

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

2024 Soybeans Top 30 Harvest Report

Illinois North [ILNO] THOMSON, IL
Hook Farms, Dustin Hook, Carroll County, IL

All-Season Test	Maturity Group 2.4 - 3.3 S2024ILNO12
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Roundup, Trivapro (2)
SOIL DESCRIPTION:	Littleton silt loam, moderately drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.3 pH, 2.5% OM, 12.8 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Matador S, Verdict, Liberty, Dual
Applied N-P-K (units):	0-46-110
SEEDED - RATE - ROW:	May 1 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 9 129.2 /A

TEST COMMENTS:

This plot was planted on a great farm with excellent farming practices. Plants emerged very well and had adequate moisture during germination and emergence. The growing season was ideal, creating tall plants with lots of vegetative growth, which is more than likely the cause of the lodging in most varieties. Green stems were present at harvest in some of the varieties. The plot could have used some late rains, and most of the pods toward the very top of the plants were aborted or had very small seed sizes. There was small seed size across all plants. Harvest of this location was very easy due to the extremely dry plants even with the lodging.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	31EF02 § ↗	E3	3.1	M	88.4	9.0	13	137.0	843	1
Pioneer	P28A39E § ↗	E3	2.8	M	87.4	8.7	4	124.3	834	2
NuTech	32N04E ↗	E3	3.2	M	87.0	8.8	7	134.3	830	3
NuTech	25N05E ↗	E3	2.5	PK	86.1	8.8	10	136.7	821	4
AgVenture	AV30B2E ↗	E3	3.0	M	86.1	9.4	9	129.0	821	5
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	85.9	9.6	4	124.0	819	6
AgVenture	AV32B2E ↗	E3	3.2	M	84.1	8.6	6	136.7	802	7
Pioneer	P33A62E § ↗	E3	3.3	M	82.5	9.2	8	126.7	787	8
FS HiSOY	HS 30E40 ↗	E3,ST	3.0	M	80.9	10.1	10	132.0	772	9
Xitavo	XO 3014E ↗	E3,ST	3.0	M	80.4	9.0	20	131.7	767	10
NuTech	28N03E ↗	E3	2.8	M	79.6	9.4	4	137.0	759	11
NuTech	30N06E ↗	E3	3.0	M	79.3	10.0	4	131.7	757	12
Golden Harvest	GH3035E3 § ↗	E3	3.0	M	79.0	9.2	13	134.0	754	13
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	78.9	9.4	6	136.7	753	14
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	78.1	9.7	6	136.7	745	15
Apex	AE2940S ↗	E3,ST	2.9	M	78.0	8.8	15	131.7	744	16
Purple Ribbon	31E25 ↗	E3	3.1	M	77.9	9.3	10	126.3	743	17
FS HiSOY	HS 28F30 ↗	RXF	2.8	M	77.9	9.2	7	116.3	743	18
Xitavo	XO 3375E ↗	E3	3.3	M	77.7	9.1	6	132.0	741	19
Apex	AE3131S ↗	E3,ST	3.1	M	77.6	8.5	10	134.0	740	20
NuTech	27N03E ↗	E3	2.7	PK	77.5	9.7	6	136.7	739	21
Xitavo	XO 2865E ↗	E3	2.8	M	77.2	9.2	29	119.0	736	22
Asgrow	AG24XF4 § ↗	RXF	2.4	R	76.9	9.3	8	124.3	734	23
Renk	RS255NXF ↗	RXF	2.5	M	76.9	8.3	18	127.0	734	24
Purple Ribbon	33E25 ↗	E3	3.3	B	76.6	8.5	17	129.3	731	25
Xitavo	XO 3224E ↗	E3	3.2	PK	76.6	8.7	19	124.0	731	26
Genesis	G3380E ↗	E3	3.3	PK	76.4	8.3	11	126.7	729	27
NuTech	27N07E ↗	E3	2.7	M	76.4	10.2	6	134.0	729	28
Cornelius	CB27XF17 ↗	RXF	2.7	M	76.0	9.5	8	124.0	725	29
Martin	M324-E3 GC ↗	E3	3.2	M	75.5	9.0	11	116.7	720	30

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Averages = **75.0** **9.2** **13** **129.2** **715**

