

Test by: Centrol Crop Consulting Volga, SD

2024 Soybeans Top 30 Harvest Report

South Dakota Northeast [SDNE] WATERTOWN, SD
Myron Keltgen, Codington County, SD 57201

All-Season Test	Maturity Group 1.0 - 1.7 S2024SDNE03
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Ravine, Glypex, 5 Xtra, Stinger
SOIL DESCRIPTION:	Poinsett-Buse-Waubay silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.6 pH, 4.0% OM, 25.4 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Authority First, Metribuzin, Glyphosate, Liberty, Warrant
FERTILITY - Applied N:	AMS-11
Applied N-P-K (units):	0-42-66
SEEDED - RATE - ROW:	Jun 7 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 127.2 /A

TEST COMMENTS:

This plot was very clean with good weed control. Due to excessive wet conditions, the trial was planted later than desired, dropping yield 5-10 bu from the average. A major combine breakdown delayed harvest operations a couple of days between start and finish. Due to high yield variability, there was no significant difference among varieties and the test results were rejected.

Company/Brand	Product/Brand	Seeds / bu	PL	HC Rows	Yield Bu/A	Moisture %	lodging %	Stand in 2024	Gross Income \$/bu	Rank
Thomson	121406L	83	1.5	PK	48.4	8.8	0	121.0	472	1
Genesee	01088L	83	1.5	PK	48.3	8.7	0	128.3	461	2
Dalhousie	121207	80P	1.3	W	45.1	9.4	0	121.0	440	3
Foris	1000	83	1.5	W	43.8	9.4	0	121.2	427	4
Proseed	F17407L g	83	1.7	NA	43.4	9.2	0	121.1	423	5
Golden Harvest	0017207	80P	1.1	W	44	9.4	0	121.0	423	6
Dalhousie	0081408L	83	1.4	W	43	9.8	0	121.0	400	7
Golden Harvest	0018807 g	80P	1.2	W	41.7	9.7	0	128.0	418	8
Dalhousie	0081408L	83	1.5	W	41.3	9.7	0	128.0	412	9
Genesee	01088L	83	1.5	PK	41.3	9.7	0	128.3	412	10
Thomson	121417L	77	1.7	W	41.7	9.9	0	121.0	412	11
Dalhousie	008141L	83	1.4	W	40.0	9.4	0	121.0	410	12
Thomson	121216L	87	1.5	PK	39.4	9.4	0	121.0	408	13
Alfa	801000L	83	1.5	PK	41.8	9.8	0	121.0	408	14
Alfa	801000L	83	1.5	PK	41.1	9.2	0	121.0	407	15
Foris	1170L	83	1.5	PK	41.0	9.3	0	118.7	400	16
Alfa	11832 g	83	1.5	PK	40.8	9.9	0	121.0	398	17
Agrium	AC14074 g	83	1.4	W	40.4	9.2	0	123.5	394	18
Dalhousie	0081417	83	1.2	PK	39.8	9.2	0	121.0	388	19
Alfa	801000L	83	1.2	W	39.8	9.8	0	121.0	388	20
Golden Harvest	0017407 g	83	1.1	W	39.5	9.8	0	128.0	388	21
Proseed	F17407L g	83,87	1.4	W	39.5	9.5	0	128.0	388	22
Foris	1000L	83	1.3	W	39.4	9.3	0	121.0	384	23
Dalhousie	0081417	83	1.7	W	39.2	9.9	0	128.0	382	24
Dalhousie	0081408L	83	1.3	W	39.4	9.4	0	123.7	374	25
Thomson	121216L	80P	1.3	W	39.2	9.1	0	128.0	372	26
Thomson	121216L	83	1.3	PK	39.1	9.8	0	121.0	371	27
Agrium	AC14074 g	80P	1.2	W	38.1	9.4	0	121.0	370	28
Alfa	10032 g	83	1.2	W	37.8	9.2	0	118.3	370	29
Genesee	01088L	83	1.5	W	37.8	9.2	0	121.0	368	30

REJECTED

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Averages =	38.6	9.1	127.2	376
LSD (0.10) =	ns	ns	ns	
LSD (0.25) =	ns	ns	ns	
C.V. =	19.6		Historic yield: 51.47 bu/a, 11 yr(s)	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$9.75

