

2021 Soybeans Top 30 Performance Summary for South Dakota East Central [SDEC]

All-Season Test
 1.6 - 2.3 Day CRM

Top 30 of 81

S2021SDEC

For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Arlington	Colton REJECTED	Dell Rapids	Salem
GOLDEN HARVEST	GH2102XF ↗	RXF	2.1	MR	64.8			13.2	1	776	3	67.6	59.7	76.2	50.5
HEFTY	H16X1 ↗	RRX	1.6	R	64.8			13.2	2	776	1	76.1	54.5	66.3	52.0
HEFTY	H18XF2 ↗	RXF	1.8	NA	64.8			13.5	1	776	2	71.1	69.0	71.3	52.0
LATHAM	L 1784 XF ↗	RXF	1.7	R	64.6			13.5	2	774	4	69.7	61.2	72.8	51.4
NK BRAND	NK21-H4XF § ↗	RXF	2.1	MR	64.1			13.0	2	769	5	60.9	66.6	79.1	52.4
APEX	AE1720 ↗	E3	1.7	R	63.3			13.1	1	759	6	69.8	68.4	68.4	51.8
THUNDER	TX8220N ↗	RXF	2.0	R	62.2			13.0	1	746	7	63.2	67.6	67.6	55.9
ASGROW	AG18XF1 § ↗	RXF	1.8	R	61.9			12.9	1	741	8	55.1	75.6	75.6	54.9
DAIRYLAND	DSR-2040E ↗	E3	2.0	R	61.8			13.1	1	741	9	65.8	63.7	63.7	56.0
STINE	20EE23 § ↗	E3	2.0	R	61.7			13.5	2	739	11	55.9	71.9	71.9	57.3
LOYAL	L1740E ↗	E3	1.7	R	61.7			13.4	2	739	10	68.3	67.3	67.3	49.5
XITAVO	XO 1632E ↗	E3	1.6	R	61.2			13.4	1	734	12	64.2	62.3	62.3	57.3
CREDENZ	CZ 2360GTLL ↗	LLGT27	2.3	MR	61.1			13.3	1	732	13	59.1	70.6	70.6	53.7
XITAVO	XO 1971E ↗	E3	1.9	R	61.1			13.6	2	731	14	59.6	65.6	65.6	58.0
LATHAM	L 2193 E3 ↗	E3	2.1	R	60.9			13.5	2	729	17	58.2	71.4	71.4	53.2
ZINESTO	Z1702E ↗	E3	1.7	NA	60.9			13.4	1	730	15	71.4	60.4	60.4	50.9
XITAVO	XO 1761E ↗	E3	1.7	R	60.9			12.8	1	730	16	66.4	65.9	65.9	50.3
THUNDER	TE7221N ↗	E3	2.1	R	60.8			12.7	3	729	18	55.9	72.4	72.4	54.1
ASGROW	AG21XF0 § ↗	RXF	2.1	R	60.6			13.3	1	726	19	51.6	68.5	68.5	61.8
DAIRYLAND	DSR-1820E ↗	E3	1.8	R	60.3			12.7	1	723	20	68.4	58.3	58.3	54.3
GENESIS	G2060E ↗	E3	2.0	R	60.0			13.2	4	719	21	57.1	65.1	65.1	57.9
LATHAM	L 2049 E3 ↗	E3	2.0	R	59.8			13.8	2	714	23	61.0	65.2	65.2	53.1
PIONEER	P21A28X § ↗	RRX	2.1	R	59.7			12.9	2	715	22	57.3	70.7	70.7	51.0
APEX	AE2020 ↗	E3	2.0	R	59.6			13.4	1	714	24	66.9	65.7	65.7	46.2
ZINESTO	Z2302SE ↗	E3,ST	2.3	NA	59.6			13.6	3	713	25	57.1	61.7	61.7	60.0
LOYAL	L2040E ↗	E3	2.0	R	59.5			13.5	2	712	26	56.0	64.4	64.4	58.2
XITAVO	XO 2282E ↗	E3	2.2	R	59.3			13.7	2	709	27	57.3	68.6	68.6	51.9
STINE	17EE32 § ↗	E3	1.7	R	58.9			13.2	2	706	28	71.2	63.0	63.0	42.7
CREDENZ	CZ 2121GTLL ↗	LLGT27	2.1	MR	58.8			13.3	1	704	29	51.8	66.8	66.8	57.8
REA	R1532XF ↗	RXF	1.5	NA	58.7			13.0	1	703	30	61.2	66.2	66.2	48.7

