

Test by: Southern MN FIRST New Richland, MN

2024 Soybeans Top 30 Harvest Report

Minnesota South Central [MNSC] NERSTRAND, MN
Schrader Grain, Rice County, MN

All-Season Test	Maturity Group 1.5 - 2.2 S2024MNSC12
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Corn / Resicore, Roundup, Stinger
SOIL DESCRIPTION:	Kato silty clay loam, mod. poorly drained, non-irrigated
SOIL CONDITION:	high P, very high K, 7.6 pH, 4.9% OM, 22.5 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Zidua Pro, Prefix, Intensity, Cadet, Endigo
FERTILITY - Applied N:	13 Fall
Applied N-P-K (units):	13-63-98
SEDED - RATE - ROW:	May 18 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 6 123.9 /A

TEST COMMENTS:

This site was planted in good soil conditions. In early June, 5.5" of rain caused ponding right next to this plot, and left corn stalk residue on the end rows after the water receded. The first horizontal replication was lost from this rain event, but the rest of this site looked great at harvest. Plants stood well, and weed control was very good. Seed size was larger here than I have seen at other FIRST sites in southern MN. Brian told me they had plenty of rain, but this area did not get as much excessive rainfall in April, May, and June as other southern MN sites to the west and south.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Genesis	G1560E ↗	E3	1.5	R	66.4	7.6	0	124.0	676	1
Fortus	1502E ↗	E3	1.5	M	66.1	7.7	0	124.5	674	2
Xitavo	XO 1632E ↗	E3	1.6	M	65.5	7.8	0	124.5	668	3
Xitavo	XO 1822E ↗	E3	1.8	M	64.9	7.7	1	125.5	662	4
Genesis	G1760E ↗	E3	1.7	R	64.9	7.6	1	125.0	661	5
Apex	AE1720 ↗	E3	1.7	M	64.4	7.7	0	124.0	657	6
Stine	17EE32 § ↗	E3	1.7	M	64.4	7.7	1	123.0	656	7
Golden Harvest	GH2292E3 § ↗	E3	2.2	M	64.1	7.5	0	124.0	654	8
Asgrow	AG20XF4 § ↗	RXF	2.0	R	64.0	7.7	1	124.0	653	9
Genesis	G1980E ↗	E3	1.9	PK	64.0	7.5	0	122.5	653	10
Renk	RS194NXF ↗	RXF	1.9	M	63.9	7.7	0	123.5	652	11
Stine	22EG02 § ↗	E3	2.2	M	63.7	7.6	0	125.5	650	12
Anderson	A1923XF ↗	RXF	1.9	M	63.6	7.7	0	124.0	648	13
Apex	AE1520 ↗	E3	1.5	M	63.3	7.7	0	122.5	646	14
Golden Harvest	GH1875E3 § ↗	E3	1.8	M	62.0	7.7	0	123.5	632	15
Anderson	A203E3 ↗	E3	2.0	M	60.8	7.6	0	124.5	620	16
Asgrow	AG19XF3 § ↗	RXF	1.9	R	60.3	7.4	0	124.0	614	17
Genesis	G1590E ↗	E3	1.5	PK	60.2	7.6	0	124.0	614	18
Fortus	2043E ↗	E3	2.0	M	60.1	7.7	0	125.0	613	19
Dairyland	DSR-2111E ↗	E3	2.1	PK	60.1	7.7	0	123.0	612	20
Asgrow	AG18XF1 § ↗	RXF	1.8	R	59.9	7.6	0	125.5	611	21
Genesis	G2180E ↗	E3	2.1	M	59.8	7.6	0	123.0	610	22
Fortus	2165E ↗	E3	2.1	M	59.8	7.6	0	122.0	610	23
Apex	AE2050 ↗	E3	2.0	PK	59.7	7.7	0	125.0	608	24
Apex	AE1550 ↗	E3	1.5	PK	59.4	7.6	0	123.5	606	25
Renk	RS155NXF ↗	RXF	1.5	M	59.4	7.8	0	124.0	606	26
Dahlman	7520XF ↗	RXF	2.0	M	59.4	7.8	0	124.0	606	27
Anderson	A174E3 ↗	E3	1.7	M	59.2	7.6	0	124.5	603	28
Dairyland	DSR-2055E ↗	E3	2.0	M	59.1	7.4	0	125.0	602	29
Genesis	G2090E ↗	E3	2.0	PK	58.8	7.7	0	123.0	600	30

