

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

2024 Soybeans Top 30 Harvest Report

Illinois North [ILNO] SENECA, IL
Dave Thorsen, Grundy County, IL

All-Season Test	Maturity Group 2.4 - 3.3 S2024ILNO09
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Verdict, Acuron, Northstar, Atrazine
SOIL DESCRIPTION:	Graymont silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, medium K, 6.1 pH, 4.0% OM, 23.8 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Verdict, Roundup (3), Zidua Sc, Liberty (2), Fusilade, Veltyma, Harvest Max Elite, Hero
Applied N-P-K (units):	0-40-86
SEEDED - RATE - ROW:	May 22 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 11 126.6 /A

TEST COMMENTS:

This soybean location was planted into a very nice seedbed. Germination was great and the plants stayed very healthy and had good reproductive growth. Most of the plants stood very nice despite some being taller and with some pretty wild weather throughout this season. Seed size for the majority of this location was on the medium to large side. It turned dry in the late portion of the growing season restricting some of the later varieties from reaching their full potential.

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	89.5	10.3	1	126.7	854	1
NuTech	27N07E ↗	E3	2.7	M	86.2	11.0	1	121.3	822	2
Pioneer	P28A39E § ↗	E3	2.8	M	86.2	10.9	1	124.0	822	3
NuTech	32N04E ↗	E3	3.2	M	86.0	10.3	1	126.7	820	4
NuTech	30N06E ↗	E3	3.0	M	85.8	11.4	1	114.0	819	5
AgVenture	AV30B2E ↗	E3	3.0	M	85.6	11.6	1	121.7	817	6
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	M	83.6	10.6	1	119.0	798	7
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	83.5	11.1	2	134.3	797	8
Cornelius	CB25XF99 ↗	RXF	2.5	M	83.4	11.2	1	127.0	796	9
Genesis	G2570ES ↗	E3,ST	2.5	M	83.4	11.2	5	129.3	796	10
Genesis	G3171ES ↗	E3,ST	3.1	M	83.3	10.1	1	132.0	795	11
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	83.1	10.1	1	124.0	793	12
Xitavo	XO 3375E ↗	E3	3.3	M	82.3	10.4	1	116.7	785	13
Purple Ribbon	31E25 ↗	E3	3.1	M	82.3	11.0	1	121.7	785	14
Xitavo	XO 3224E ↗	E3	3.2	PK	81.8	9.5	4	129.0	780	15
P3 Genetics	2331E ↗	E3	3.1	M	81.4	10.9	1	124.3	777	16
Xitavo	XO 3014E ↗	E3,ST	3.0	M	81.1	10.1	1	119.0	774	17
Stine	31EF02 § ↗	E3	3.1	M	80.8	10.9	1	126.3	771	18
Martin	M335-E3 GC ↗	E3	3.3	MR	80.7	10.8	2	129.0	770	19
Xitavo	XO 2735E ↗	E3	2.7	M	80.4	10.9	1	134.3	767	20
FS HiSOY	HS 28F30 ↗	RXF	2.8	M	80.0	11.6	1	127.0	763	21
FS HiSOY	HS 30F40 ↗	RXF	3.0	M	79.6	10.1	4	129.3	759	22
Pioneer	P32291E § ↗	E3	3.2	PK	79.4	10.4	1	131.7	757	23
DONMARIO	DM24E84 ↗	E3	2.4	M	79.3	11.4	2	126.7	757	24
FS HiSOY	HS 24F40 ↗	RXF	2.4	M	79.3	11.2	1	126.7	757	25
Stine	27EG22 § ↗	E3	2.7	PK	78.7	10.3	1	129.3	751	26
NuTech	28N03E ↗	E3	2.8	M	78.3	10.9	1	129.0	747	27
Apex	AE3131S ↗	E3,ST	3.1	M	78.1	10.2	1	136.7	745	28
Pioneer	P33A62E § ↗	E3	3.3	M	78.0	10.7	2	139.0	744	29
P3 Genetics	2429E ↗	E3	2.9	M	78.0	11.4	2	116.3	744	30

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Averages = **78.0** **10.8** **2** **126.6** **744**

LSD (0.10) = 6.5 0.6 4

LSD (0.25) = 3.4 0.3 2

C.V. = 7.9

Historic yield: 65.46 bu/a, 3 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.00

