

2021 Soybeans Top 30 Performance Summary for South Dakota Northeast [SDNE]

Early-Season Test
Maturity Group 1.0 - 1.3
S2021SDNEa

Top 30 of 40

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	Bath	Mansfield REJECTED	Watertown REJECTED	Webster
THUNDER	TX8211N ↗	RXF	1.1	R	61.0			15.1	2	727	2	73.0	45.4	58.1	48.9
GENESIS	G1340E ↗	E3	1.3	R	60.2			15.1	1	718	3	64.4	39.5	51.2	55.9
XITAVO	XO 1372E ↗	E3	1.3	R	59.5			14.7	1	711	4	69.4	36.8	60.0	49.6
XITAVO	XO 1212E ↗	E3	1.2	R	59.2			15.3	2	706	5	64.6	38.1		53.8
ZINESTO	Z1101E ↗	E3	1.1	R	59.0			15.0	1	705	6	63.3	34.2	50.0	54.8
PROSEED	EL21-23N ↗	E3	1.2	R	58.0			15.0	1	693	7	63.2	33.9	50.0	52.9
PIONEER	P11A44X § ↗	RRX	1.1	R	57.9			15.0	2	691	8	64.9	43.9	59.8	50.8
ASGROW	AG12XF1 § ↗	RXF	1.2	S	57.2			15.2	1	683	9	63.7	41.1	50.0	50.7
HEFTY	H11XF2 ↗	RXF	1.1	NA	57.1			15.4	1	681	10	62.8	41.1	50.0	51.4
ZINESTO	Z1202E ↗	E3	1.2	NA	56.9			15.5	1	679	11	64.8	33.5	50.0	49.0
PROSEED	EL91-33N ↗	E3	1.3	R	56.8			15.3	1	678	12	60.5	33.3	50.0	53.1
DAHLMAN	1111E3N GC ↗	E3,ST	1.1	R	56.3			15.0	1	673	13	57.8	41.1	50.0	54.9
LATHAM	L 1383 XF ↗	RXF	1.3	R	55.8			15.0	2	666	14	62.4	41.1	50.0	49.2
LATHAM	L 1219 E3 ↗	E3	1.2	R	55.6			15.4	2	663	16	60.4	41.1	60.0	50.8
DAIRYLAND	DSR-1290E ↗	E3	1.2	R	55.6			14.9	2	664	15	66.3	37.0	50.0	44.9
APEX	AE1220 ↗	E3	1.2	R	55.3			15.2	1	661	17	63.2	33.5	50.0	47.5
HEFTY	H10XF1 ↗	RXF	1.0	NA	55.3			15.0	3	660	18	63.2	41.1	50.0	47.4
GENESIS	G1260E ↗	E3	1.2	R	55.0			15.5	2	656	20	59.5	33.3	50.0	50.5
ZINESTO	Z1001E ↗	E3	1.0	R	55.0			15.0	1	656	19	58.5	41.1	50.0	51.5
DYNA-GRO	S12XF92 ↗	RXF	1.2	R	54.8			15.2	1	654	21	59.6	41.1	50.0	50.0
REA	R1042XF ↗	RXF	1.0	NA	54.8			15.4	3	653	22	62.9	41.1	50.0	46.6
XITAVO	XO 1041E ↗	E3	1.0	R	54.5			15.1	2	650	23	61.3	33.3	50.0	47.7
LOYAL	L1240E ↗	E3	1.2	R	54.4			15.3	2	648	24	58.7	33.3	60.0	50.0
INNOTECH	IS1283E3 ↗	E3	1.2	R	54.3			15.4	1	647	25	58.4	40.8	50.0	50.1
CREDENZ	CZ 1331GTLL ↗	LLGT27	1.3	R	54.1			15.2	1	646	26	59.6	33.3	50.0	48.7
HEFTY	H12XF2 ↗	RXF	1.2	NA	54.0			15.1	1	645	27	60.3	41.3	50.0	47.8
STINE	12EE63 § ↗	E3	1.2	R	53.5			15.0	2	639	28	61.1	41.5	50.0	45.9
THUNDER	TE7011N ↗	E3	1.1	R	53.0			15.5	1	632	29	55.0	40.1	50.0	51.0
INNOTECH	IS1022E3 ↗	E3	1.0	R	53.0			15.1	1	632	30	60.2	32.1	50.0	45.7
CREDENZ	CZ 1171GTLL ↗	LLGT27	1.1	MR	52.8			15.2	1	630	31	59.4	36.6	54.7	46.1
REA	R1350XF CK	RXF	1.3	NA	62.4			15.3	2	744	1	70.4	50.4	55.1	54.3
					Averages =	55.1	na	na	15.1	1	657	60.9	39.8	55.6	49.4
					LSD (0.10) =	4.5	na	na	ns	ns		6.3	5.6	7.6	4.1
					LSD (0.25) =	2.3	na	na	ns	ns		3.3	2.9	4.0	2.2

Not reported due to dicamba damage
Weed damage with higher variety yield variation

Mark Tollefson
Mark Tollefson

mark.tollefson@firstseedtests.com, (507) 456-2357 Prev. years average yield for region: 49.1 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.

