

2023 Soybeans Top 30 Region Summary for South Dakota East Central [SDEC]

All-Season Test
Maturity Group 1.6 - 2.3
S2023SDEC

Top 30 of 48

For Gross Income (Sorted by Yield), (6) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Arlington REJECTED	Colton	Elkton REJECTED	Jefferson
GOLDEN HARVEST	GH1973E3S §	E3,ST	1.9	R	59.6			11.5	4	715	1	22.0	67.6	41.0	51.6
DAIRYLAND	DSR-1788E	E3	1.7	R	57.1			11.6	5	685	2	22.5	67.0	42.1	47.2
DAK-SOTA	DE5412 GC	E3	1.2	R	56.4			12.1	7	677	3	28.2	61.2	38.3	51.6
HEFTY	H18XF2	RXF	1.8	NA	55.7			11.4	9	669	4	19.2	65.3	15.0	46.1
STINE	21EG32 §	E3	2.1	R	55.4			12.6	4	665	5	28.7	65.3	36.4	45.4
XITAVO	XO 1822E	E3	1.8	R	55.1			11.7	4	661	6	32.8	62.2	36.4	47.9
DAIRYLAND	DSR-1919E	E3	1.9	R	54.8			11.3	5	657	7	26.6	59.9	36.4	49.6
HEFTY	H22XF4	RXF	2.2	R	54.6			11.1	4	655	8	21.8	60.9	21.8	48.2
GENESIS	G1560E	E3	1.5	R	53.9			12.2	4	647	9	21.8	58.9	36.4	48.8
THUNDER	TE7419N	E3	1.9	R	53.7			11.8	3	645	10	21.8	56.8	36.4	50.6
THUNDER	TX8215N	RXF	1.5	R	53.3			11.9	7	639	11	31.8	64.2	13.8	42.3
GOLDEN HARVEST	GH2004XF §	RXF	2.0	MR	53.3			10.8	4	639	12	28.1	61.0	36.4	45.5
DAK-SOTA	DE5414	E3	1.4	R	52.9			11.5	4	635	13	21.8	53.4	36.4	52.3
STINE	20EG02 §	E3	2.0	R	52.8			12.0	6	633	14	23.4	55.3	36.4	50.2
XITAVO	XO 2323E	E3	2.3	R	52.7			11.1	4	633	15	21.8	57.9	41.4	47.5
PIONEER	P18A73E §	E3	1.8	NA	52.4			11.6	4	630	16	22.8	58.3	41.4	46.6
XITAVO	XO 1372E	E3,ST	1.3	R	52.2			11.8	4	626	17	21.8	57.1	41.4	47.2
ZINESTO	Z2101E	E3	2.1	R	51.9			12.0	4	622	19	19.8	54.6	41.4	49.1
CHANNEL	1822RFX §	RXF	1.8	MR	51.8			11.5	4	622	20	17.8	54.5	11.8	49.2
HEFTY	H18E3	E3	1.8	R	51.8			11.5	4	623	18	21.8	62.3	21.8	41.4
DAIRYLAND	DSR-2310E	E3	2.3	R	51.8			11.4	6	622	21	21.8	54.3	21.8	49.3
ASGROW	AG19XF3 §	RXF	1.9	R	51.8			11.4	8	622	22	21.8	58.0	21.8	45.6
XITAVO	XO 2181E	E3	2.1	R	51.6			11.6	4	620	23	21.8	60.8	41.4	42.4
PIONEER	P19A66E §	E3	1.9	NA	51.5			10.8	6	619	24	21.8	56.6	41.4	46.5
DAK-SOTA	DE5215	E3	1.5	R	51.5			11.8	5	618	25	31.9	52.8	36.4	50.2
XITAVO	XO 1761E	E3	1.7	R	51.3			10.9	4	615	26	18.4	53.3	39.5	49.2
XITAVO	XO 2282E	E3	2.2	R	50.6			11.8	5	607	27	22.3	55.2	30.0	46.0
STINE	19EG92 §	E3	1.9	R	50.6			11.3	5	607	28	26.9	60.5	32.9	40.6
HEFTY	H14XF3	RXF	1.4	R	50.5			11.9	7	606	29	23.9	56.5	16.5	44.5
HEFTY	H15XF2	RXF	1.5	NA	50.3			11.7	12	604	30	21.9	58.8	18.9	41.8