Prices: GMO = \$9.54

Report Date: 10/11/2024

† 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

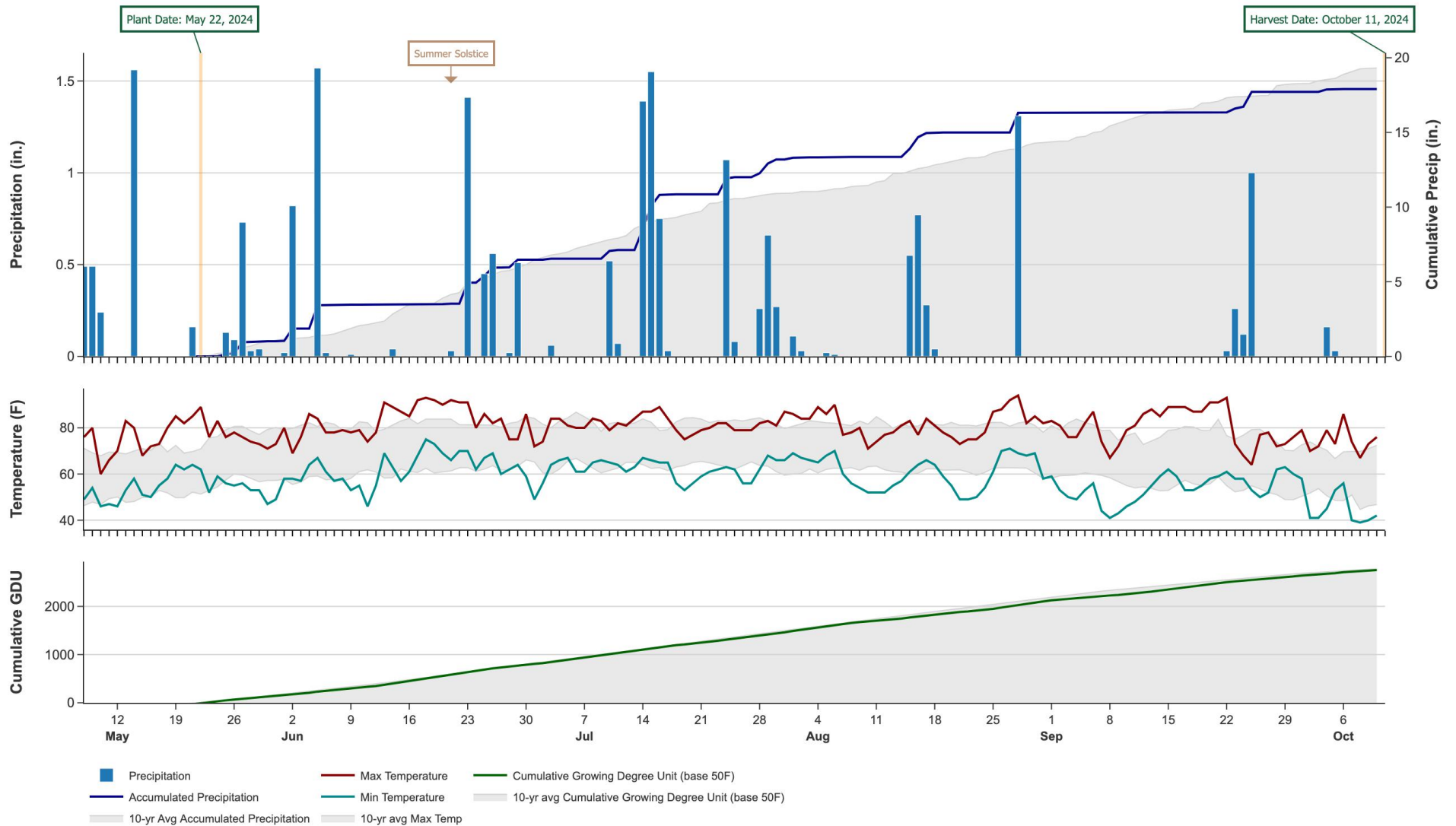
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2024 Soybeans - Illinois North [ILNO]

Weather Conditions Summary at SENECA, IL

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.0 4.1 (-0.1)	5.5 5.1 (+0.4)	6.7 4.8 (+1.9)	3.1 3.4 (-0.2)	1.4 4.0 (-2.5)	0.2 1.1 (-0.9)	20.9 22.3 (-1.4)
GDU Avg (Diff)	370 315 (+54)	664 631 (+32)	666 710 (-44)	642 669 (-27)	518 501 (+16)	133 107 (+25)	2993 2936 (+56)



* 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 [ILNO]

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.