

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

2024 Soybeans Top 30 Harvest Report

Illinois North [ILNO] DIXON, IL
Joe Dunphy, Lee County, IL

All-Season Test	Maturity Group 2.4 - 3.3 S2024ILNO10
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Halex Gt, Roundup (2), Atrazine, Lexar
SOIL DESCRIPTION:	Nachusa silt loam, moderately drained, non-irrigated
SOIL CONDITION:	high P, very high K, 6.8 pH, 4.1% OM, 20.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Authority Supreme, Roundup (2), Mauler, Liberty, Volunteer, Miravis Neo, Steed
FERTILITY - Applied N:	12 Fall
Applied N-P-K (units):	12-40-120
SEEDED - RATE - ROW:	May 17 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 10 137.7 /A

TEST COMMENTS:

This location was planted in no-till on corn stalks and did very well from the get-go. Lots of vegetative growth and tall plants with long internodes were present across this plot. Plants had a good pod set and larger-than-average seed size. Plants were standing very nicely despite the above-average height. Lots of green stems and green leaves were still holding on at the time of harvest. At R1 there was some Japanese beetle pressure but quickly taken care of by Joe. The plot was very nice and a very good example of the soybean season in this area.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Genesis	G3171ES ↗	E3,ST	3.1	M	92.0	10.6	1	141.7	878	1
AgVenture	AV30B2E ↗	E3	3.0	M	90.9	10.9	1	132.0	867	2
Apex	AE3131S ↗	E3,ST	3.1	M	88.1	10.7	1	132.0	840	3
Asgrow	AG33XF3 § ↗	RXF	3.3	R	88.0	10.4	2	141.7	840	4
AgVenture	AV32B2E ↗	E3	3.2	M	87.8	10.4	1	126.7	838	5
Pioneer	P33A62E § ↗	E3	3.3	M	87.7	10.6	1	141.7	837	6
NuTech	30N06E ↗	E3	3.0	M	87.5	10.9	1	144.0	835	7
Stine	31EF02 § ↗	E3	3.1	M	87.4	10.9	1	141.7	834	8
Dyna-Gro	S28XF85 ↗	RXF	2.8	M	87.3	10.6	1	139.3	833	9
NuTech	32N04E ↗	E3	3.2	M	87.1	10.5	1	141.7	831	10
Stine	27EG22 § ↗	E3	2.7	PK	86.6	10.7	1	131.7	826	11
Xitavo	XO 3014E ↗	E3,ST	3.0	M	86.0	10.5	2	136.7	820	12
Golden Harvest	GH3035E3 § ↗	E3	3.0	M	85.9	10.6	2	139.3	819	13
Genesis	G3380E ↗	E3	3.3	PK	85.8	10.3	6	139.3	819	14
Xitavo	XO 3375E ↗	E3	3.3	M	85.8	10.7	1	144.0	819	15
Pioneer	P28A39E § ↗	E3	2.8	M	85.3	10.5	1	139.3	814	16
FS HiSOY	HS 31E20 ↗	E3,ST	3.1	M	84.8	10.7	1	141.7	809	17
NuTech	28N03E ↗	E3	2.8	M	84.4	10.7	1	136.7	805	18
FS HiSOY	HS 30F40 ↗	RXF	3.0	M	84.4	10.4	1	136.7	805	19
DONMARIO	DM32F74 ↗	RXF	3.2	M	84.3	11.0	1	136.7	804	20
Fortus	3393E GC ↗	E3	3.3	NA	84.3	10.4	9	136.7	804	21
FS HiSOY	HS 25E30 ↗	E3	2.5	PK	84.2	11.2	2	139.3	803	22
NuTech	29N05E ↗	E3	2.9	PK	84.1	10.5	1	137.0	802	23
P3 Genetics	2331E ↗	E3	3.1	M	84.1	10.6	1	136.7	802	24
NuTech	27N07E ↗	E3	2.7	M	84.0	10.7	1	131.7	801	25
Xitavo	XO 3105E ↗	E3	3.1	M	83.9	10.7	1	131.7	800	26
ProHarvest	25E35 ↗	E3	2.5	PK	83.2	10.8	2	141.7	794	27
Purple Ribbon	33E25 ↗	E3	3.3	B	83.1	10.4	5	139.3	793	28
Golden Harvest	GH3355E3S § ↗	E3,ST	3.3	PK	83.1	10.6	11	139.3	793	29
Purple Ribbon	31E25 ↗	E3	3.1	M	82.7	10.5	1	131.7	789	30

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Averages = **82.1** **10.7** **2** **137.7** **784**