2021 Soybeans Top 30 Performance Summary for South Dakota Northeast [SDNE]

Full-Season Test

Maturity Group 1.4 - 1.7

Top 30 of 54

S2021SDNEB

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	Bath	Mansfield REJECTED	Watertown	Webster
APEX	AE1720 ↗	E3	1.7	R	63.0			13.9	1	753	1	64.3	41.9	69.6	55.0
ZINESTO	Z1702E ↗	E3	1.7	NA	62.8			14.0	3	750	2	69.8	47.8	58.3	60.3
APEX	AE1520 ↗	E3	1.5	R	61.0			13.6	2	730	3	63.4	40.7	65.9	53.8
NK BRAND	NK17-M2XF ↗	RXF	1.7	R	60.6			13.9	3	724	4	64.0	48.9	63.2	54.5
GENESIS	G1760E ↗	E3	1.7	R	60.3			14.0	2	721	5	65.1	41.4	65.2	50.7
XITAVO	XO 1632E ↗	E3	1.6	R	59.4			13.8	3	710	6	62.0	39.1	63.6	52.5
XITAVO	XO 1761E ↗	E3	1.7	R	59.2			13.4	2	708	7	60.3	38.9	67.2	50.1
LOYAL	L1540E ↗	E3	1.5	R	59.2			13.8	1	707	8	69.6	38.9	52.1	55.9
PIONEER	P16T58E GC ↗	E3	1.6	R	59.0			13.8	3	705	9	66.1	38.9	61.4	49.4
STINE	17EE32 § ↗	E3	1.7	R	58.5			13.8	5	699	10	59.4	42.1	60.7	55.3
DYNA-GRO	S16XF51 ↗	RXF	1.6	R	58.2			13.7	2	696	11	57.6	42.1	64.6	52.4
LATHAM	L 1558 E3 ↗	E3	1.5	R	57.9			13.7	1	692	12	62.8	38.9	55.2	55.6
LATHAM	L 1784 XF ↗	RXF	1.7	R	57.6			13.6	3	688	13	60.1	42.1	64.2	48.4
GENESIS	G1560E ↗	E3	1.5	R	57.3			13.9	2	685	14	58.5	42.1	63.5	50.0
GOLDEN HARVEST	GH1762XF ↗	RXF	1.7	MR	57.3			14.0	2	685	15	59.8	53.8	55.9	56.3
ASGROW	AG15XF2 § ↗	RXF	1.5	R	57.0			14.0	3	682	16	66.2	42.1	53.9	51.1
DAHLMAN	6015XN GC ↗	RRX	1.5	R	56.8			13.8	3	680	17	67.4	52.1	54.5	48.6
LOYAL	L1740E ↗	E3	1.7	R	56.5			13.8	3	676	19	64.8	42.1	56.6	48.2
INNOTECH	IS1575E3 ↗	E3	1.5	R	56.5			13.7	3	676	18	52.1	42.1	65.7	51.8
APEX	AE1710 ↗	E3	1.7	R	56.3			13.3	2	674	20	55.6	42.1	61.5	52.0
DYNA-GRO	S15XF82 ↗	RXF	1.5	MR	56.3			14.0	2	673	21	55.3	52.1	60.0	53.7
STINE	14EE01 § ↗	E3	1.4	MR	56.3			13.8	1	673	22	65.8	38.9	52.0	51.1
THUNDER	SB8015N ↗	RRX	1.5	R	56.0			13.9	2	669	23	58.1	42.1	58.5	51.4
CREDENZ	CZ 1660GTLL ↗	LLGT27	1.6	MR	55.9			13.9	1	668	24	61.5	36.9	54.1	52.1
THUNDER	TX8117N ↗	RXF	1.7	R	55.6			13.7	3	664	26	61.9	52.1	58.0	46.8
HEFTY	H14XF1 ↗	RXF	1.4	NA	55.5			13.8	2	664	27	62.1	42.1	57.8	46.6
ZINESTO	Z1601E ↗	E3	1.6	R	55.5			13.4	3	664	28	57.0	41.2	62.6	46.8
XITAVO	XO 1451E ↗	E3	1.4	R	55.5			13.9	3	664	29	54.8	40.7	62.0	49.7
GOLDEN HARVEST	GH1442XF § ↗	RXF	1.4	MR	55.4			13.8	2	662	30	52.6	47.9	60.3	53.3
DAHLMAN	1117E3N GC ↗	E3	1.7	R	55.1			13.5	2	660	31	58.9	43.0	55.9	50.6
REA	R1350XF CK	RXF	1.3	NA	55.8			13.9	2	667	25	61.1	46.0	51.3	55.2
					Averages =	55.1	na	na	13.8	2	659	57.4	43.3	57.6	50.4
					LSD (0.10) =	5.0	na	na	ns	ns		8.1	4.7	8.1	4.5
					LSD (0.25) =	2.6	na	na	ns	ns		4.3	2.5	4.3	2.3

