

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

2024 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 S2024ILNC14
Top 30 of 71	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Harness, Impact 2, Atrazine, Roundup Powermax 3, Amsol, Warrant
SOIL DESCRIPTION:	Ipava silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, high K, 7.2 pH, 2.4% OM, 14.5 CEC
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Authority Supreme, Outlook, Liberty, Delaro Complete, Lambda-Cy
Applied N-P-K (units):	0-51-84
SEEDED - RATE - ROW:	May 29 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 17 136.2 /A

TEST COMMENTS:

Macomb was planted in a very nice seedbed and had ideal weather during planting. Germination along with emergence was very good across this location, a very even soybean plot. Good growing conditions continued through the season with nice heat and timely showers. Good vegetative growth in this plot did produce some plants that started to lay over but still were very harvestable and overall not bad. No green stem syndrome was seen, however, some white mold did present itself throughout the plot.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgVenture	AV32B2E ↗	E3	3.2	M	84.4	10.4	4	137.0	805	1
Apex	AE3550S ↗	E3,ST	3.5	M	83.9	10.1	1	137.0	800	2
Asgrow	AG36XF4 § ↗	RXF	3.6	R	83.9	10.5	2	137.0	800	3
Dyna-Gro	S35XF44 ↗	RXF	3.5	M	83.6	10.5	5	134.3	798	4
Stine	37EG23 § ↗	E3	3.7	M	83.5	10.2	6	139.3	797	5
Pioneer	P33A62E § ↗	E3	3.3	M	83.5	10.3	3	139.3	797	6
Apex	AE3850 ↗	E3	3.8	M	83.3	10.1	6	137.0	795	7
Stine	31EF02 § ↗	E3	3.1	M	83.0	10.0	3	137.0	792	8
Pioneer	P28A39E § ↗	E3	2.8	M	82.5	10.3	1	139.3	787	9
Dyna-Gro	S38EN75 ↗	E3	3.8	M	82.3	10.2	5	137.0	785	10
Apex	AE2950 ↗	E3	2.9	PK	82.2	10.7	6	134.3	784	11
NuTech	35N05E ↗	E3	3.5	PK	82.1	10.0	5	137.0	783	12
Apex	AE3131S ↗	E3,ST	3.1	M	82.1	10.7	1	134.0	783	13
NuTech	38N05E ↗	E3	3.8	M	82.1	9.8	1	131.7	783	14
Fortus	3665E ↗	E3	3.6	M	81.2	10.4	5	137.0	775	15
DONMARIO	DM36E94 ↗	E3	3.6	M	81.0	9.7	2	136.7	773	16
FS HiSOY	HS 34F30 ↗	RXF	3.4	M	80.8	9.9	1	137.0	771	17
Kitchen	KSC 35E73C GC ↗	E3	3.0	NA	80.6	10.6	5	139.3	769	18
Burrus	3415E ↗	E3,ST	3.4	PK	80.6	10.3	3	134.3	769	19
Apex	AE3340 ↗	E3	3.3	PK	80.2	10.3	4	134.3	765	20
NuTech	37N03E ↗	E3	3.7	M	80.1	10.1	1	137.0	764	21
FS HiSOY	HS 34E40 ↗	E3	3.4	PK	80.1	10.2	3	139.3	764	22
P3 Genetics	2434E ↗	E3	3.4	PK	80.0	9.9	3	134.3	763	23
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	80.0	10.6	2	137.0	763	24
NuTech	30N06E ↗	E3	3.0	M	79.9	10.7	2	137.0	762	25
Dyna-Gro	S37XF15 ↗	RXF	3.7	M	79.8	9.9	4	137.0	761	26
Xitavo	XO 3014E ↗	E3,ST	3.0	M	79.4	10.4	1	137.0	757	27
Golden Harvest	GH3355E3S § ↗	E3,ST	3.3	PK	79.4	10.5	5	137.0	757	28
Burrus	3767E ↗	E3	3.7	M	79.3	9.9	2	137.0	757	29
DONMARIO	DM38E54 ↗	E3	3.8	M	78.8	10.5	6	134.3	752	30

Nathan Roux

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nathan.g.roux@gmail.com, (815) 716-3794

Averages = **77.7** **10.2** **4** **136.2** **740**

LSD (0.10) = 4.2 0.4 3

LSD (0.25) = 2.2 0.2 2

C.V. = 5.2

Historic yield: 60.92 bu/a, 24 yr(s)

