	3.8	M	61.6	8.3	1	111.3	588	24
DONMARIO	DM36E94 ↗	E3	3.6	M	61.5	8.2	1	124.3	587	25
Pioneer	P33A62E § ↗	E3	3.3	M	61.3	8.1	1	129.3	585	26
FS HISOY	HS 30E40 ↗	E3,ST	3.0	M	61.1	8.9	1	119.0	583	27
Pioneer	P32Z91E § ↗	E3	3.2	PK	60.8	8.4	1	124.0	580	28
Genesis	G3580ES ↗	E3,ST	3.5	M	60.7	8.7	1	116.7	579	29
Asgrow	AG36XF4 § ↗	RXF	3.6	R	60.6	8.0	1	121.3	578	30

*Nathan Roux*

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Averages = **60.0** **8.3** **1** **125.0** **572**

LSD (0.10) = 4.5 0.4 ns

LSD (0.25) = 2.3 0.2 ns

C.V. = 7.1

Historic yield: 63.98 bu/a, 4 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$9.54

Report Date: 10/11/2024

† 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. ↗ Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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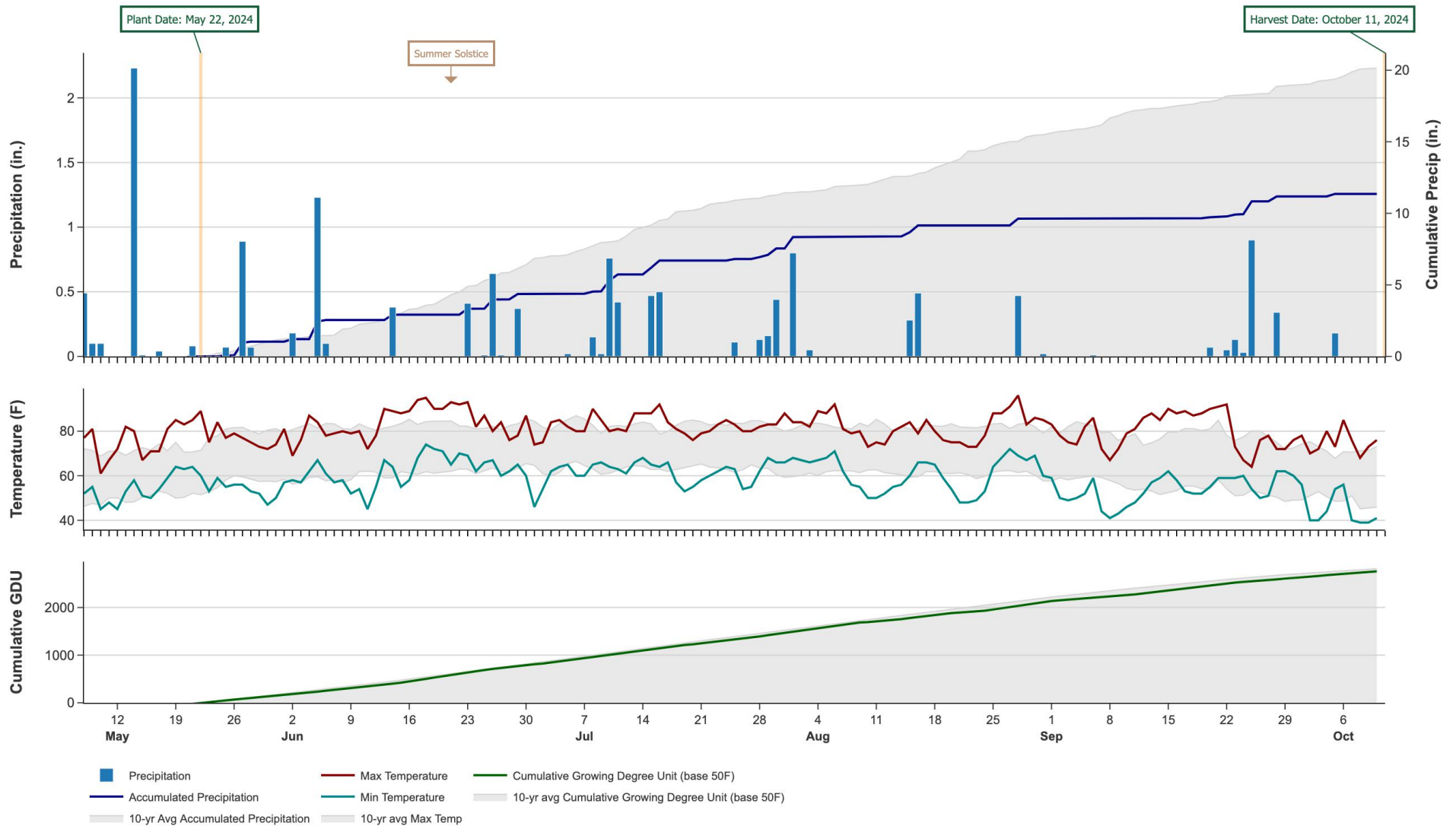
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# 2024 Soybeans - Illinois North Central [ ILNC ]