Not reported due to dicamba damage



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Averages =	57.4	na	na	13.3	1	688	58.4	58.0	64.8	49.3
LSD (0.10) =	ns	na	na	0.6	ns		8.2	5.1	6.7	9.3
LSD (0.25) =	ns	na	na	0.3	ns		4.3	2.7	3.5	4.9

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

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.04 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. ↗ New! Links to full product yield results at www.firstseedtests.com *There were 2 reps for the site.

Additional reports available at www.firstseedtests.com

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Report Date: 10/09/2021

2021 Soybeans - South Dakota East Central [SDEC]

All-Season Test Products (81 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1720	E3	R	1.7	CMBV,SA
Apex	AE1920	E3	R	1.9	CMBV,SA
Apex	AE1930	E3	R	1.9	CMBV,SA
Apex	AE2020	E3	R	2.0	CMBV,SA
Apex	AE2220	E3	R	2.2	CMBV,SA
Asgrow	AG18XF1 §	RXF	R	1.8	Untreated
Asgrow	AG21XF0 §	RXF	R	2.1	ACi,IL
Asgrow	AG22XF2 §	RXF	R	2.2	ACi,IL
Credenz	CZ 1660GTLL	LLGT27	MR	1.6	PV,IL,OB
Credenz	CZ 1859GTLL	LLGT27	R	1.8	PV,IL,OB
Credenz	CZ 2121GTLL	LLGT27	MR	2.1	PV,IL,OB
Credenz	CZ 2360GTLL	LLGT27	MR	2.3	PV,IL,OB
Dairyland	DSR-1820E	E3	R	1.8	Lum,IL
Dairyland	DSR-2030E	E3	R	1.9	Lum,IL
Dairyland	DSR-2040E	E3	R	2.0	Lum,IL
Dairyland	DSR-2112E	E3	R	2.1	Lum,IL
Dairyland	DSR-2222E	E3	R	2.2	Lum,IL
Dyna-Gro	S18EN52	E3	MR	1.8	EQV,SA
Dyna-Gro	S21XF72	RXF	R	2.1	EQV,SA
Genesis	G1760E	E3	R	1.7	CMBV,SA
Genesis	G1960E	E3	R	1.9	CMBV,SA
Genesis	G1970E	E3	R	1.9	CMBV,SA
Genesis	G2060E	E3	R	2.0	CMBV,SA
Genesis	G2260E	E3	R	2.2	CMBV,SA
Golden Harvest	GH1762XF	RXF	MR	1.7	CMBV,SA
Golden Harvest	GH1802E3 §	E3	R	1.8	CMBV,SA
Golden Harvest	GH2011E3	E3	MR	2.0	CMBV,SA
Golden Harvest	GH2102XF	RXF	MR	2.1	CMBV,SA
Hefty	H16X1	RRX	R	1.6	DST4,SA
Hefty	H16XF2	RXF	NA	1.6	DST5
Hefty	H17XF1	RXF	NA	1.7	DST4,SA
Hefty	H18XF2	RXF	NA	1.8	DST4,SA
Hefty	H20XF1	RXF	NA	2.0	DST4,SA
Hefty	H20XF2	RXF	NA	2.0	DST4,SA
Hefty	H21XF2	RXF	NA	2.1	DST4,SA
Hefty	H23XF1	RXF	NA	2.3	DST4,SA
Innotech	IS1761E3	E3	MR	1.7	Fortify
Innotech	IS1929E3	E3	R	1.9	Fortify
Innotech	IS2089E3	E3	MR	2.0	Fortify
Innotech	IS2342E3	E3	MR	2.3	Fortify
Latham	L 1784 XF	RXF	R	1.7	SS+,SA
Latham	L 1995 E3	E3	R	1.9	SS+,SA

