

2023 Soybeans Top 30 Region Summary for South Dakota Northeast [SDNE]

All-Season Test
Maturity Group 1.0 - 1.7
 S2023SDNE

Top 30 of 50
 For Gross Income (Sorted by Yield), (8) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Bath * REJECTED	Groton	Watertown *	Webster
XITAVO	XO 1212E ↗	E3	1.2	R	61.8	34.5	18.6	13.7	4	751	1	44.5	64.9	66.9	53.7
DAK-SOTA	DE5215 ↗	E3	1.5	R	61.8	33.0	19.1	13.8	3	751	2	45.9	64.9	63.7	56.8
GOLDEN HARVEST	GH1194E3 § ↗	E3	1.1	MR	61.1	32.8	19.4	13.6	2	742	3	36.8	66.6	64.4	52.4
THUNDER	TX8313N ↗	RXF	1.3	R	60.9	34.3	18.3	14.2	5	741	4	63.9	66.0	59.5	57.3
XITAVO	XO 1632E ↗	E3	1.6	R	60.9	33.5	18.8	13.6	3	740	5	52.2	65.5	60.4	56.6
DAIRYLAND	DSR-1450E ↗	E3,ST	1.4	R	60.4	33.6	19.4	13.4	4	733	6	45.5	69.5	61.5	50.2
DAIRYLAND	DSR-1505E ↗	E3	1.5	R	60.1	34.7	18.1	13.4	3	730	7	44.5	58.3	68.4	53.7
GOLDEN HARVEST	GH1762XF ↗	RXF	1.7	MR	59.9	34.4	18.7	13.5	4	729	8	61.5	63.9	60.8	55.1
CHANNEL	1022RFX § ↗	RXF	1.0	NA	59.4	34.2	18.9	14.1	4	722	9	58.5	66.8	56.6	54.8
THUNDER	TX8417N ↗	RXF	1.7	R	59.1	33.6	18.8	13.6	2	718	10	60.5	67.9	55.0	54.3
ZINESTO	Z1702E ↗	E3	1.7	NA	59.0	33.7	18.8	13.9	5	716	11	57.5	64.0	60.1	52.9
THUNDER	TX8414N ↗	RXF	1.4	R	58.9	34.1	18.6	13.6	5	716	12	56.5	65.6	58.4	52.7
PALOMA	PL2E141 ↗	E3	1.4	R	58.9	34.0	19.3	13.8	4	716	13	38.5	67.2	53.4	56.0
STINE	17EE32 § ↗	E3	1.7	R	58.6	33.2	18.8	13.9	3	712	14	43.5	62.0	63.0	50.8
DAIRYLAND	DSR-1290E ↗	E3,ST	1.2	R	58.6	33.7	19.8	13.9	3	711	15	48.5	64.2	62.4	49.2
HEFTY	H16E4 ↗	E3	1.6	R	58.3	33.3	19.0	13.9	3	709	16	45.5	59.0	59.1	56.8
ASGROW	AG15XF2 § ↗	RXF	1.5	R	58.0	33.3	19.0	13.7	4	706	17	61.5	63.3	55.4	55.4
ZINESTO	Z1304E ↗	E3	1.3	R	57.9	33.7	19.0	13.7	4	703	20	38.8	59.0	64.2	50.6
THUNDER	TX8215N ↗	RXF	1.5	R	57.9	34.1	18.3	14.0	3	705	18	59.5	65.3	52.9	55.6
HEFTY	H16XF4 ↗	RXF	1.6	R	57.9	34.3	18.6	13.9	4	704	19	55.5	67.8	50.2	55.6
ASGROW	AG12XF3 § ↗	RXF	1.2	R	57.9	34.4	19.2	13.8	6	703	21	55.5	63.6	57.7	52.3
HEFTY	H12XF4 ↗	RXF	1.2	R	57.8	34.1	19.1	13.6	5	703	22	61.5	60.6	57.5	55.4
DAK-SOTA	DE5414 ↗	E3	1.4	R	57.8	34.0	18.8	13.7	4	700	23	38.5	68.5	59.3	45.5
XITAVO	XO 1404E ↗	E3	1.4	R	57.6	34.1	18.7	13.6	3	700	24	48.5	61.5	56.5	54.8
HEFTY	H15XF2 ↗	RXF	1.5	NA	57.5	33.9	18.5	13.8	7	699	25	48.5	63.1	53.5	55.9
GENESIS	G1560E ↗	E3	1.5	R	57.3	33.6	18.7	13.9	3	696	27	43.1	60.9	58.0	53.0
ASGROW	AG12XF4 § ↗	RXF	1.2	S	57.3	34.2	18.6	13.7	5	698	26	66.9	60.3	55.0	56.7
ZINESTO	Z1101E ↗	E3	1.1	R	57.3	33.6	19.4	13.8	3	696	28	40.6	62.4	57.4	52.0
PALOMA	PL2E153 ↗	E3	1.5	R	57.1	34.0	18.8	13.8	4	693	29	41.6	60.9	63.2	47.3
XITAVO	XO 1761E ↗	E3	1.7	R	57.1	33.7	18.8	13.3	5	692	30	48.9	63.7	58.2	49.2

Dicamba drift damaged E3 varieties



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Averages =	57.0	33.9	18.8	13.7	4	693	49.1	62.5	57.1	51.4
LSD (0.10) =	4.6	0.5	0.4	0.3	1		5.9	4.5	7.7	4.5
LSD (0.25) =	2.4	0.3	0.2	0.1	1		3.1	2.3	4.0	2.3

Prev. years average yield for region: 50.17 bu/a, 16 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.1 Drying = \$0.00 Prices: GMO = \$12.00

† 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 product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location. * 2 reps for the site.