LSD (0.10) = 7.5 0.5 9

LSD (0.25) = 3.9 0.3 5

C.V. = 9.5

Historic yield: 63.38 bu/a, 2 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$9.54

Report Date: Oct. 9, 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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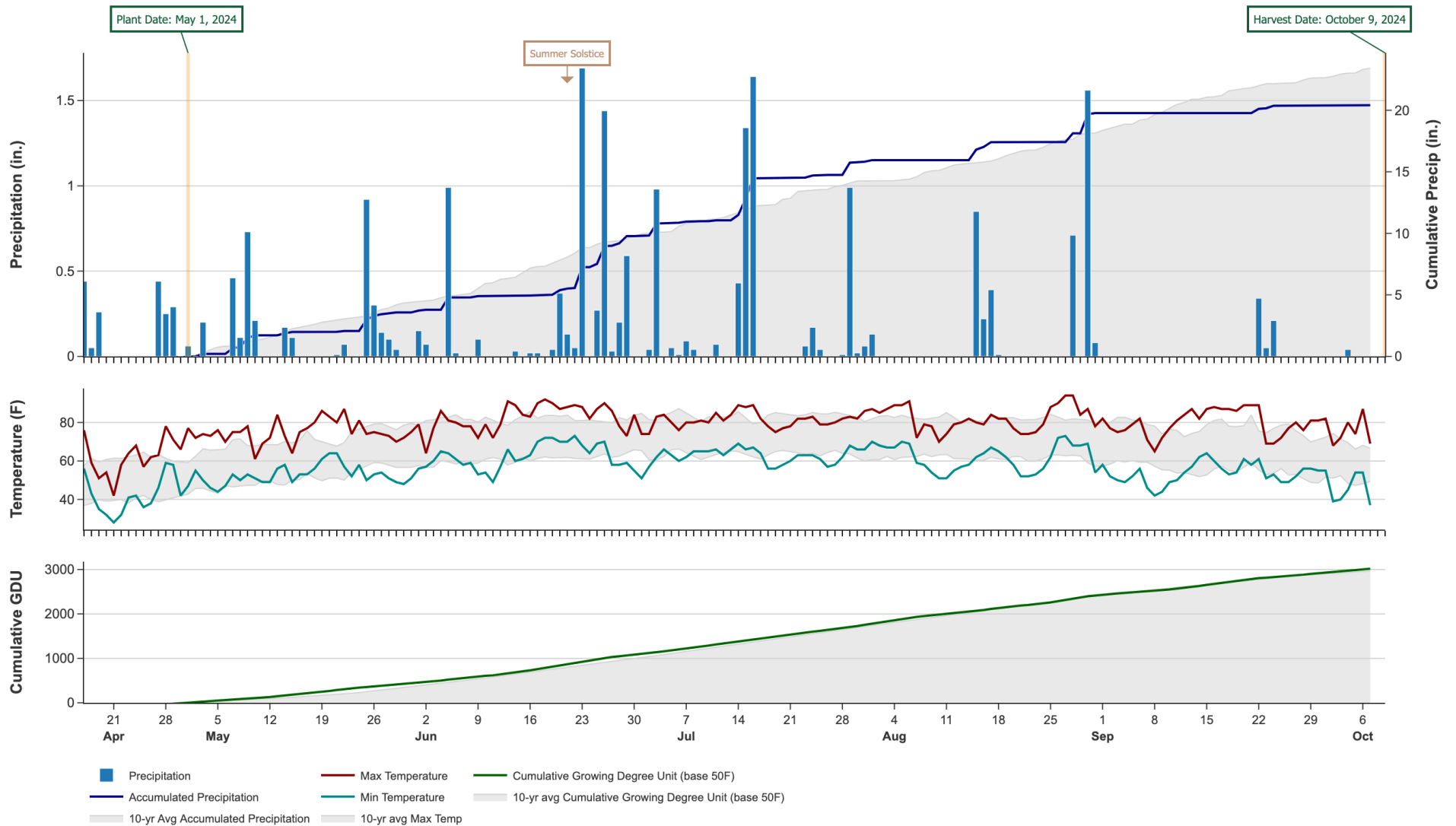
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2024 Soybeans - Illinois North [ILNO]

