

2022 Soybeans Top 30 Region Summary for South Dakota East Central [SDEC]

All-Season Test
 Maturity Group 1.6 - 2.3
 S2022SDEC

Top 30 of 78

For Gross Income (Sorted by Yield), (5) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Arlington	Colton *	Dell Rapids REJECTED	Volga No Results
ZINESTO	Z2101G ↗	LLGT27	2.1	R	66.2	34.4	18.6	10.4	1	861	1	56.6	75.9	65.6	
PIONEER	P22T86E § ↗	E3	2.2	R	65.4	35.1	18.5	10.8	1	850	2	58.8	72.1	61.8	
GENESIS	G1970E ↗	E3	1.9	R	65.2	33.9	19.4	10.1	2	847	3	56.3	74.0	56.8	
LATHAM	L 2049 E3 ↗	E3	2.0	R	65.0	33.5	19.5	10.5	2	845	4	59.5	70.5	55.5	
LATHAM	L 1648 LLGT27 ↗	LLGT27	1.6	R	64.6	34.4	19.3	10.6	2	840	6	57.8	71.4	55.5	
DAK-SOTA	DE5322 ↗	E3	2.2	R	64.6	35.0	19.1	11.0	1	839	7	56.6	72.5	61.8	
GOLDEN HARVEST	GH2292E3 § ↗	E3	2.2	MR	64.6	34.4	19.0	10.2	2	840	5	60.0	69.2	61.8	
GENESIS	G1950E ↗	E3	1.9	R	64.2	33.7	19.3	10.1	1	834	8	57.1	71.3	55.5	
GENESIS	G1760E ↗	E3	1.7	R	63.7	34.5	19.0	10.4	2	829	9	60.3	67.2	61.8	
LATHAM	L 2283 XF ↗	RXF	2.2	R	63.2	34.2	19.0	12.1	2	823	10	57.3	69.2	55.5	
ASGROW	AG18XF1 § ↗	RXF	1.8	R	63.2	34.0	18.7	10.3	1	822	11	55.1	71.3	55.5	
DAIRYLAND	DSR-2030E ↗	E3	2.0	R	63.1	33.7	19.8	10.3	1	821	12	52.8	73.5	61.8	
DAIRYLAND	DSR-2040E ↗	E3	2.0	R	63.0	33.4	19.5	9.9	1	819	13	52.4	73.6	58.3	
LOYAL	L2350E ↗	E3	2.3	R	62.9	35.0	18.3	10.7	2	818	14	55.8	70.0	61.8	
LOYAL	L1540E ↗	E3	1.5	R	62.8	34.7	18.8	10.6	1	817	15	58.9	66.7	55.5	
DYNA-GRO	S19XF62 ↗	RXF	1.9	R	62.6	33.5	19.3	10.3	1	815	16	52.3	73.0	61.8	
XITAVO	XO 1971E ↗	E3	1.9	R	62.6	33.2	18.7	10.2	1	813	17	52.8	72.4	55.5	
REA	R1532XF GC ↗	RXF	1.5	NA	62.5	34.1	19.3	10.7	1	812	18	53.1	71.8	63.5	
XITAVO	XO 1822E ↗	E3	1.8	R	62.3	34.0	19.3	10.5	1	810	19	56.6	68.1	61.8	
STINE	23EE06 § ↗	E3	2.3	S	62.3	36.0	17.8	10.2	2	810	20	50.9	73.7	55.5	
LOYAL	L1740E ↗	E3	1.7	R	62.3	35.3	18.5	10.8	1	810	21	54.2	70.4	61.8	
LOYAL	L1730E ↗	E3	1.7	NA	62.3	33.8	19.4	9.9	1	810	22	57.0	67.5	55.5	
ASGROW	AG16XF3 § ↗	RXF	1.6	R	62.2	34.4	19.2	10.2	1	809	23	54.9	69.5	55.5	
LATHAM	L 1758 E3 ↗	E3	1.7	R	61.2	34.0	18.6	10.2	1	796	24	56.9	65.5	55.5	
HEFTY	H22XF3 ↗	RXF	2.2	R	61.2	35.0	18.6	12.0	1	795	25	56.1	66.3	61.8	
STINE	17EE32 § ↗	E3	1.7	R	61.2	35.4	18.5	10.4	2	795	26	55.2	67.2	61.8	
LATHAM	L 2193 E3 ↗	E3	2.1	R	61.1	34.7	18.8	10.3	1	794	27	54.5	67.7	61.8	
XITAVO	XO 2181E ↗	E3	2.1	R	60.9	33.2	19.9	10.6	2	792	28	53.6	68.2	54.9	
LATHAM	L 2379 E3 ↗	E3	2.3	R	60.7	33.8	19.2	10.8	1	790	29	51.2	70.3	55.9	
NK BRAND	NK18-J7E3 ↗	E3	1.8	MR	60.7	34.8	19.0	10.2	1	789	30	55.6	65.7	56.2	

