

Test by: Peterson Seed Testing LLC ,

## 2024 Soybeans Top 30 Harvest Report

South Dakota East Central [SDEC] TRENT, SD  
Dean Jaycox, Moody County, SD

<b>All-Season Test</b>	Maturity Group 1.6 - 2.3 S2024SDEC08
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Surestart, Acuron, Roundup
<b>SOIL DESCRIPTION:</b>	Flandreau loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 5.1 pH, 4.9% OM, 18.9 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Broadaxe, Sencor, Volunteer
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 17 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 3 117.2 /A

### TEST COMMENTS:

After a fairly wet early spring, we were able to plant this site on May 17. Planting conditions were ideal, and I was glad to plant this bean plot in the mid-May planting window. Rains followed planting but did not crust the soil, and the beans emerged very well. Heavy rainfall in June drowned out many acres, but fortunately, this site was on a slight slope and drains very well. A drier finish to the growing season likely took away some top-end yield, but overall the plot looked great, and weed control was excellent. Warm and windy harvest weather has caused moisture levels to drop rapidly.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	GH2292E3 § ↗	E3	2.2	M	<b>66.2</b>	9.5	2	117.3	669	1
Dairyland	DSR-2055E ↗	E3	2.0	M	<b>65.7</b>	9.5	1	117.7	664	2
Apex	AE1520 ↗	E3	1.5	M	<b>63.6</b>	9.4	1	118.3	642	3
Golden Harvest	GH2004XF § ↗	RXF	2.0	M	<b>62.7</b>	9.5	1	116.7	633	4
Fortus	2165E ↗	E3	2.1	M	<b>62.5</b>	9.4	1	118.3	631	5
Pioneer	P22A67E § ↗	E3	2.2	M	<b>61.8</b>	9.7	1	117.3	624	6
Dak-Sota	DE5117 ↗	E3	1.7	M	<b>61.6</b>	9.4	1	115.3	622	7
Dairyland	DSR-2236E ↗	E3	2.2	M	60.4	9.5	1	115.7	610	8
Asgrow	AG19XF3 § ↗	RXF	1.9	R	60.4	9.5	1	117.3	610	9
Dairyland	DSR-2111E ↗	E3	2.1	PK	60.1	9.6	1	118.0	607	10
Genesis	G2180E ↗	E3	2.1	M	60.0	9.7	1	116.7	606	11
Xitavo	XO 1632E ↗	E3	1.6	M	59.5	9.5	2	117.7	601	12
Thunder	TE7415N ↗	E3	1.5	PK	59.4	9.3	1	118.7	600	13
Dairyland	DSR-2347E ↗	E3	2.3	M	59.4	9.6	1	117.3	600	14
Golden Harvest	GH1762XF § ↗	RXF	1.7	M	59.0	9.5	1	119.3	596	15
Pioneer	P16T05E GC ↗	E3	1.6	NA	58.7	9.5	1	117.0	593	16
Pioneer	P19A37E § ↗	E3	1.9	NA	58.6	9.5	1	117.7	592	17
Genesis	G1760E ↗	E3	1.7	R	58.2	9.6	1	117.3	588	18
Thunder	TE7513N GC ↗	E3	1.3	PK	58.0	9.5	1	116.7	586	19
Stine	22EG02 § ↗	E3	2.2	M	57.6	9.4	1	118.0	582	20
Dak-Sota	DE5215 GC ↗	E3	1.5	M	57.6	9.4	1	117.7	582	21
Asgrow	AG20XF4 § ↗	RXF	2.0	R	57.0	9.6	1	116.0	576	22
Stine	20EG02 § ↗	E3	2.0	M	55.9	9.7	1	117.0	565	23
Pioneer	P21A53E GC ↗	E3	2.1	M	55.8	9.5	1	118.3	564	24
Jacobsen	J1873E3 ↗	E3	1.8	PK	55.7	9.5	1	118.3	563	25
Thunder	TX8417N ↗	RXF	1.7	M	55.1	9.4	1	118.0	557	26
Apex	AE2351 ↗	E3	2.3	M	55.0	9.5	1	116.7	556	27
Xitavo	XO 2323E GC ↗	E3	2.3	R	54.8	9.5	1	117.3	553	28
Pioneer	P20A48E § ↗	E3	2.0	M	54.7	9.4	2	116.3	552	29
Asgrow	AG18XF1 § ↗	RXF	1.8	R	54.7	9.6	1	117.3	552	30