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Latham	L 2049 E3	E3	R	2.0	SS+,SA
Latham	L 2184 R2X	RRX	R	2.1	SS+,SA
Latham	L 2193 E3	E3	R	2.1	SS+,SA
Latham	L 2283 XF	RXF	R	2.2	SS+,SA
Latham	L 2295 R2X	RRX	R	2.2	SS+,SA
Latham	L 2379 E3	E3	R	2.3	SS+,SA
Loyal	L1740E	E3	R	1.7	CMBV,SA
Loyal	L1940E	E3	R	1.9	CMBV,SA
Loyal	L1950E	E3	R	1.9	CMBV,SA
Loyal	L2040E	E3	R	2.0	CMBV,SA
Loyal	L2240E	E3	R	2.2	CMBV,SA
NK Brand	NK18-J7E3	E3	MR	1.8	CMBV,SA
NK Brand	NK19-C8XF	RXF	R	1.9	CMBV,SA
NK Brand	NK19-Y5E3 §	E3	R	1.9	CMBV,SA
NK Brand	NK21-H4XF §	RXF	MR	2.1	CMBV,SA
Pioneer	P21A28X §	RRX	R	2.1	Lum,Lu
REA	R1532XF	RXF	NA	1.5	ACi,IL
REA	R2140XF	RXF	NA	2.1	ACi,IL
Stine	17EE32 §	E3	R	1.7	SFI
Stine	20EE23 §	E3	R	2.0	SFI
Stine	21EE62 §	E3	R	2.1	SFI
Thunder	TE7218N	E3	R	1.8	AM
Thunder	TE7221N	E3	R	2.1	AM
Thunder	TX8117N	RXF	R	1.7	AM
Thunder	TX8220N	RXF	R	2.0	AM
Xitavo	XO 1632E	E3	R	1.6	PV,IL,OB
Xitavo	XO 1761E	E3	R	1.7	PV,IL,OB
Xitavo	XO 1822E	E3	R	1.8	PV,IL,OB
Xitavo	XO 1971E	E3	R	1.9	PV,IL,OB
Xitavo	XO 2181E	E3	R	2.1	PV,IL,OB
Xitavo	XO 2282E	E3	R	2.2	PV,IL,OB
Zinesto	Z1601E	E3	R	1.6	DST4,SA
Zinesto	Z1702E	E3	NA	1.7	DST4,SA
Zinesto	Z1801E	E3	R	1.8	DST4,SA
Zinesto	Z1802E	E3	NA	1.8	DST4,SA
Zinesto	Z1902E	E3	NA	1.9	DST5
Zinesto	Z2002E	E3	NA	2.0	DST4,SA
Zinesto	Z2202E	E3	NA	2.2	DST4,SA
Zinesto	Z2302SE	E3,ST	NA	2.3	DST4,SA

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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®
RRX	Roundup Ready 2 Xtend®
RXF	Roundup Ready 2 XtendFlex®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments*

NA	Not Available
ACi,IL	Acceleron® Standard Insecticide-Fungicide, ILeVO
AM	ApronMaxx
CMBV,SA	Cruisermaxx® Beans, Vibrance®, Saltro®
DST4,SA	Dominance 4 ST,Saltro®
DST5	Dominance 5 ST
EQV,SA	Equity VIP, Saltro®
Fortify	Insecticide-Fungicide (Rob-See-Co)
Lum,IL	LumiGEN™ plus ILeVO
Lum,Lu	LumiGEN™, Lumisena™
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
SS+,SA	SoyShield Plus, Saltro®
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.