## Weather Conditions Summary at DWIGHT, IL

Weather Data Retrieved: 10/11/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	4.1   4.2 (-0.1)	3.3   5.2 (-1.9)	3.2   5.0 (-1.9)	2.1   4.0 (-1.9)	1.5   3.5 (-2.0)	0.2   1.2 (-1.0)	14.4   23.2 (-8.8)
GDU   Avg (Diff)	376   334 (+41)	662   647 (+14)	673   712 (-39)	646   671 (-25)	509   502 (+6)	134   111 (+22)	3000   2980 (+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.

## 2024 Soybeans - Illinois North Central [ ILNC ]

### All-Season Test Products (71 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV32B2E	E3	M	3.2	Lum, LumT, IL
AgVenture	AV34Y9E	E3	PK	3.4	CMB-APX,SA
AgVenture	AV36B2E	E3	M	3.6	Lum, LumT, IL
AgVenture	AV38A1E	E3	M	3.8	CMB-APX,SA
Apex	AE2950	E3	PK	2.9	PU
Apex	AE3131S	E3,ST	M	3.1	PU
Apex	AE3340	E3	PK	3.3	PU
Apex	AE3550S	E3,ST	M	3.5	PU
Apex	AE3850	E3	M	3.8	PU
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Asgrow	AG36XF4 §	RXF	R	3.6	ACi,IL
Asgrow	AG38XF3 §	RXF	R	3.8	ACi,IL
Burrus	2846E	E3,ST	M	2.8	BPS-SDS
Burrus	3415E	E3,ST	PK	3.4	BPS-SDS
Burrus	3647F	RXF	M	3.6	BPS-SDS
Burrus	3767E	E3	M	3.7	BPS-SDS
Cornelius	CB29XF44	RXF	M	2.9	PG+
DONMARIO	DM32F74	RXF	M	3.2	F,I,B
DONMARIO	DM36E94	E3	M	3.6	F,I,B
DONMARIO	DM36F84S	RXF,ST	M	3.6	F,I,B
DONMARIO	DM38E54	E3	M	3.8	F,I,B
Dyna-Gro	S35XF44	RXF	M	3.5	PLTM
Dyna-Gro	S37XF15	RXF	M	3.7	PLTM
Dyna-Gro	S38EN75	E3	M	3.8	PLTM
Fortus	3394E	E3	PK	3.3	AC, SU
Fortus	3665E	E3	M	3.6	AC, SU
Fortus	3815E	E3	M	3.8	AC, SU
FS HiSOY	HS 28F30	RXF	M	2.8	ACi,SA
FS HiSOY	HS 29E40	E3	PK	2.9	ACi,SA
FS HiSOY	HS 30E40	E3,ST	M	3.0	ACi,SA
FS HiSOY	HS 30F40	RXF	M	3.0	ACi,SA
FS HiSOY	HS 34E40	E3	PK	3.4	ACi,SA
FS HiSOY	HS 34F30	RXF	M	3.4	ACi,SA
FS HiSOY	HS 36F40	RXF	M	3.6	ACi,SA
FS HiSOY	HS 37E40	E3	M	3.7	ACi,SA
Genesis	G3380E	E3	PK	3.3	EcTC,SA
Genesis	G3580ES	E3,ST	M	3.5	EcTC,SA
Genesis	G3890E	E3	M	3.8	EcTC,SA
Golden Harvest	GH3035E3 §	E3	M	3.0	CMB-APX,SA
Golden Harvest	GH3355E3S §	E3,ST	PK	3.3	CMB-APX,SA
Golden Harvest	GH3655E3S §	E3,ST	M	3.6	CMB-APX,SA
Golden Harvest	GH3765XF	RXF	M	3.7	CMB-APX,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Kitchen	KSC 35E73C GC	E3	NA	3.0	TRPV