*Payden Peterson*

Payden Peterson

payden.peterson@firstseedtests.com, (507) 461-2492

Averages = **56.5** **9.5** **1** **117.2** **571**

LSD (0.10) = 4.6 0.1 ns

LSD (0.25) = 2.4 0.1 ns

C.V. = 7.7

Historic yield: 52.95 bu/a, 3 yr(s)

### Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$10.10

Report Date: 10/04/2024

† 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](http://www.firstseedtests.com)

©2024, All rights reserved to Farmers' Independent Research of Seed Technologies, LLC.

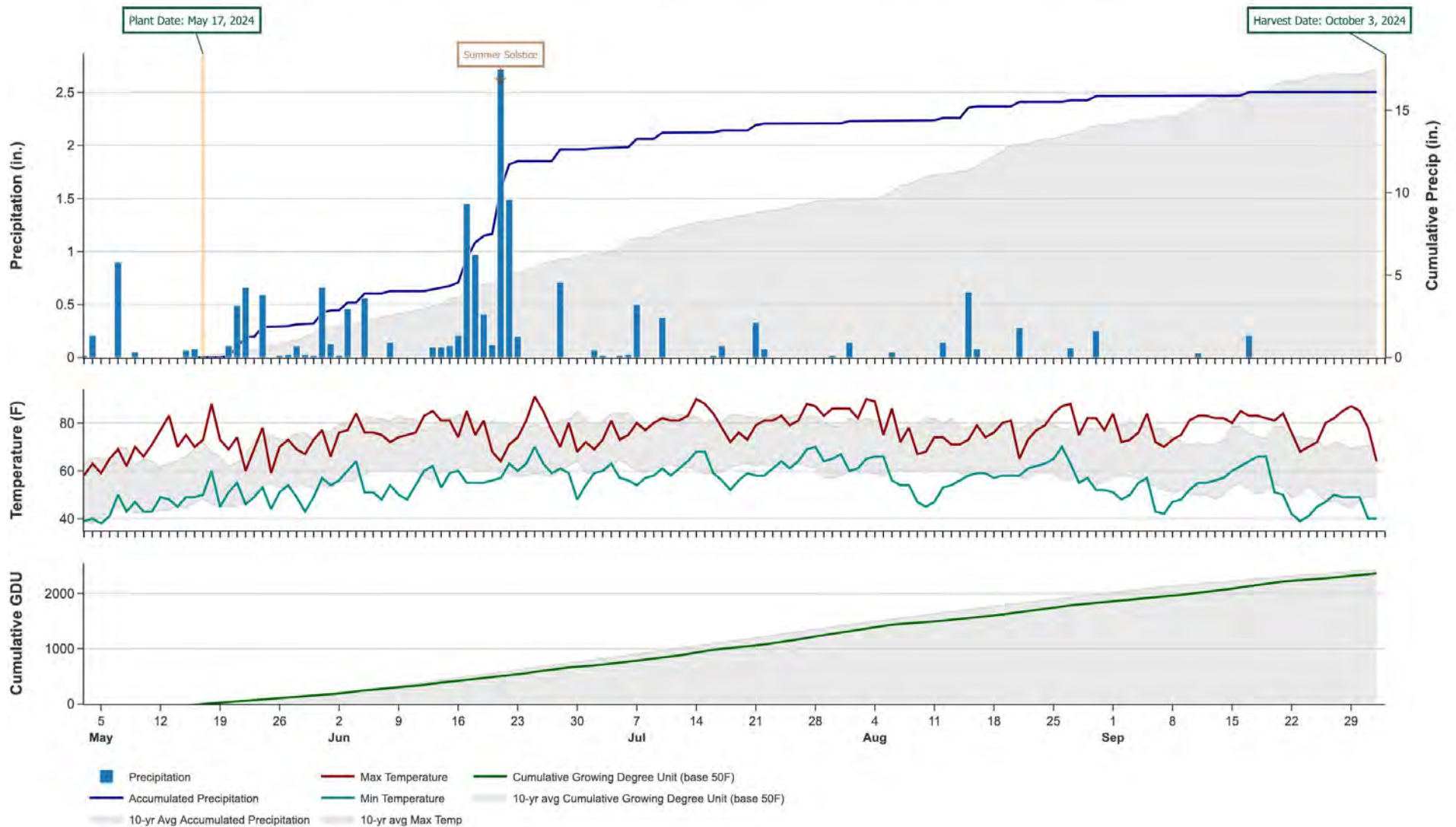
Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