Averages = **59.5** **7.6** **0** **123.9** **607**

LSD (0.10) = 3.8 0.1 ns

LSD (0.25) = 2.0 0.1 ns

C.V. = 4.9

Historic yield: 62.66 bu/a, 7 yr(s)

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.02 Prices: GMO = \$10.20

Report Date: 10/07/2024

† 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 exceeded 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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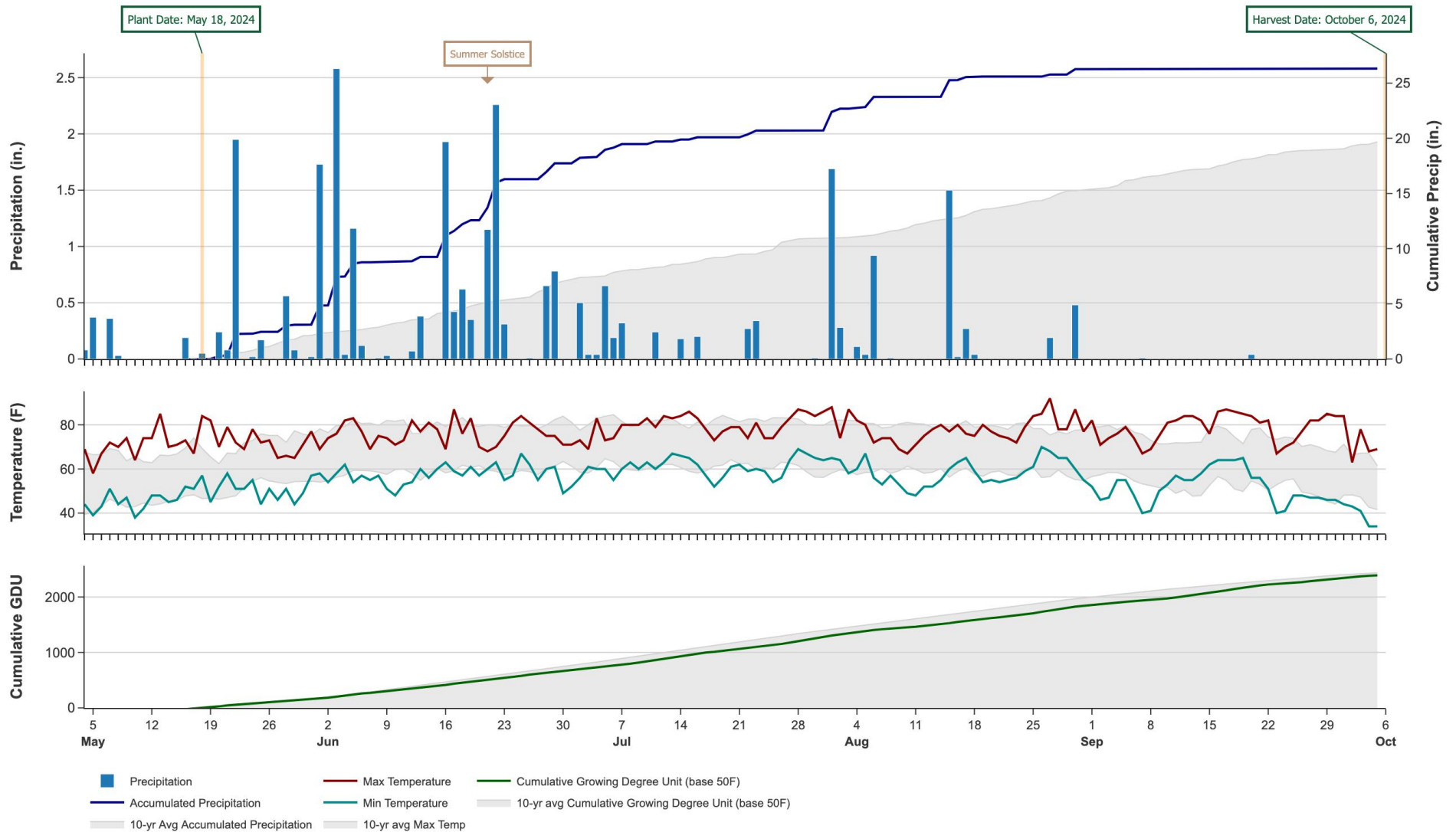
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2024 Soybeans - Minnesota South Central [MNSC]

