

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

2024 Soybeans Top 30 Harvest Report

North Central State Line [NCSL] MONROE, WI
Seven'LL Do Dairy, Phil Wellnitz, Green County, WI 53576

All-Season Test	Maturity Group 2.1 - 2.9 S2024NCSL05
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Verdict, Roundup
SOIL DESCRIPTION:	Marshan loam, poorly drained, non-irrigated
SOIL CONDITION:	medium P, low K, 7.0 pH, 5.6% OM, 18.3 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Zidua Pro, Rancor, Roundup (2)
FERTILITY - Applied N:	25 Fall
Applied N-P-K (units):	25-48-72
SEEDED - RATE - ROW:	May 17 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 8 143.4 /A

TEST COMMENTS:

The plot was planted in mid-May and it rained after that until the middle of July. This soil type is on the lighter side and can dry out pretty quickly. Plants all had a nice stature and were standing well still at harvest. Seed size was just a little larger than average for what we have seen this year. There were small amounts of White Mold present on a few varieties but that did not seem to hurt the yield.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 25E30 ↗	E3	2.5	PK	81.9	11.4	1	161.7	799	1
NK Brand	NK21-C2E3 ↗	E3	2.1	M	81.3	11.3	1	167.3	793	2
Golden Harvest	GH2814E3S ↗	E3,ST	2.8	M	79.3	11.4	1	181.0	773	3
Xitavo	XO 2735E ↗	E3	2.7	M	78.9	11.9	1	145.0	769	4
Dairyland	DSR-2633E ↗	E3	2.6	M	78.1	11.5	1	134.0	761	5
Xitavo	XO 2625E ↗	E3	2.6	M	78.1	11.9	1	167.3	761	6
P3 Genetics	2527E ↗	E3	2.7	PK	78.0	11.1	4	170.0	760	7
NK Brand	NK23-P1E3 § ↗	E3	2.3	PK	77.2	11.8	1	131.0	753	8
NuTech	22N04E ↗	E3	2.2	PK	76.8	11.1	17	133.7	749	9
Pioneer	P28A39E GC ↗	E3	2.8	M	76.1	11.2	9	125.3	742	10
Golden Harvest	GH2674E3 § ↗	E3	2.6	M	76.0	11.8	1	162.0	741	11
Loyal	L2560E ↗	E3	2.5	M	75.4	11.2	1	167.3	735	12
Golden Harvest	GH2775E3 ↗	E3	2.7	M	74.8	12.0	1	159.0	729	13
Loyal	LSX232-24E ↗	E3	2.3	PK	74.6	11.1	1	167.3	727	14
NuTech	27N03E ↗	E3	2.7	PK	74.2	11.4	6	156.0	723	15
Xitavo	XO 2865E ↗	E3	2.8	M	73.8	11.0	13	147.7	720	16
P3 Genetics	2424E ↗	E3	2.4	M	73.7	11.5	1	178.7	719	17
Xitavo	XO 2985E ↗	E3	2.9	M	73.4	11.3	1	156.0	716	18
NuTech	24N05E ↗	E3	2.4	PK	73.3	10.8	4	153.3	715	19
Pioneer	P28A65E § ↗	E3	2.8	M	73.3	11.0	1	136.7	715	20
NuTech	21N08E ↗	E3	2.1	PK	73.1	10.9	1	156.0	713	21
Stine	27EG22 § ↗	E3	2.7	PK	73.0	11.0	1	136.7	712	22
Genesis	G2960E ↗	E3	2.9	M	72.9	11.3	1	131.0	711	23
Fortus	2445E ↗	E3	2.4	M	72.8	11.4	1	120.0	710	24
Loyal	L2160E ↗	E3	2.1	NA	72.6	11.3	1	139.3	708	25
FS HiSOY	HS 29E40 ↗	E3	2.9	PK	72.5	11.2	6	128.3	707	26
NuTech	25N05E ↗	E3	2.5	PK	71.8	11.5	4	156.3	700	27
Connect	CT2124E § ↗	E3	2.1	M	71.7	11.3	1	117.0	699	28
Fortus	2775E ↗	E3	2.7	PK	71.6	11.2	1	125.7	698	29
DONMARIO	DM24E84 ↗	E3	2.4	M	70.9	11.9	1	150.7	691	30

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Averages = **70.8** **11.4** **3** **143.4** **690**