Weather Conditions Summary at THOMSON, IL

Weather Data Retrieved: 10/09/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.7 1.5 (+0.2)	3.6 4.7 (-1.0)	6.2 5.4 (+0.8)	6.0 4.5 (+1.6)	4.0 3.9 (+0.1)	0.6 4.5 (-3.9)	0.0 0.8 (-0.7)	22.2 25.2 (-3.0)
GDU Avg (Diff)	90 59 (+30)	440 361 (+78)	656 638 (+17)	671 725 (-54)	659 677 (-18)	506 493 (+12)	97 71 (+25)	3119 3027 (+91)



* 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 (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AgVenture	AV27Y1E	E3	PK	2.7	CMB-APX,SA
AgVenture	AV30B2E	E3	M	3.0	Lum, LumT, IL
AgVenture	AV32B2E	E3	M	3.2	Lum, LumT, IL
Apex	AE2750	E3	PK	2.7	PU
Apex	AE2940S	E3,ST	M	2.9	PU
Apex	AE3131S	E3,ST	M	3.1	PU
Asgrow	AG24XF4 §	RXF	R	2.4	ACi,IL
Asgrow	AG27XF3 §	RXF	R	2.7	ACi,IL
Asgrow	AG33XF3 §	RXF	R	3.3	ACi,IL
Burrus	2729E	E3,ST	PK	2.7	BPS-SDS
Cornelius	CB25XF99	RXF	M	2.5	PG+
Cornelius	CB27XF17	RXF	M	2.7	PG+
DONMARIO	DM22E64	E3	M	2.2	F,I,B
DONMARIO	DM24E84	E3	M	2.4	F,I,B
DONMARIO	DM32F74	RXF	M	3.2	F,I,B
Dyna-Gro	S28XF85	RXF	M	2.8	PLTM
Dyna-Gro	S29ES45	E3,ST	M	2.9	PLTM
Fortus	3393E GC	E3	NA	3.3	AC, SU
FS HiSOY	HS 24F40	RXF	M	2.4	ACi,SA
FS HiSOY	HS 25E30	E3	PK	2.5	ACi,SA
FS HiSOY	HS 26F20	RXF	M	2.6	ACi,SA
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 31E20	E3,ST	M	3.1	ACi,SA
Genesis	G2570ES	E3,ST	M	2.5	EcTC,SA
Genesis	G3171ES	E3,ST	M	3.1	EcTC,SA
Genesis	G3380E	E3	PK	3.3	EcTC,SA
Golden Harvest	GH2775E3 §	E3	M	2.7	CMB-APX,SA
Golden Harvest	GH3035E3 §	E3	M	3.0	CMB-APX,SA
Golden Harvest	GH3355E3S §	E3,ST	PK	3.3	CMB-APX,SA
Martin	M324-E3 GC	E3	M	3.2	NA
Martin	M335-E3 GC	E3	MR	3.3	NA
NuTech	24N05E	E3	PK	2.4	Lum, LumT, IL
NuTech	25N05E	E3	PK	2.5	Lum, LumT, IL
NuTech	27N03E	E3	PK	2.7	Lum, LumT, IL
NuTech	27N07E	E3	M	2.7	Lum, LumT, IL
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

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
P3 Genetics	2331E	E3	M	3.1	PG+
P3 Genetics	2429E	E3	M	2.9	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
ProHarvest	25E35	E3	PK	2.5	PU
Purple Ribbon	28E24	E3	M	2.9	ACi
Purple Ribbon	31E25	E3	M	3.1	ACi
Purple Ribbon	33E25	E3	B	3.3	ACi
Renk	RS255NXF	RXF	M	2.5	EcTC, NF, SA
Stine	25EG23 §	E3	M	2.5	TFX1,SA
Stine	27EG22 §	E3	PK	2.7	TFX1,SA
Stine	31EF02 §	E3	M	3.1	TFX1,SA
Xitavo	XO 2625E	E3	M	2.6	PV,IL,OB,Rey
Xitavo	XO 2735E	E3	M	2.7	PV,IL,OB,Rey
Xitavo	XO 2865E	E3	M	2.8	PV,IL,OB,Rey
Xitavo	XO 2985E	E3	M	2.9	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 3375E	E3	M	3.3	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, NF, SA	Eclipse US Total Coverage, N-Force, 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

* Seed treatments may include unspecified plant health promoting components.