

Test by: Peterson Seed Testing LLC ,

2024 Soybeans Top 30 Harvest Report

South Dakota East Central [SDEC] JEFFERSON, SD
Austin Chicoino, Union County, SD

All-Season Test	Maturity Group 1.6 - 2.3 S2024SDEC07
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron
SOIL DESCRIPTION:	Salix silty clay loam, mod. well drained, irrigated
SOIL CONDITION:	very high P, very high K, 6.5 pH, 4.3% OM, 22.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Sonic, Roundup, Liberty, Volunteer
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 29 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 4 112.8 /A

TEST COMMENTS:

We were fortunate to get this site planted on the 27th of May as it would have been well into June before we would have had another chance. Planting conditions were less than ideal. Emergence was somewhat uneven due to saturated soils, but we ended up with an adequate stand. Many fields were unable to be planted in this area, or drown out in the flooding. Weed control was excellent and the plot was spotless at harvest. A drier end to the growing season really sped this crop to finish despite the later planting date.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DSR-2055E ↗	E3	2.0	M	70.6	9.1	1	113.3	713	1
Dairyland	DSR-2236E ↗	E3	2.2	M	68.7	9.1	1	113.0	694	2
Fortus	2165E ↗	E3	2.1	M	67.3	9.2	1	112.7	680	3
Asgrow	AG20XF4 § ↗	RXF	2.0	R	67.0	9.3	1	112.7	677	4
Dairyland	DSR-2347E ↗	E3	2.3	M	66.1	9.3	1	113.0	668	5
Apex	AE1520 ↗	E3	1.5	M	65.1	9.1	1	112.7	658	6
Asgrow	AG19XF3 § ↗	RXF	1.9	R	64.8	9.2	1	113.3	654	7
Stine	17EE32 § ↗	E3	1.7	M	64.4	9.1	1	112.7	650	8
Golden Harvest	GH2292E3 § ↗	E3	2.2	M	63.6	9.2	1	113.0	642	9
Genesis	G1760E ↗	E3	1.7	R	63.6	9.0	1	112.3	642	10
Pioneer	P22A67E § ↗	E3	2.2	M	63.3	9.2	1	112.3	639	11
Xitavo	XO 1822E ↗	E3	1.8	M	63.3	9.2	1	112.7	639	12
Apex	AE2351 ↗	E3	2.3	M	62.4	9.2	1	112.7	630	13
Asgrow	AG18XF1 § ↗	RXF	1.8	R	62.1	9.2	1	112.0	627	14
Golden Harvest	GH2004XF § ↗	RXF	2.0	M	62.0	9.2	1	113.0	626	15
Dak-Sota	DE5215 GC ↗	E3	1.5	M	61.9	9.1	1	113.7	625	16
Dairyland	DSR-2111E ↗	E3	2.1	PK	61.8	9.2	1	112.3	624	17
Genesis	G2180E ↗	E3	2.1	M	61.3	9.2	1	112.7	619	18
Connect	CT1523E GC ↗	E3	1.5	M	60.2	9.0	1	112.7	608	19
Stine	20EG02 § ↗	E3	2.0	M	60.2	9.2	1	112.3	608	20
Genesis	G2391E ↗	E3	2.3	M	60.1	9.2	1	113.3	607	21
Pioneer	P19A37E § ↗	E3	1.9	NA	59.1	9.1	1	112.7	597	22
Thunder	TE7415N ↗	E3	1.5	PK	58.6	8.9	1	112.7	592	23
Golden Harvest	GH1762XF § ↗	RXF	1.7	M	58.4	9.1	1	112.3	590	24
Jacobsen	J1942E3 ↗	E3	1.9	PK	58.2	9.1	1	113.3	588	25
Golden Harvest	GH1875E3 ↗	E3	1.8	M	57.3	9.1	1	112.3	579	26
Xitavo	XO 2075E ↗	E3	2.0	PK	56.0	9.1	1	112.7	566	27
Xitavo	XO 1632E ↗	E3	1.6	M	55.5	9.1	1	113.7	561	28
Apex	AE2350 ↗	E3	2.3	PK	55.4	9.2	1	113.7	560	29
Genesis	G1980E ↗	E3	1.9	PK	54.5	9.1	1	112.7	550	30

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Averages = **58.5** **9.1** **1** **112.8** **591**

LSD (0.10) = 4.6 0.1 ns

LSD (0.25) = 2.4 0.1 ns

C.V. = 7.5

Historic yield: 52.77 bu/a, 2 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.0