# 2024 Soybeans - South Dakota East Central [ SDEC ]

## Weather Conditions Summary at TRENT, SD

Weather Data Retrieved: 10/04/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in)   (Diff)	4.0   3.6 (+0.4)	9.9   4.4 (+5.5)	1.6   3.5 (-1.9)	1.6   4.5 (-2.9)	0.2   3.1 (-2.9)	0.0   0.3 (-0.3)	17.4   19.5 (-2.0)
GDU   Avg (Diff)	296   278 (+17)	505   591 (-86)	627   661 (-34)	554   587 (-33)	490   403 (+86)	21   18 (+2)	2493   2540 (-47)



\* 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 - South Dakota East Central [ SDEC ]

### All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1520	E3	M	1.5	F,I
Apex	AE2350	E3	PK	2.3	CMBV
Apex	AE2351	E3	M	2.3	CMBV
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Asgrow	AG20XF4 §	RXF	R	2.0	ACi,IL
Connect	CT1523E GC	E3	M	1.5	Untreated
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
Dairyland	DSR-2347E	E3	M	2.3	Lum,Lu,IL
Dak-Sota	DE5117	E3	M	1.7	F
Dak-Sota	DE5215 GC	E3	M	1.5	F
Dak-Sota	DE5519	E3	PK	1.9	F
Fortus	1895E	E3	PK	1.8	AC, SU
Fortus	2165E	E3	M	2.1	AC, SU
Genesis	G1760E	E3	R	1.7	EcTC
Genesis	G1980E	E3	PK	1.9	EcTC
Genesis	G2180E	E3	M	2.1	EcTC,SA
Genesis	G2390E	E3	PK	2.3	EcTC,SA
Genesis	G2391E	E3	M	2.3	CMBV,SA
Golden Harvest	GH1762XF §	RXF	M	1.7	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
Pioneer	P16T05E GC	E3	NA	1.6	Untreated
Pioneer	P18A73E GC	E3	PK	1.8	Untreated
Pioneer	P19A37E §	E3	NA	1.9	Untreated
Pioneer	P20A48E §	E3	M	2.0	Untreated
Pioneer	P21A53E GC	E3	M	2.1	Untreated
Pioneer	P22A67E §	E3	M	2.2	Untreated
Stine	17EE32 §	E3	M	1.7	TFX1,SA
Stine	20EG02 §	E3	M	2.0	TFX1,SA
Stine	22EG02 §	E3	M	2.2	TFX1,SA
Thunder	TE7415N	E3	PK	1.5	F
Thunder	TE7513N GC	E3	PK	1.3	F
Thunder	TX8417N	RXF	M	1.7	F
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

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2282E	E3	M	2.2	PV,IL,OB,Rey
Xitavo	XO 2305E	E3	M	2.3	PV,IL,OB,Rey
Xitavo	XO 2323E GC	E3	R	2.3	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 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	CruiserMaxx® Beans, Vibrance®
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	Fungicide
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
Untreated	No seed treatment

---

\* Seed treatments may include unspecified plant health promoting components.