

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

2024 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] GRIDLEY, IL
Jamin Ringger, McLean County, IL 61744

All-Season Test	Maturity Group 2.8 - 3.8 S2024ILNC15
Top 30 of 71	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Volley Atz, Resicore, Atrazine, 41% Glyphosate
SOIL DESCRIPTION:	Flanagan silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, high K, 6.7 pH, 5.1% OM, 18.6 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Preview, Liberty, Roundup Powermax, Brawl 2, Cortes, Imidacloprid, Priaxor, Propicon
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 23 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 12 127.7 /A

TEST COMMENTS:

This soybean location was planted in a nice seedbed on a great farm. There was extremely nice and even emergence. Timely rains along with ideal growing temperatures made for great vegetative growth, then things slowed down during the reproductive cycle with small pod sets and many two seed pods. However, seed was on the larger side compared to what I have seen this season. No disease to speak of was noticed at harvest as plants stayed healthy all season long and maintained large amounts of green stem throughout. Some green leaves still hanging on made harvest extremely slow.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	S38EN75 ↗	E3	3.8	M	86.7	9.6	1	129.3	827	1
Golden Harvest	GH3355E3S § ↗	E3,ST	3.3	PK	86.1	10.0	1	113.7	821	2
Apex	AE3131S ↗	E3,ST	3.1	M	85.6	9.7	1	131.7	817	3
FS HiSOY	HS 34E40 ↗	E3	3.4	PK	85.4	8.6	1	125.0	814	4
AgVenture	AV38A1E ↗	E3	3.8	M	84.2	9.4	1	125.5	803	5
Apex	AE3550S ↗	E3,ST	3.5	M	83.6	9.2	1	129.3	798	6
Stine	31EF02 § ↗	E3	3.1	M	83.2	9.2	1	125.5	794	7
NuTech	28N03E ↗	E3	2.8	M	82.2	9.8	1	119.3	784	8
Xitavo	XO 2865E ↗	E3	2.8	M	82.0	10.0	1	139.3	782	9
DONMARIO	DM36E94 ↗	E3	3.6	M	81.3	9.3	1	121.5	775	10
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	81.2	10.0	1	121.3	775	11
AgVenture	AV32B2E ↗	E3	3.2	M	81.0	9.6	1	131.7	773	12
Dyna-Gro	S35XF44 ↗	RXF	3.5	M	80.4	9.1	1	133.0	767	13
Purple Ribbon	33E25 ↗	E3	3.3	B	80.3	9.2	1	121.5	766	14
Purple Ribbon	31E25 ↗	E3	3.1	M	79.8	9.7	1	111.3	761	15
Xitavo	XO 3014E ↗	E3,ST	3.0	M	79.3	9.7	1	139.3	757	16
NuTech	32N04E ↗	E3	3.2	M	79.3	9.6	1	133.0	756	17
Martin	M335-E3 GC ↗	E3	3.3	MR	79.2	8.9	1	124.0	756	18
FS HiSOY	HS 30E40 ↗	E3,ST	3.0	M	79.0	10.2	1	134.3	754	19
P3 Genetics	2434E ↗	E3	3.4	PK	78.9	9.4	1	134.3	753	20
Golden Harvest	GH3035E3 § ↗	E3	3.0	M	78.5	9.1	1	132.0	749	21
NuTech	30N06E ↗	E3	3.0	M	78.3	9.8	1	129.0	747	22
Apex	AE2950 ↗	E3	2.9	PK	78.2	9.8	1	121.3	746	23
Xitavo	XO 3105E ↗	E3	3.1	M	78.0	10.4	1	131.7	744	24
AgVenture	AV36B2E ↗	E3	3.6	M	78.0	8.9	1	121.7	744	25
Pioneer	P33A62E § ↗	E3	3.3	M	77.8	9.5	1	144.3	742	26
NuTech	29N05E ↗	E3	2.9	PK	77.6	9.5	1	127.0	740	27
DONMARIO	DM38E54 ↗	E3	3.8	M	77.3	9.4	1	129.5	736	28
Fortus	3815E ↗	E3	3.8	M	77.0	9.0	1	125.5	735	29
Purple Ribbon	28E24 ↗	E3	2.9	M	77.0	9.1	1	131.7	735	30



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Averages = **75.4** **9.5** **1** **127.7** **721**

LSD (0.10) = 6.9 0.6 ns

LSD (0.25) = 3.6 0.3 ns

C.V. = 8.7

Historic yield: 73.48 bu/a, 3 yr(s)