Weather Conditions Summary at NERSTRAND, MN

Weather Data Retrieved: 10/07/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	4.2 4.6 (-0.4)	14.6 4.9 (+9.7)	3.0 3.9 (-0.9)	5.5 4.4 (+1.2)	0.1 3.7 (-3.6)	0.0 0.7 (-0.7)	27.4 22.1 (+5.2)
GDU Avg (Diff)	320 288 (+31)	504 582 (-78)	618 653 (-35)	562 587 (-25)	494 410 (+83)	56 41 (+14)	2554 2563 (-9)



* 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 - Minnesota South Central [MNSC]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Anderson	A154E3	E3	PK	1.5	Untreated
Anderson	A174E3	E3	M	1.7	Untreated
Anderson	A184E3	E3	PK	1.8	Untreated
Anderson	A1923XF	RXF	M	1.9	Untreated
Anderson	A203E3	E3	M	2.0	Untreated
Apex	AE1520	E3	M	1.5	F,I
Apex	AE1550	E3	PK	1.5	CMBV,SA
Apex	AE1720	E3	M	1.7	F,I
Apex	AE1940	E3	PK	1.9	F,I
Apex	AE2050	E3	PK	2.0	F,I
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Asgrow	AG20XF4 §	RXF	R	2.0	ACi,IL
Dahlgren	7520XF	RXF	M	2.0	Treated
Dairyland	DSR-2055E	E3	M	2.0	Lum,Lu,IL
Dairyland	DSR-2111E	E3	PK	2.1	Lum,Lu,IL
Dairyland	DSR-2236E	E3	M	2.2	Lum,Lu,IL
Fortus	1502E	E3	M	1.5	AC, SU
Fortus	1895E	E3	PK	1.8	AC, SU
Fortus	2043E	E3	M	2.0	AC, SU
Fortus	2165E	E3	M	2.1	AC, SU
Genesis	G1560E	E3	R	1.5	EcTC
Genesis	G1590E	E3	PK	1.5	EcTC
Genesis	G1760E	E3	R	1.7	EcTC
Genesis	G1970E	E3	M	1.9	EcTC
Genesis	G1980E	E3	PK	1.9	EcTC
Genesis	G2090E	E3	PK	2.0	EcTC,SA
Genesis	G2180E	E3	M	2.1	EcTC,SA
Golden Harvest	GH1614E3	E3	PK	1.6	CMB-APX,SA
Golden Harvest	GH1875E3 §	E3	M	1.8	CMB-APX,SA
Golden Harvest	GH2004XF §	RXF	M	2.0	CMB-APX,SA
Golden Harvest	GH2292E3 §	E3	M	2.2	CMB-APX,SA
Jacobsen	J1873E3	E3	PK	1.8	F,I
Jacobsen	J1942E3	E3	PK	1.9	F,I
Jacobsen	J2223E3	E3	S	2.2	F,I
Pioneer	P14A12E §	E3	NA	1.4	Untreated
Pioneer	P20A48E §	E3	M	2.0	Untreated
Renk	RS155NXF	RXF	M	1.5	EcTC
Renk	RS194NXF	RXF	M	1.9	EcTC
Stine	17EE32 §	E3	M	1.7	TFX1,SA
Stine	20EG02 §	E3	M	2.0	TFX1,SA
Stine	22EG02 §	E3	M	2.2	TFX1,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Titan Pro	TP 18E22	E3	PK	1.8	CMB-APX,SA
Xitavo	XO 1545E	E3	PK	1.5	PV,IL,OB,Rey
Xitavo	XO 1632E	E3	M	1.6	PV,IL,OB,Rey
Xitavo	XO 1822E	E3	M	1.8	PV,IL,OB,Rey
Xitavo	XO 2075E	E3	PK	2.0	PV,IL,OB,Rey
Xitavo	XO 2282E	E3	M	2.2	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 Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybeans Technologies

E3	Enlist E3®
RXF	XtendFlex®

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
AC, SU	Acceleron standard+ StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F,I	Fungicide, Insecticide
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.