Variability due to rain and erosion damage
 Lost to poor stands from wet conditions



Averages =	59.6	34.3	19.0	10.4	1	775	52.5	66.5	60.4
LSD (0.10) =	4.8	0.8	0.5	0.7	ns		4.8	5.8	7.4
LSD (0.25) =	2.5	0.4	0.3	0.4	ns		2.5	3.1	3.9

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Prev. years average yield for region: 51.95 bu/a, 15 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$13.00

† 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 full product yield results at www.firstseedtests.com. Oil and Protein values are average results of 1 sample per location.

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2022 Soybeans - South Dakota East Central [SDEC]

All-Season Test Products (78 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Asgrow	AG16XF3 §	RXF	R	1.6	ACi,IL
Asgrow	AG18XF1 §	RXF	R	1.8	ACi,IL
Asgrow	AG19XF3 §	RXF	R	1.9	ACi,IL
Dairyland	DSR-1673E	E3	R	1.6	Lum,Lu,IL
Dairyland	DSR-1820E	E3	R	1.8	Lum,Lu,IL
Dairyland	DSR-1919E	E3	R	1.9	Lum,Lu,IL
Dairyland	DSR-2030E	E3	R	2.0	Lum,Lu,IL
Dairyland	DSR-2040E	E3	R	2.0	Lum,Lu,IL
Dairyland	DSR-2188E	E3	R	2.1	Lum,Lu,IL
Dak-Sota	DE5319	E3	R	1.9	TFI
Dak-Sota	DE5322	E3	R	2.2	TFI
Dyna-Gro	S19XF62	RXF	R	1.9	EQV,Sa,Va
Dyna-Gro	S23ES32	E3,ST	R	2.3	EQV,Sa,Va
Genesis	G1760E	E3	R	1.7	EcTC,SA
Genesis	G1950E	E3	R	1.9	EcTC,SA
Genesis	G1970E	E3	R	1.9	EcTC,SA
Genesis	G2270E	E3	R	2.2	EcTC,SA
Golden Harvest	GH1802E3	E3	R	1.8	CMBV,SA
Golden Harvest	GH1993XF	RXF	R	1.9	CMBV,SA
Golden Harvest	GH2102XF §	RXF	MR	2.1	CMBV,SA
Golden Harvest	GH2292E3 §	E3	MR	2.2	CMBV,SA
Hefty	H17XF1	RXF	NA	1.7	DST4
Hefty	H18E3	E3	R	1.8	DST4
Hefty	H18XF2	RXF	NA	1.8	DST4
Hefty	H20E3	E3	R	2.0	DST4
Hefty	H21XF2	RXF	NA	2.1	DST4
Hefty	H22XF3	RXF	R	2.2	DST5
Hefty	H23XF1	RXF	NA	2.3	DST4
Latham	L 1648 LLGT27	LLGT27	R	1.6	SS+,SA
Latham	L 1758 E3	E3	R	1.7	SS+,SA
Latham	L 1784 XF	RXF	R	1.7	SS+,SA
Latham	L 1947 E3	E3	R	1.9	SS+,SA
Latham	L 2049 E3	E3	R	2.0	SS+,SA
Latham	L 2193 E3	E3	R	2.1	SS+,SA
Latham	L 2283 XF	RXF	R	2.2	SS+,SA
Latham	L 2379 E3	E3	R	2.3	SS+,SA
Loyal	L1540E	E3	R	1.5	NLSB
Loyal	L1730E	E3	NA	1.7	NLSB
Loyal	L1740E	E3	R	1.7	NLSB
Loyal	L1950E	E3	R	1.9	NLSB
Loyal	L2250E	E3	R	2.2	NLSB
Loyal	L2350E	E3	R	2.3	NLSB