Additional reports available at www.firstseedtests.com

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Report Date: 11/03/2023 Revised: 01/09/2024 Protein and oil content results added.

2023 Soybeans - South Dakota Northeast [SDNE]

All-Season Test Products (50 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG12XF3 §	RXF	R	1.2	ACi,IL
Asgrow	AG12XF4 §	RXF	S	1.2	ACi,IL
Asgrow	AG15XF2 §	RXF	R	1.5	ACi,IL
Channel	1022RXF §	RXF	NA	1.0	Untreated
Dairyland	DSR-1290E	E3,ST	R	1.2	Lum,Lu,IL
Dairyland	DSR-1450E	E3,ST	R	1.4	Lum,Lu,IL
Dairyland	DSR-1505E	E3	R	1.5	Lum,Lu,IL
Dairyland	DSR-1788E	E3	R	1.7	Lum,Lu,IL
Dak-Sota	DE5110	E3	R	1.0	TFI
Dak-Sota	DE5117	E3	R	1.7	TFI
Dak-Sota	DE5215	E3	R	1.5	TFI
Dak-Sota	DE5412	E3	R	1.2	TFI
Dak-Sota	DE5414	E3	R	1.4	TFI
Genesis	G1560E	E3	R	1.5	EcQ,NF,NH,SA
Golden Harvest	GH1124XF §	RXF	MR	1.1	CMB-APX,SA
Golden Harvest	GH1194E3 §	E3	MR	1.1	CMB-APX,SA
Golden Harvest	GH1303XF §	RXF	R	1.3	CMB-APX,SA
Golden Harvest	GH1762XF	RXF	MR	1.7	CMB-APX,SA
Hefty	H12XF4	RXF	R	1.2	DST5
Hefty	H13XF4	RXF	R	1.3	DST5
Hefty	H14XF3	RXF	R	1.4	DST5
Hefty	H15XF2	RXF	NA	1.5	DST5
Hefty	H16E4	E3	R	1.6	DST5
Hefty	H16XF4	RXF	R	1.6	DST5
Hefty	H17XF1	RXF	NA	1.7	DST5
Paloma	PL2E093	E3	R	1.0	EcTCD
Paloma	PL2E141	E3	R	1.4	EcTCD
Paloma	PL2E153	E3	R	1.5	EcTCD
Pioneer	P08A44E §	E3	NA	0.8	Untreated
Pioneer	P11T36E §	E3	NA	1.1	Lum, LumT, IL
Stine	10EF23 §	E3	R	1.0	ACi
Stine	14EG32 §	E3	R	1.4	ACi
Stine	17EE32 §	E3	R	1.7	ACi
Thunder	TE7415N	E3	R	1.5	TFI
Thunder	TX8215N	RXF	R	1.5	TFI
Thunder	TX8313N	RXF	R	1.3	TFI
Thunder	TX8412N	RXF	R	1.2	TFI
Thunder	TX8414N	RXF	R	1.4	TFI
Thunder	TX8417N	RXF	R	1.7	TFI
Xitavo	XO 1133E	E3	R	1.1	PV,IL,OB,Rey
Xitavo	XO 1212E	E3	R	1.2	PV,IL,OB,Rey
Xitavo	XO 1372E	E3,ST	R	1.3	PV,IL,OB,Rey

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 1404E	E3	R	1.4	PV,IL,OB,Rey
Xitavo	XO 1632E	E3	R	1.6	PV,IL,OB,Rey
Xitavo	XO 1761E	E3	R	1.7	PV,IL,OB,Rey
Zinesto	Z1101E	E3	R	1.1	DST5
Zinesto	Z1202E	E3	NA	1.2	DST5
Zinesto	Z1304E	E3	R	1.3	DST5
Zinesto	Z1502E	E3	NA	1.5	DST5
Zinesto	Z1702E	E3	NA	1.7	DST5

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	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMB-APX,SA	CruiserMaxx® APX with Saltro®
DST5	Dominance 5 ST
EcQ,NF,NH,SA	Eclipse US Total Quad-R, N-Force, N-Hibit, Saltro
EcTCD	EclipseUS Duo-R - Rancona®, StartUP®
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
Lum, LumT, IL	LumiGEN™, LumiTreo, ILEVO
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
TFI	ThunderStruck F&I (Thunder Seed Inc.)
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.