

Test by: NewVenture, LLC Ellendale, MN

2024 Soybeans Top 30 Harvest Report

Minnesota Central [MNCE] KERKHOVEN, MN

Rolo Dairy, Rod and Brody Lindquist, Swift County, MN 56252

All-Season Test	Maturity Group 1.3 - 2.0 S2024MNCE01
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Tripleflex, Calisto, Laudis, Roundup
SOIL DESCRIPTION:	Esmond-Sisseton-Heimdal Complex loam, well drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 7.9 pH, 3.3% OM, 21.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Authority Edge, Liberty, Roundup, Clethodim, Priaxor
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 11 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 8 126.4 /A

TEST COMMENTS:

This no-till seedbed was hard and dry at planting. There was too much rain to get things going and then too dry to get things finished well. The beans were standing well and some were on the tough side to combine. Rod noted that the surrounding field did yield in the upper 40's. There was no weed pressure and minimal disease pressure was noted. We want to thank Rod and Brody for hosting a bean plot again. The results were rejected due to high yield variability possibly from soil variation through the plot.

Company/Brand	Product/Brand	Yield (bu/a)	Moisture (%)	Shrink (%)	Drying (\$/bu)	Prices: GMO (\$/bu)	Gross Income (\$/a)	Rank		
Agrius	AG1807F g +	80†	1.8	8	85.4	7.3	0	126.7	419	1
Stiv	28022 g +	83	2.0	8	83.0	6.2	8	127.3	887	2
Thunder	T80176 +	80†	1.7	8	82.4	7.3	1	126.0	891	3
Golden Harvest	G11000†	80†	1.5	8	80.0	7.2	2	127.1	988	4
Proseed	P104276 g +	83	1.8	8A	80.0	7.7	0	127.3	988	5
Thunder	T81026 +	83	1.8	8A	79.0	7.2	0	127.3	990	6
Thunder	T80126 +	80†	1.5	8	79.0	7.7	0	126.7	998	7
Jacobson	J10783 +	83	1.8	8	78.0	7.0	0	126.0	992	8
Agri	AG1880 +	83	1.8	8	77.8	7.0	0	127.3	995	9
Dorland	D081888 +	83	1.8	8	76.0	7.0	0	126.3	998	10
Genesee	G10880 +	83	1.8	8	75.0	7.1	0	126.7	997	11
Stiv	180222 g +	83	1.8	8	74.0	7.2	3	126.3	998	12
Dorland	D081888 +	83	1.8	8	73.0	7.0	0	126.3	999	13
Dorland	D081888 +	83	1.8	8	73.0	7.3	0	126.7	999	14
Thunder	T80126 +	80†	1.7	8	69.8	7.0	0	127.3	997	15
Stiv	NO 20780 +	83	1.8	8	69.4	7.2	0	117.3	998	16
Dorland	D081888 +	83	1.8	8	69.3	7.1	1	126.0	999	17
Dark Side	D80117 +	83	1.7	8	69.1	7.0	3	126.7	999	18
Loft	L10880	83	1.8	8	68.9	7.2	1	122.0	999	19
Agrius	AG1807F g +	80†	1.8	8	68.3	7.3	1	126.3	999	20
Thunder	T81026 +	83	1.3	8	68.2	7.0	0	126.0	999	21
Golden Harvest	G11000†	83	1.8	8	68.0	7.4	0	126.7	999	22
Agri	AG1880 +	83	2.0	8	67.8	7.2	1	127.3	999	23
Agrius	AG1807F g +	80†	1.4	8	67.0	7.1	1	127.0	997	24
Golden Harvest	G11000†	83	1.4	8	62.4	7.2	1	127.7	998	25
Jacobson	J10483 +	83	1.8	8	62.2	6.0	0	127.0	998	26
Dark Side	D80114 +	83	1.4	8	61.2	7.2	3	126.3	998	27
Proseed	P104276 g +	83	2.0	8	61.0	7.2	0	127.0	998	28
Stiv	NO 18022 +	83	1.8	8	60.9	7.0	10	124.0	998	29
Genesee	G10880 +	83	1.8	8	60.8	7.0	4	126.3	997	30