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
NK Brand	NK18-J7E3	E3	MR	1.8	CMBV,SA
NK Brand	NK19-D5XF	RXF	R	1.9	CMBV,SA
NK Brand	NK19-T8E3S §	E3,ST	R	1.9	CMBV,SA
NK Brand	NK20-B6E3S	E3,ST	R	2.0	CMBV,SA
Pioneer	P21A53E §	E3	NA	2.1	Untreated
Pioneer	P22T86E §	E3	R	2.2	Untreated
Pioneer	P23T49E §	E3	NA	2.3	Untreated
REA	R1532XF GC	RXF	NA	1.5	ACi,IL
REA	R1633XF	RXF	R	1.6	ACi,IL
REA	R1733XF	RXF	R	1.7	ACi,IL
REA	R1842XF	RXF	R	1.8	ACi,IL
REA	R1943XF	RXF	R	1.9	ACi,IL
REA	R2251XF	RXF	R	2.2	ACi,IL
REA	R2341XF	RXF	R	2.3	ACi,IL
REA	R2352XF	RXF	R	2.3	ACi,IL
Stine	17EE32 §	E3	R	1.7	SFI
Stine	22EF23 §	E3	R	2.2	SFI
Stine	23EE06 §	E3	S	2.3	SFI
Thunder	TE7322N	E3	R	2.2	TFI
Thunder	TX8220N	RXF	R	2.0	TFI
Thunder	TX8323N	RXF	R	2.3	TFI
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 1971E	E3	R	1.9	PV,IL,OB,Rey
Xitavo	XO 2181E	E3	R	2.1	PV,IL,OB,Rey
Xitavo	XO 2282E	E3	R	2.2	PV,IL,OB,Rey
Xitavo	XO 2323E	E3	R	2.3	PV,IL,OB,Rey
Zinesto	Z1603E	E3	R	1.6	DST4
Zinesto	Z1702E	E3	NA	1.7	DST4
Zinesto	Z1902E	E3	NA	1.9	DST4
Zinesto	Z2002E	E3	NA	2.0	DST4
Zinesto	Z2101E	E3	R	2.1	DST4
Zinesto	Z2101G	LLGT27	R	2.1	DST4
Zinesto	Z2202E	E3	NA	2.2	DST4
Zinesto	Z2303E	E3	R	2.3	DST4

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
LLGT27	LibertyLink® GT27®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
CMBV,SA	Cruisermass® Beans, Vibrance®, Salto®
DST4	Dominance 4 ST
DST5	Dominance 5 ST
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Salto®
EQV,Sa,Va	Equity VIP, Salto®, Vayantis
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
NLSB	NexLevel SB Elite and Marathon Extreme (Agri Partners)
PV,IL,OB,Rey	Poncho®/Votivo®, ILeVO, Obvius Plus, Relenya®
SF1	Stine XP F&I
SS+,SA	SoyShield Plus, Salto®
TFI	ThunderStruck F&I (Thunder Seed Inc.)
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.