

Test by: NewVenture, LLC Ellendale, MN

2024 Soybeans Top 30 Harvest Report

Minnesota Central [MNCE] CLINTON, MN
Doug Nelson, Big Stone County, MN 56225

All-Season Test	Maturity Group 1.3 - 2.0 S2024MNCE02
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Force, Calisto, Roundup
SOIL DESCRIPTION:	Fram-Vallers-Parnell Complex loam, moderately drained, non- irrigated
SOIL CONDITION:	high P, low K, 7.5 pH, 4.7% OM, 22.0 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Liberty, Actamaster
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 13 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 7 127.7 /A

TEST COMMENTS:

This site was the first soybean plot we planted this spring. The site got off to a wet start and a very dry finish which probably led to lower than expected yield. The beans were standing well, very dry, and combined easily. There was very little weed and disease pressure noted. We want to thank Doug and Nate for hosting a soybean plot again.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	13EG23 § ↗	E3	1.3	M	58.1	6.9	3	126.7	590	1
Xitavo	XO 1632E ↗	E3	1.6	M	58.0	6.8	3	127.5	589	2
Golden Harvest	GH1555XF ↗	RXF	1.5	M	57.8	6.9	0	127.3	587	3
Apex	AE2050 ↗	E3	2.0	PK	57.6	6.8	0	128.3	585	4
Dairyland	DSR-1989E ↗	E3	1.9	PK	56.8	6.9	1	127.0	577	5
Apex	AE1350 ↗	E3	1.3	M	56.6	6.8	0	128.7	574	6
Thunder	TX8417N ↗	RXF	1.7	M	56.2	6.9	0	127.7	570	7
Stine	20EG02 § ↗	E3	2.0	M	56.1	7.1	0	128.0	568	8
Genesis	G1560E ↗	E3	1.5	R	55.6	6.8	0	128.3	564	9
Asgrow	AG18XF1 § ↗	RXF	1.8	R	55.2	6.7	1	128.7	560	10
Asgrow	AG19XF3 § ↗	RXF	1.9	R	55.2	6.9	3	127.3	560	11
Jacobsen	J1942E3 ↗	E3	1.9	PK	54.9	6.8	0	126.0	557	12
Xitavo	XO 1404E ↗	E3	1.4	M	54.7	6.8	0	127.3	555	13
Thunder	TX8215N ↗	RXF	1.5	M	54.7	6.9	0	128.7	555	14
Jacobsen	J1464E3 ↗	E3	1.4	PK	54.5	6.8	8	125.7	553	15
Thunder	TE7415N ↗	E3	1.5	PK	53.6	6.8	0	128.7	544	16
Dairyland	DSR-1654E ↗	E3	1.6	M	53.4	6.8	1	127.3	542	17
Dairyland	DSR-1476E ↗	E3	1.4	M	53.1	6.9	0	128.7	539	18
Genesis	G1760E ↗	E3	1.7	R	52.4	6.9	0	128.3	532	19
Golden Harvest	GH1875E3 § ↗	E3	1.8	M	52.2	6.9	4	127.7	530	20
Golden Harvest	GH1495E3 § ↗	E3	1.4	PK	51.8	6.9	1	128.5	526	21
Loyal	L1860E GC ↗	E3	1.8	PK	51.7	6.7	0	127.7	525	22
Xitavo	XO 1822E ↗	E3	1.8	M	51.4	6.9	1	127.3	522	23
Xitavo	XO 1545E ↗	E3	1.5	PK	51.0	6.9	1	128.3	518	24
Dak-Sota	DE5519 ↗	E3	1.9	PK	51.0	6.8	0	128.7	518	25
Stine	17EE32 § ↗	E3	1.7	M	50.7	6.8	6	128.0	515	26
Asgrow	AG14XF4 § ↗	RXF	1.4	R	50.7	6.8	0	128.7	515	27
Genesis	G1590E ↗	E3	1.5	PK	50.3	6.8	1	125.0	511	28
Dak-Sota	DE5215 ↗	E3	1.5	M	49.8	6.8	0	128.7	505	29
Dairyland	DSR-2055E ↗	E3	2.0	M	49.7	6.8	0	126.7	504	30

Averages = **51.3** **6.8** **1** **127.7** **522**

LSD (0.10) = 6.1 ns 2

LSD (0.25) = 3.2 ns 1

Ed Dahle

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C.V. = 11.2 Historic yield: 53.36 bu/a, 15 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.02 Prices: GMO = \$10.15