REJECTED

Averages = **52.5** **7.3** **2** **126.4** **497**

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns

C.V. = 19.0

Historic yield: 51.74 bu/a, 3 yr(s)

Ed Dahle

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.2

Drying = \$0.04

Prices: GMO = \$9.47

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

Additional reports available at www.firstseedtests.com

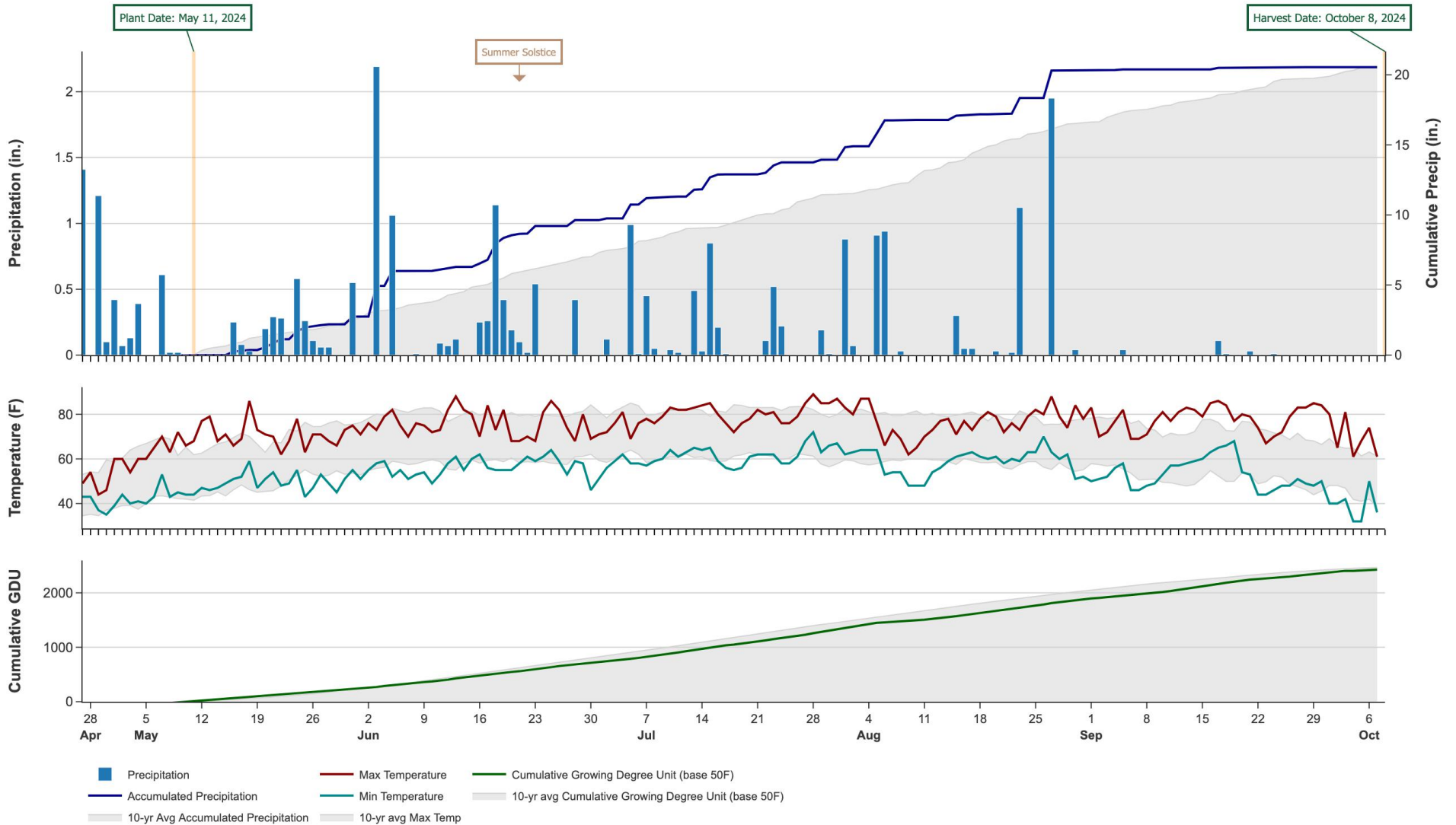
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2024 Soybeans - Minnesota Central [MNCE]