Report Date: Oct. 12, 2024

Additional reports available at www.firstseedtests.com

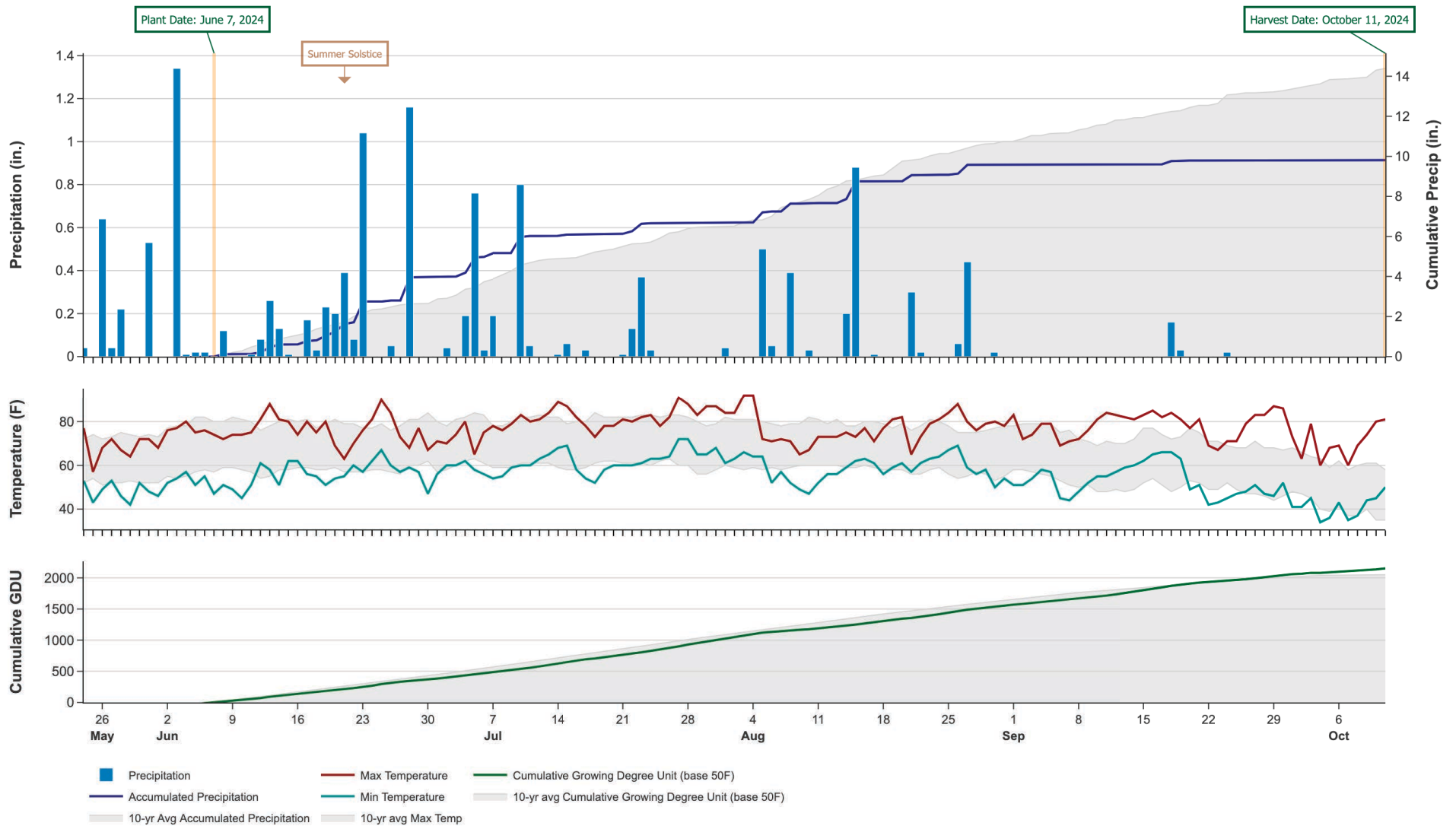
† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to full product yield results at www.firstseedtests.com