Kitchen	KSC 36E74C GC	E3	NA	3.6	TRPV
Martin	M324-E3 GC	E3	M	3.2	NA
Martin	M335-E3 GC	E3	MR	3.3	NA
NuTech	28N03E	E3	M	2.8	Lum, LumT, IL
NuTech	29N05E	E3	PK	2.9	Lum, LumT, IL
NuTech	30N06E	E3	M	3.0	Lum, LumT, IL
NuTech	32N04E	E3	M	3.2	Lum, LumT, IL
NuTech	35N05E	E3	PK	3.5	Lum, LumT, IL
NuTech	36N06E	E3	M	3.6	Lum, LumT, IL
NuTech	37N03E	E3	M	3.7	Lum, LumT, IL
NuTech	38N05E	E3	M	3.8	Lum, LumT, IL
P3 Genetics	2337E	E3	M	3.7	PG+
P3 Genetics	2434E	E3	PK	3.4	PG+
Pioneer	P28A39E §	E3	M	2.8	Lum, LumT, IL
Pioneer	P32Z91E §	E3	PK	3.2	Lum,Lu,IL
Pioneer	P33A62E §	E3	M	3.3	Lum, LumT, IL
Purple Ribbon	28E24	E3	M	2.9	ACi
Purple Ribbon	31E25	E3	M	3.1	ACi
Purple Ribbon	33E25	E3	B	3.3	ACi
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Stine	35EG92 §	E3	M	3.5	TFX1,SA
Stine	37EG23 §	E3	M	3.7	TFX1,SA
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 3014E	E3,ST	M	3.0	PV,IL,OB,Rey
Xitavo	XO 3105E	E3	M	3.1	PV,IL,OB,Rey
Xitavo	XO 3224E	E3	PK	3.2	PV,IL,OB,Rey
Xitavo	XO 3483E	E3	M	3.4	PV,IL,OB,Rey
Xitavo	XO 3655E	E3,ST	M	3.6	PV,IL,OB,Rey

## 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 Source or Rating

Note: Source of SCN resistance used when available, otherwise older susceptibility ratings are reported.

M	PI 88788 (MR)
PK	Peking (R)
H	Hartwig (R)
B	Blend (PK + M)
MR	moderate resistance
R	resistant
S	susceptible
NA	info unavailable

### Soybeans Technologies

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E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

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### Soybeans Seed Treatments\*

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NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Salto®
AC, SU	Acceleron standard+ StepUp
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,SA	CruiserMaxx® APX with Salto®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salto®
F,I,B	Fungicide, Insecticide, Biological
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PLTM	DynaGro PLTM
PU	Protect Ultra
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Salto
TRPV	KSC TriKote, Poncho & Votivo

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