Weather Conditions Summary at KERKHOVEN, MN

Weather Data Retrieved: 10/08/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	2.7 0.5 (+2.2)	4.4 3.6 (+0.8)	6.9 4.5 (+2.4)	4.3 4.5 (-0.1)	6.4 5.1 (+1.2)	0.2 3.2 (-3.0)	0.0 0.8 (-0.8)	24.9 22.2 (+2.8)
GDU Avg (Diff)	0 0 (0)	296 291 (+4)	482 577 (-95)	624 656 (-32)	546 580 (-34)	486 384 (+101)	59 44 (+14)	2493 2535 (-42)



* 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 (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1350	E3	M	1.3	F,I
Apex	AE1520	E3	M	1.5	F,I
Apex	AE1550	E3	PK	1.5	NA
Apex	AE2050	E3	PK	2.0	F,I
Asgrow	AG14XF4 §	RXF	R	1.4	ACi,IL
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Dairyland	DSR-1476E	E3	M	1.4	Lum,Lu,IL
Dairyland	DSR-1654E	E3	M	1.6	Lum,Lu,IL
Dairyland	DSR-1989E	E3	PK	1.9	Lum,Lu,IL
Dairyland	DSR-2055E	E3	M	2.0	Lum,Lu,IL
Dak-Sota	DE5117	E3	M	1.7	F
Dak-Sota	DE5215	E3	M	1.5	F
Dak-Sota	DE5514	E3	PK	1.4	F
Dak-Sota	DE5519	E3	PK	1.9	F
Genesis	G1560E	E3	R	1.5	EcTC
Genesis	G1590E	E3	PK	1.5	CMBV,SA
Genesis	G1760E	E3	R	1.7	EcTC
Genesis	G2090E	E3	PK	2.0	EcTC,SA
Golden Harvest	GH1495E3 §	E3	PK	1.4	CMB-APX,SA
Golden Harvest	GH1555XF	RXF	M	1.5	CMB-APX,SA
Golden Harvest	GH1614E3 §	E3	PK	1.6	CMB-APX,SA
Golden Harvest	GH1875E3 §	E3	M	1.8	CMB-APX,SA
Jacobsen	J1464E3	E3	PK	1.4	F,I
Jacobsen	J1873E3	E3	PK	1.8	F,I
Jacobsen	J1942E3	E3	PK	1.9	F,I
Loyal	L1860E GC	E3	PK	1.8	F,I,B,NE,NU
Pioneer	P14A12E §	E3	NA	1.4	Untreated
Pioneer	P19A37E §	E3	NA	1.9	Untreated
Pioneer	P20A48E §	E3	M	2.0	Untreated
Renk	RS194NXF GC	RXF	M	1.9	EcTC, NF, SA
Stine	13EG23 §	E3	M	1.3	TFX1,SA
Stine	17EE32 §	E3	M	1.7	TFX1,SA
Stine	20EG02 §	E3	M	2.0	TFX1,SA
Thunder	TE7415N	E3	PK	1.5	F
Thunder	TE7513N	E3	PK	1.3	F
Thunder	TX8215N	RXF	M	1.5	F
Thunder	TX8313N	RXF	M	1.3	F
Thunder	TX8417N	RXF	M	1.7	F
Xitavo	XO 1372E	E3,ST	R	1.3	PV,IL,OB,Rey
Xitavo	XO 1404E	E3	M	1.4	PV,IL,OB,Rey
Xitavo	XO 1545E	E3	PK	1.5	PV,IL,OB,Rey

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
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

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,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Saltro®
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
EcTC, NF, SA	Eclipse US Total Coverage, N-Force, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro®
F	Fungicide
F,I	Fungicide, Insecticide
F,I,B,NE,NU	Fungicide, Insecticide, Biological, Nematicide, Nutrition
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
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.