2024 Soybeans - South Dakota Northeast [SDNE]

Weather Conditions Summary at WATERTOWN, SD

Weather Data Retrieved: 11/04/2024

Monthly Total	May*	Jun	Jul	Aug	Sep	Oct*	Total
Precip (in) (Diff)	1.5 0.9 (+0.5)	5.3 3.1 (+2.2)	2.7 3.9 (-1.2)	2.9 4.2 (-1.3)	0.2 2.5 (-2.3)	0.0 1.1 (-1.1)	12.7 15.8 (-3.2)
GDU Avg (Diff)	78 102 (-24)	468 549 (-81)	635 639 (-4)	548 569 (-21)	494 369 (+124)	103 42 (+61)	2326 2271 (+54)



* 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 Northeast [SDNE]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1250	E3	M	1.2	F,I
Apex	AE1350	E3	M	1.3	F,I
Asgrow	AG10XF4 §	RXF	R	1.0	ACi,IL
Asgrow	AG12XF4 §	RXF	S	1.2	ACi,IL
Asgrow	AG14XF4 §	RXF	R	1.4	ACi,IL
Dahlman	7213XF	RXF	M	1.3	Treated
Dahlman	7512XF	RXF	M	1.2	Treated
Dahlman	7515XF	RXF	M	1.5	Treated
Dahlman	7520XF	RXF	M	2.0	Treated
Dairyland	DSR-1345E	E3	M	1.3	Lum,Lu,IL
Dairyland	DSR-1476E	E3	M	1.4	Lum,Lu,IL
Dairyland	DSR-1654E	E3	M	1.6	Lum,Lu,IL
Dak-Sota	DE5117	E3	M	1.7	F
Dak-Sota	DE5215	E3	M	1.5	F
Dak-Sota	DE5412	E3	PK	1.2	F
Dak-Sota	DE5514	E3	PK	1.4	F
Fortus	1175E	E3	PK	1.1	AC, SU
Fortus	1385E	E3	M	1.3	AC, SU
Fortus	1502E	E3	M	1.5	AC, SU
Genesis	G1260E	E3	M	1.2	EcTC
Genesis	G1290E	E3	M	1.2	EcTC
Genesis	G1560E	E3	R	1.5	EcTC
Genesis	G1590E	E3	PK	1.5	EcTC
Golden Harvest	GH1124XF	RXF	M	1.1	CMB-APX,SA
Golden Harvest	GH1194E3 §	E3	M	1.1	CMB-APX,SA
Golden Harvest	GH1534E3S §	E3,ST	PK	1.5	CMB-APX,SA
Golden Harvest	GH1555XF §	RXF	M	1.5	CMB-APX,SA
Jacobsen	J1464E3	E3	PK	1.4	F,I
Pioneer	P14Z16E §	E3,ST	M	1.4	Lum
Pioneer	P17A87E §	E3	NA	1.7	Lum
Renk	RS155NXF	RXF	M	1.5	EcTC
Stine	10EG20 §	E3	M	1.0	TFX1,SA
Stine	13EG23 §	E3	M	1.3	TFX1,SA
Stine	17EE32 §	E3	M	1.7	TFX1,SA
Thunder	TE7415N	E3	PK	1.5	F
Thunder	TE7510N	E3	M	1.0	F
Thunder	TE7513N	E3	PK	1.3	F
Thunder	TX8215N	RXF	M	1.5	F
Thunder	TX8313N	RXF	M	1.3	F
Thunder	TX8412N	RXF	M	1.2	F
Thunder	TX8417N	RXF	M	1.7	F
Xitavo	XO 0993E	E3	PK	0.9	PV,IL,OB,Rey

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 1095E	E3	M	1.0	PV,IL,OB,Rey
Xitavo	XO 1225E	E3	M	1.2	PV,IL,OB,Rey
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
Xitavo	XO 1632E	E3	M	1.6	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
AC, SU	Acceleron standard+ StepUp
CMB-APX,SA	CruiserMaxx® APX with Saltro®
EcTC	Eclipse US Total Coverage Trio IM, N-Force
F	Fungicide
F,I	Fungicide, Insecticide
Lum	LumiGEN™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFX1,SA	Stine MyYield, Saltro
Treated	Treated, unspecified

* Seed treatments may include unspecified plant health promoting components.