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 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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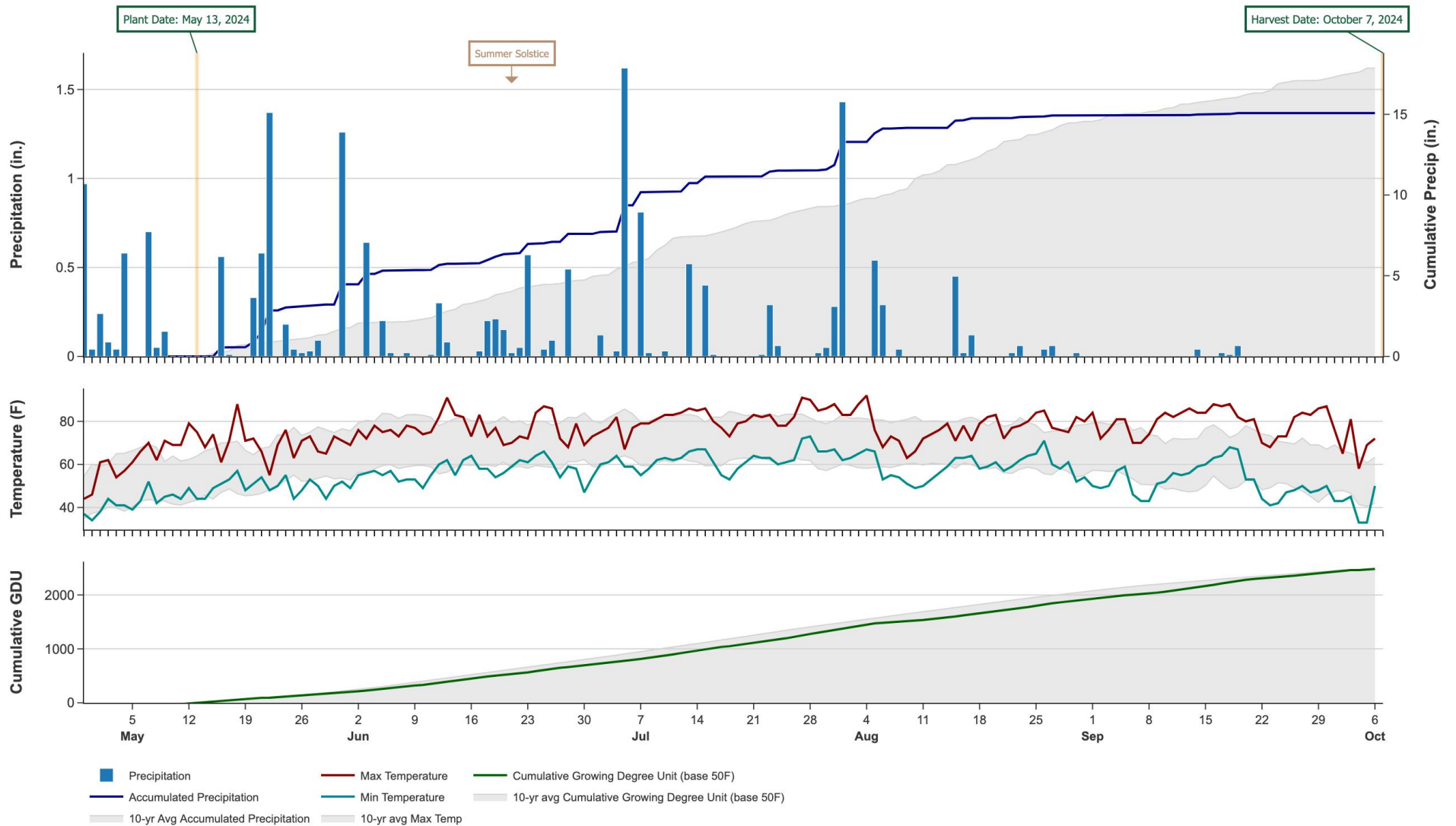
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2024 Soybeans - Minnesota Central [MNCE]

Weather Conditions Summary at CLINTON, MN

Weather Data Retrieved: 10/08/2024

Monthly Total	Apr*	May	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.0 0.3 (+0.8)	6.3 3.0 (+3.3)	3.1 3.0 (+0.1)	4.3 4.6 (-0.3)	3.1 5.3 (-2.2)	0.1 2.6 (-2.5)	0.0 0.7 (-0.7)	17.9 19.4 (-1.5)
GDU Avg (Diff)	0 0 (0)	282 296 (-14)	503 591 (-88)	663 668 (-5)	560 587 (-27)	511 385 (+125)	56 44 (+11)	2575 2574 (0)



* 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 Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	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.