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

Report Date: 10/12/2024

† 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

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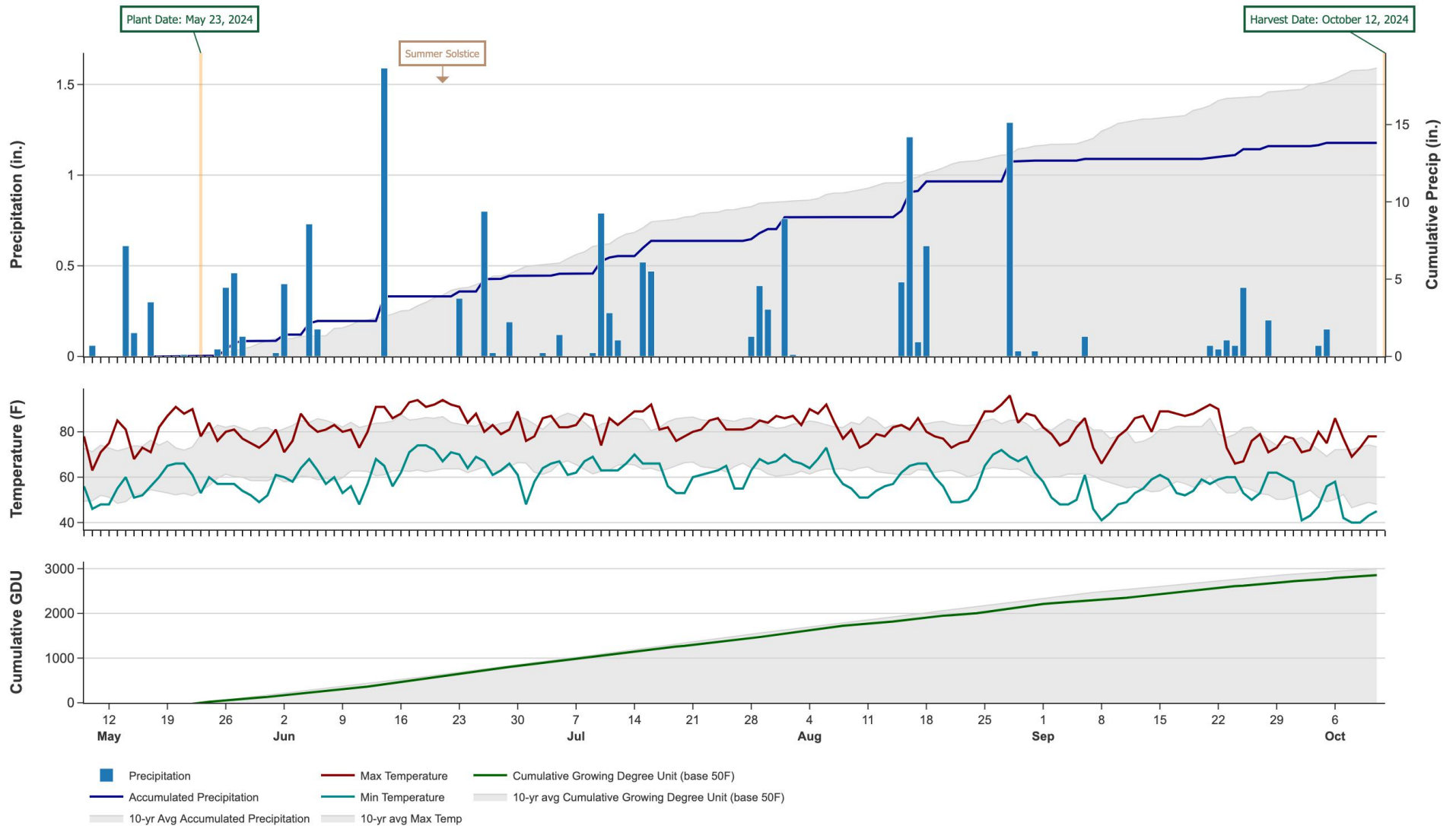
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2024 Soybeans - Illinois North Central [ILNC]

Weather Conditions Summary at GRIDLEY, IL

Weather Data Retrieved: 10/12/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.1 3.4 (-1.3)	4.2 4.5 (-0.3)	3.0 4.4 (-1.4)	4.4 3.6 (+0.8)	0.9 3.6 (-2.7)	0.2 1.4 (-1.2)	14.9 21.0 (-6.1)
GDU Avg (Diff)	390 355 (+34)	694 688 (+5)	698 751 (-53)	669 713 (-44)	512 549 (-37)	154 134 (+19)	3117 3192 (-75)



* 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 (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

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

E3	Enlist E3®
RXF	XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

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.