LSD (0.10) = 4.9 ns ns

LSD (0.25) = 2.6 ns ns

C.V. = 6.6 Historic yield: 60.92 bu/a, 6 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$9.75

Report Date: 10/08/2024

† 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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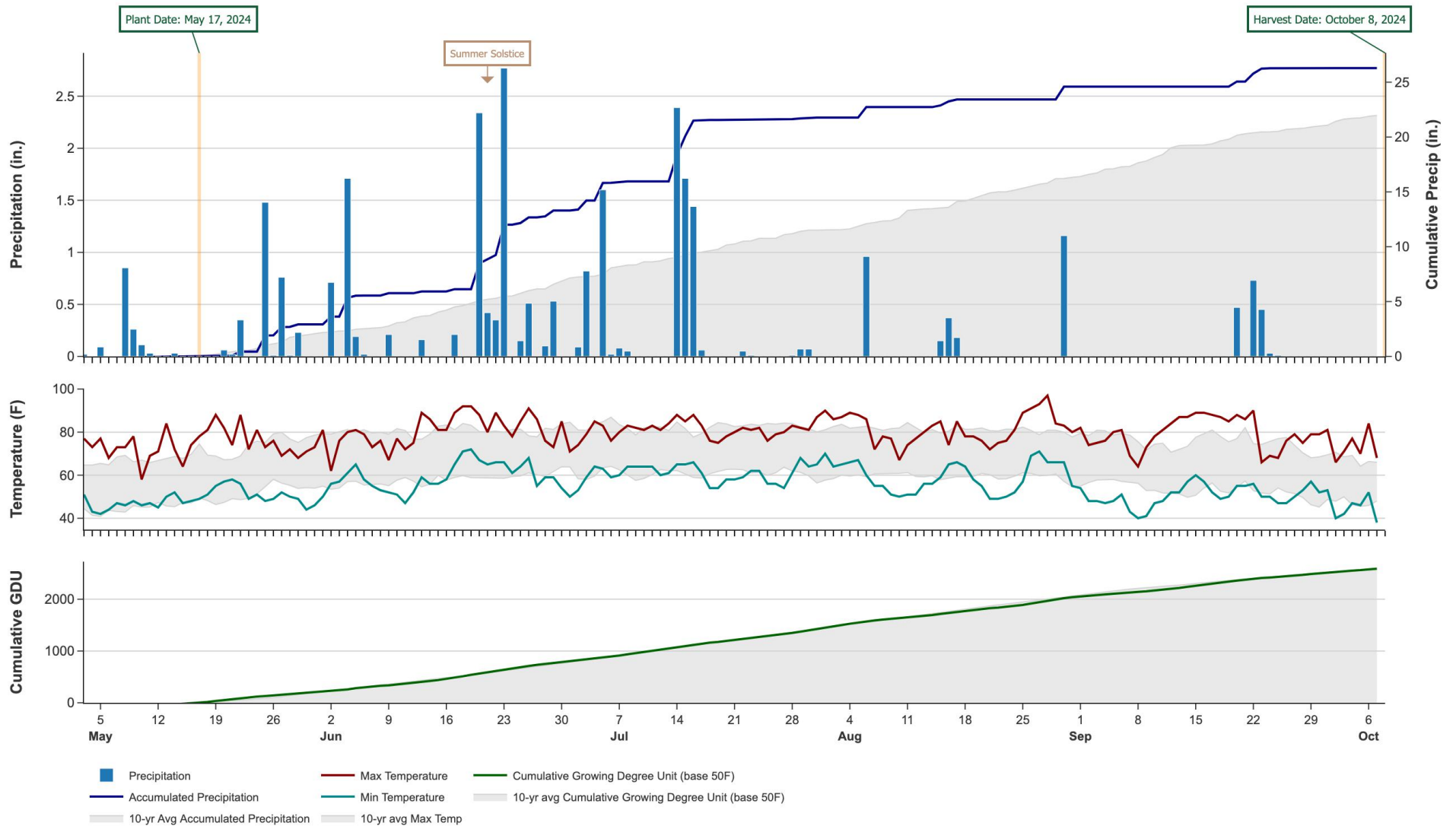
Additional reports available at www.firstseedtests.com

2024 Soybeans - North Central State Line [NCSL]

Weather Conditions Summary at MONROE, WI

Weather Data Retrieved: 10/08/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.3 3.8 (+0.5)	10.4 4.8 (+5.6)	8.5 4.6 (+3.8)	2.8 4.8 (-2.0)	1.7 4.7 (-3.0)	0.0 1.0 (-1.0)	27.7 23.7 (+4.0)
GDU Avg (Diff)	368 316 (+51)	588 577 (+10)	638 673 (-35)	616 632 (-16)	465 442 (+22)	86 62 (+23)	2761 2704 (+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.