LSD (0.10) = 5.5 0.3 2

LSD (0.25) = 2.9 0.2 1

C.V. = 6.3

Historic yield: 67.26 bu/a, 6 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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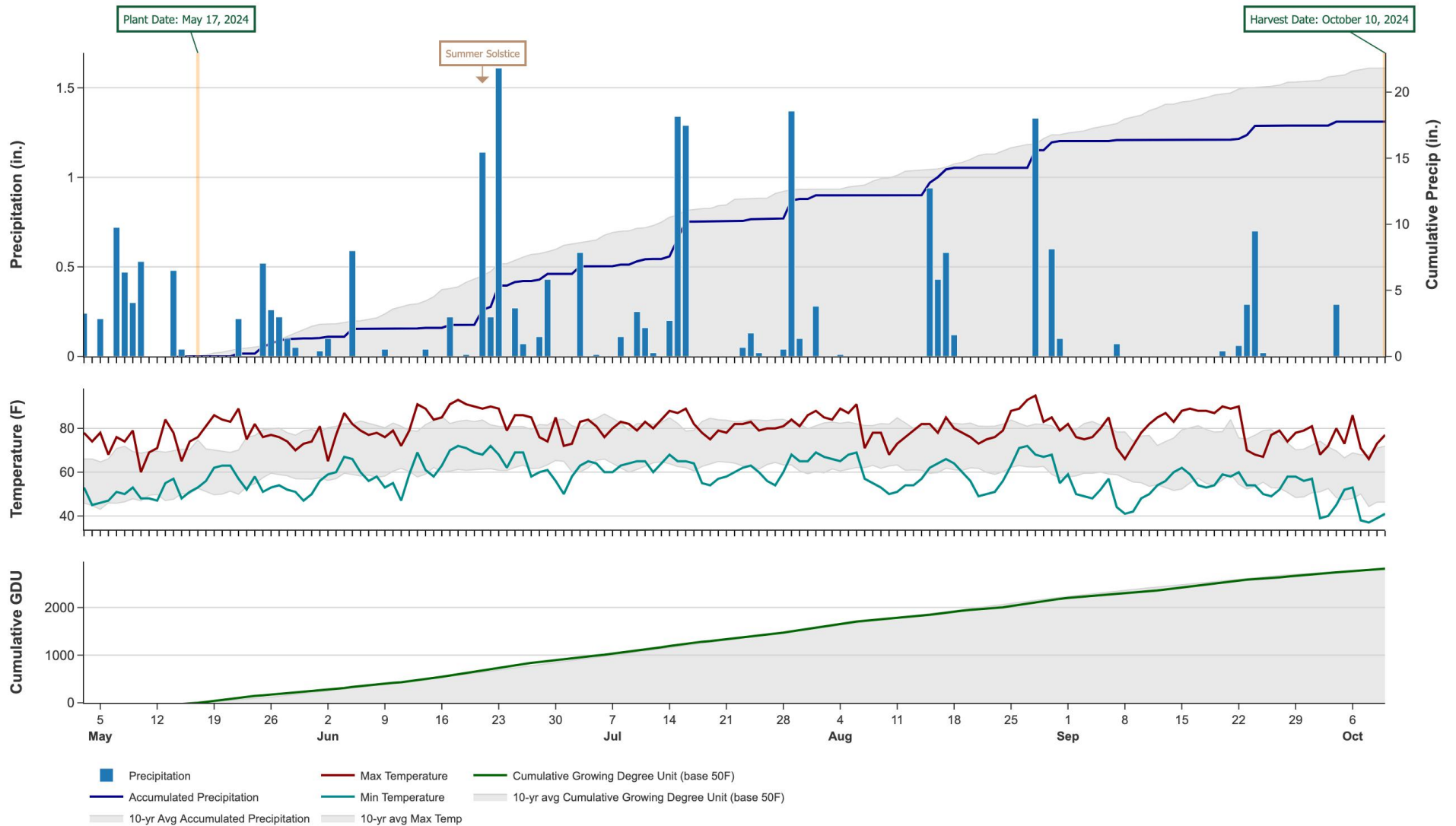
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2024 Soybeans - Illinois North [ILNO]

Weather Conditions Summary at DIXON, IL

Weather Data Retrieved: 10/11/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.3 5.2 (-0.9)	4.9 5.8 (-0.9)	5.7 4.5 (+1.1)	4.4 4.2 (+0.2)	1.2 4.0 (-2.8)	0.3 1.0 (-0.7)	20.8 24.8 (-4.0)
GDU Avg (Diff)	423 355 (+67)	660 630 (+29)	654 706 (-52)	634 666 (-32)	503 492 (+10)	130 103 (+26)	3004 2953 (+50)



* 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.