Drying = \$0.04

Prices: GMO = \$10.10

Report Date: 10/05/2024

† 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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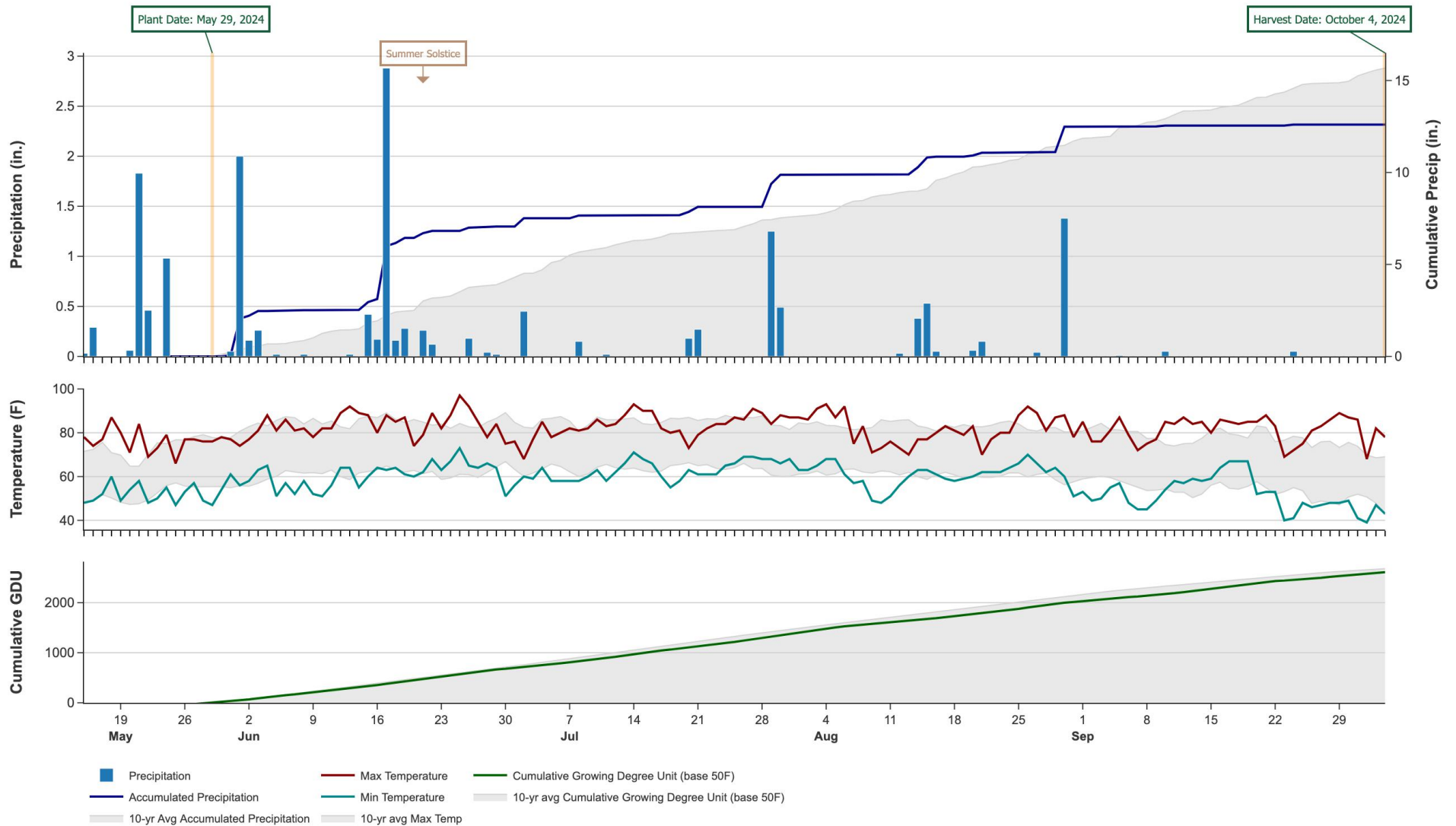
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2024 Soybeans - South Dakota East Central [SDEC]

Weather Conditions Summary at JEFFERSON, SD

Weather Data Retrieved: 10/05/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	3.7 2.0 (+1.7)	7.0 3.9 (+3.1)	2.8 3.5 (-0.7)	2.6 4.1 (-1.5)	0.1 3.2 (-3.1)	0.0 0.7 (-0.7)	16.2 17.4 (-1.2)
GDU Avg (Diff)	251 226 (+24)	644 684 (-40)	697 748 (-51)	638 680 (-42)	538 491 (+46)	57 41 (+15)	2825 2872 (-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.

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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.