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All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Connect	CT2124E §	E3	M	2.1	ACi,IL
Connect	CT2323E §	E3	M	2.3	ACi,IL
Connect	CT2623E §	E3	PK	2.6	ACi,IL
Dairyland	DSR-2347E	E3	M	2.3	Lum,Lu,IL
Dairyland	DSR-2633E	E3	M	2.6	Lum,Lu,IL
Dairyland	DSR-2838E	E3	M	2.8	Lum,Lu,IL
DONMARIO	DM22E64	E3	M	2.2	F,I,B
DONMARIO	DM24E84	E3	M	2.4	F,I,B
Fortus	2165E	E3	M	2.1	AC, SU
Fortus	2445E	E3	M	2.4	AC, SU
Fortus	2775E	E3	PK	2.7	AC, SU
FS HiSOY	HS 23E40	E3	PK	2.3	ACi,SA
FS HiSOY	HS 25E30	E3	PK	2.5	ACi,SA
FS HiSOY	HS 28E10	E3	M	2.8	ACi,SA
FS HiSOY	HS 29E40	E3	PK	2.9	ACi,SA
Genesis	G2390E	E3	PK	2.3	EcTC,SA
Genesis	G2570ES	E3,ST	M	2.5	EcTC,SA
Genesis	G2960E	E3	M	2.9	EcTC,SA
Golden Harvest	GH2315E3 §	E3	PK	2.3	Untreated
Golden Harvest	GH2674E3 §	E3	M	2.6	CMB-APX,SA
Golden Harvest	GH2775E3	E3	M	2.7	CMB-APX,SA
Golden Harvest	GH2814E3S	E3,ST	M	2.8	CMB-APX,SA
Loyal	L2160E	E3	NA	2.1	F,I,B,NE,NU
Loyal	L2560E	E3	M	2.5	F,I,B,NE,NU
Loyal	LSX232-24E	E3	PK	2.3	F,I,B,NE,NU
NK Brand	NK21-C2E3	E3	M	2.1	CMB-APX,SA
NK Brand	NK23-P1E3 §	E3	PK	2.3	Untreated
NK Brand	NK26-M6E3	E3	M	2.6	CMB-APX,SA
NK Brand	NK27-J5E3	E3	M	2.7	CMB-APX,SA
NuTech	21N08E	E3	PK	2.1	Lum, LumT, IL
NuTech	22N04E	E3	PK	2.2	Lum, LumT, IL
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
P3 Genetics	2424E	E3	M	2.4	PG+
P3 Genetics	2523E	E3	PK	2.3	PG+
P3 Genetics	2527E	E3	PK	2.7	PG+
Pioneer	P23A40E §	E3	M	2.3	Lum,Lu
Pioneer	P25A16E §	E3	PK	2.5	Lum,Lu

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Pioneer	P28A39E GC	E3	M	2.8	Lum,Lu
Pioneer	P28A65E §	E3	M	2.8	Lum
Stine	22EG02 §	E3	M	2.2	TFX1,SA
Stine	25EG23 §	E3	M	2.5	TFX1,SA
Stine	27EG22 §	E3	PK	2.7	TFX1,SA
Xitavo	XO 2305E	E3	M	2.3	PV,IL,OB,Rey
Xitavo	XO 2444E	E3,ST	M	2.4	PV,IL,OB,Rey
Xitavo	XO 2625E	E3	M	2.6	PV,IL,OB,Rey
Xitavo	XO 2735E	E3	M	2.7	PV,IL,OB,Rey
Xitavo	XO 2832E	E3	M	2.8	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

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®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron® Standard Insecticide-Fungicide, Saltro®
AC, SU	Acceleron standard+ StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I,B	Fungicide, Insecticide, Biological
F,I,B,NE,NU	Fungicide, Insecticide, Biological, Nematicide, Nutrition
Lum	LumiGEN™
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PG+	Profit Guard +
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.