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

Report Date: 10/17/2024

† 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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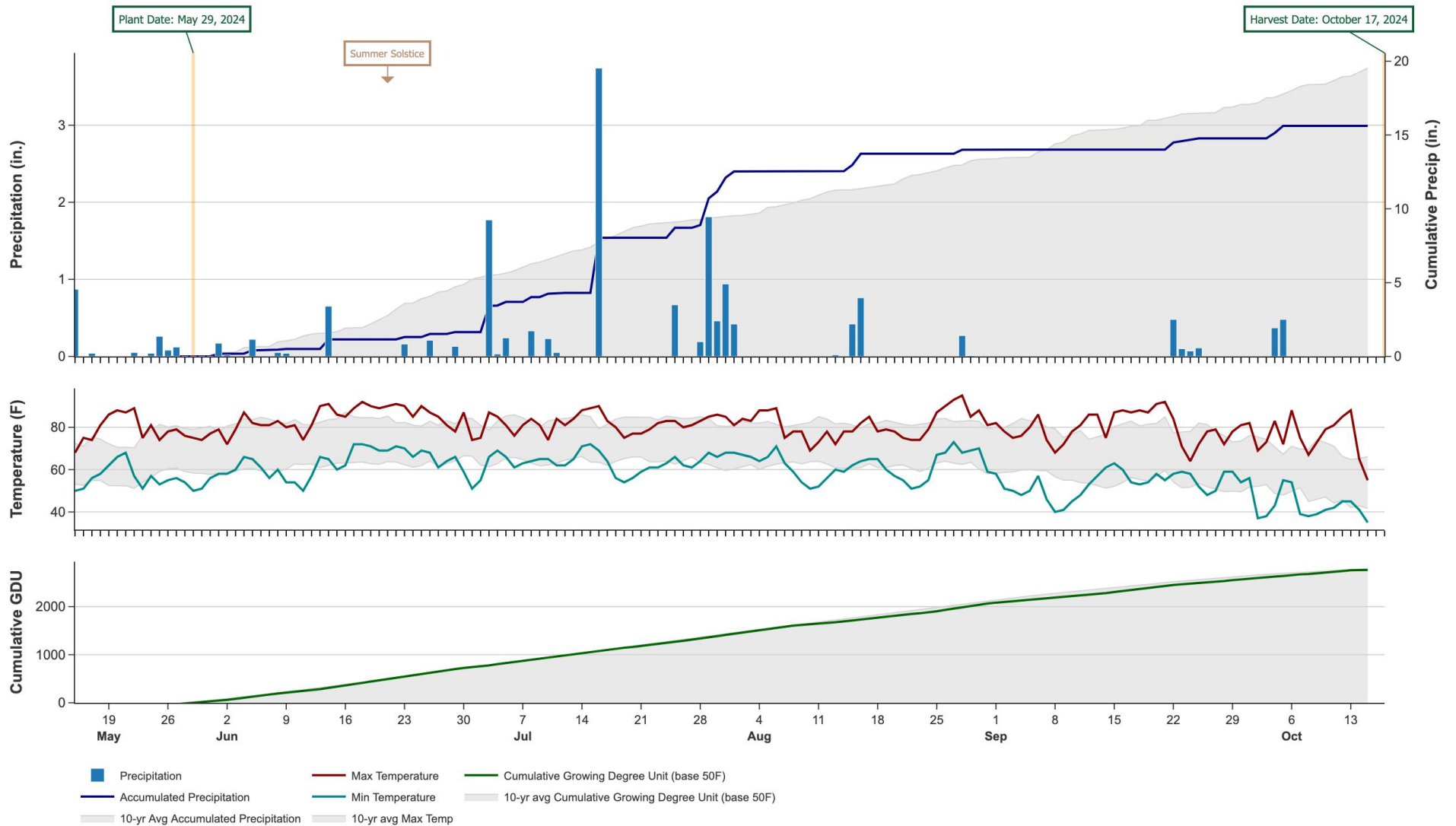
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2024 Soybeans - Illinois North Central [ILNC]

Weather Conditions Summary at MACOMB, IL

Weather Data Retrieved: 10/17/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.5 3.0 (-1.5)	1.6 4.8 (-3.2)	10.5 4.6 (+5.9)	1.9 3.9 (-2.0)	0.8 3.7 (-3.0)	0.8 2.5 (-1.6)	17.1 22.5 (-5.4)
GDU Avg (Diff)	291 269 (+21)	695 671 (+23)	689 731 (-42)	650 679 (-29)	506 512 (-6)	196 156 (+39)	3027 3020 (+6)



* 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, Saltro®
AC, SU	Acceleron standard+ StepUp
BPS-SDS	Burrus PowerShield® SDS
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
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, Saltro
TRPV	KSC TriKote, Poncho & Votivo

* Seed treatments may include unspecified plant health promoting components.