Variability due to hail damage

Herbicide damage to RXF varieties



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Averages =	51.2	na	na	11.5	5	614	24.7	56.8	32.6	45.5
LSD (0.10) =	ns	na	na	ns	ns		5.7	7.7	6.1	5.0
LSD (0.25) =	ns	na	na	ns	ns		3.0	4.0	3.2	2.6

Prev. years average yield for region: 52.92 bu/a, 16 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.06 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: 10/25/2023

2023 Soybeans - South Dakota East Central [SDEC]

All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Asgrow	AG21XF2 §	RXF	R	2.1	ACi,IL
Channel	1822RXF §	RXF	MR	1.8	Untreated
Dairyland	DSR-1788E	E3	R	1.7	Lum,Lu,IL
Dairyland	DSR-1919E	E3	R	1.9	Lum,Lu,IL
Dairyland	DSR-2188E	E3	R	2.1	Lum,Lu,IL
Dairyland	DSR-2310E	E3	R	2.3	Lum,Lu,IL
Dak-Sota	DE5117	E3	R	1.7	TFI
Dak-Sota	DE5215	E3	R	1.5	TFI
Dak-Sota	DE5319	E3	R	1.9	TFI
Dak-Sota	DE5412 GC	E3	R	1.2	TFI
Dak-Sota	DE5414	E3	R	1.4	TFI
Genesis	G1560E	E3	R	1.5	ACi,IL
Genesis	G1980E	E3	R	1.9	EcQ,NF,NH,SA
Genesis	G2180E	E3	R	2.1	EcQ,NF,NH,SA
Golden Harvest	GH1864XF §	RXF	MR	1.8	CMB-APX,SA
Golden Harvest	GH1973E3S §	E3,ST	R	1.9	CMB-APX,SA
Golden Harvest	GH2004XF §	RXF	MR	2.0	CMB-APX,SA
Golden Harvest	GH2292E3	E3	MR	2.2	CMB-APX,SA
Hefty	H14XF3	RXF	R	1.4	DST5
Hefty	H15XF2	RXF	NA	1.5	DST5
Hefty	H16E4	E3	R	1.6	DST5
Hefty	H18E3	E3	R	1.8	DST5
Hefty	H18XF2	RXF	NA	1.8	DST5
Hefty	H20E3	E3	R	2.0	DST5
Hefty	H21XF2	RXF	NA	2.1	DST5
Hefty	H22XF4	RXF	R	2.2	DST5
Mustang	23E824	E3	R	2.3	Treated
Pioneer	P18A73E §	E3	NA	1.8	Lum, LumT, IL
Pioneer	P19A66E §	E3	NA	1.9	Lum, LumT, IL
Stine	19EG92 §	E3	R	1.9	ACi
Stine	20EG02 §	E3	R	2.0	ACi
Stine	21EG32 §	E3	R	2.1	ACi
Thunder	TE7419N	E3	R	1.9	TFI
Thunder	TX8215N	RXF	R	1.5	TFI
Thunder	TX8417N	RXF	R	1.7	TFI
Xitavo	XO 1372E	E3,ST	R	1.3	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
Xitavo	XO 1822E	E3	R	1.8	PV,IL,OB,Rey
Xitavo	XO 2181E	E3	R	2.1	PV,IL,OB,Rey

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Xitavo	XO 2282E	E3	R	2.2	PV,IL,OB,Rey
Xitavo	XO 2323E	E3	R	2.3	PV,IL,OB,Rey
Zinesto	Z1900E	E3	R	1.9	DST5
Zinesto	Z1902E	E3	NA	1.9	DST5
Zinesto	Z2101E	E3	R	2.1	DST5
Zinesto	Z2202E	E3	NA	2.2	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
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.)
Treated	Treated, unspecified
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.