No reported due to dicamba damage



Mark Tollefson

mark.tollefson@firstseedtests.com, (507) 456-2357

Prev. years average yield for region: 49.1 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

©2021, All rights reserved by Elite Field Genetics, LLC

Report Date: 11/01/2021

2021 Soybeans - South Dakota Northeast [SDNE]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1220	E3	R	1.2	CMBV,SA
Asgrow	AG10XF1 §	RXF	R	1.0	ACi,IL
Asgrow	AG12XF1 §	RXF	S	1.2	ACi,IL
Credenz	CZ 1171GTLL	LLGT27	MR	1.1	PV,IL,OB
Credenz	CZ 1331GTLL	LLGT27	R	1.3	PV,IL,OB
Dahlman	1111E3N GC	E3,ST	R	1.1	IS
Dahlman	6010XN GC	RRX	R	1.0	IS
Dairyland	DSR-1290E	E3	R	1.2	Lum,IL
Dairyland	DSR-1318E	E3	R	1.3	Lum,IL
Dyna-Gro	S12XF92	RXF	R	1.2	EQV,SA
Genesis	G1260E	E3	R	1.2	CMBV,SA
Genesis	G1340E	E3	R	1.3	CMBV,SA
Golden Harvest	GH1032XF §	RXF	R	1.0	CMBV,SA
Hefty	H10XF1	RXF	NA	1.0	DST4,SA
Hefty	H11XF2	RXF	NA	1.1	DST4,SA
Hefty	H12XF2	RXF	NA	1.2	DST4,SA
Hefty	H13XF1	RXF	NA	1.3	DST4,SA
Innotech	IS1022E3	E3	R	1.0	Fortify
Innotech	IS1283E3	E3	R	1.2	Fortify
Latham	L 1219 E3	E3	R	1.2	SS+,SA
Latham	L 1383 XF	RXF	R	1.3	SS+,SA
Loyal	L1240E	E3	R	1.2	CMBV,SA
NK Brand	S10-E3	E3	R	1.0	CMBV,SA
Pioneer	P09A53X §	RRX	NA	0.9	Lum,Lu
Pioneer	P11A44X §	RRX	R	1.1	Lum,Lu,IL
Proseed	EL21-23N	E3	R	1.2	CMBV
Proseed	EL91-33N	E3	R	1.3	CMBV
REA	R1042XF	RXF	NA	1.0	ACi,IL
REA	R1350XF CK	RXF	NA	1.3	ACi,IL
Stine	12EE63 §	E3	R	1.2	SFI
Thunder	SB8010N	RRX	R	1.0	AM
Thunder	TE7011N	E3	R	1.1	AM
Thunder	TX8211N	RXF	R	1.1	AM
Xitavo	XO 1041E	E3	R	1.0	PV,IL,OB
Xitavo	XO 1212E	E3	R	1.2	PV,IL,OB
Xitavo	XO 1372E	E3	R	1.3	PV,IL,OB
Zinesto	Z1001E	E3	R	1.0	DST4,SA
Zinesto	Z1101E	E3	R	1.1	DST4,SA
Zinesto	Z1202E	E3	NA	1.2	DST4,SA
Zinesto	Z1302E	E3	NA	1.3	DST4,SA

2021 Soybeans - South Dakota Northeast [SDNE]

Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
Apex	AE1420	E3	R	1.4	CMBV,SA
Apex	AE1520	E3	R	1.5	CMBV,SA
Apex	AE1710	E3	R	1.7	CMBV,SA
Apex	AE1720	E3	R	1.7	CMBV,SA
Asgrow	AG15XF2 §	RXF	R	1.5	ACi,IL
Credenz	CZ 1660GTLL	LLGT27	MR	1.6	PV,IL,OB
Dahlman	1117E3N GC	E3	R	1.7	IS
Dahlman	6015XN GC	RRX	R	1.5	IS
Dairyland	DSR-1450E	E3	R	1.4	Lum,IL
Dairyland	DSR-1673E	E3	R	1.6	Lum,IL
Dairyland	DSR-1707E	E3	R	1.7	Lum,IL
Dyna-Gro	S15XF82	RXF	MR	1.5	EQV,SA
Dyna-Gro	S16XF51	RXF	R	1.6	EQV,SA
Genesis	G1460E	E3	R	1.4	CMBV,SA
Genesis	G1560E	E3	R	1.5	CMBV,SA
Genesis	G1760E	E3	R	1.7	CMBV,SA
Golden Harvest	GH1442XF §	RXF	MR	1.4	CMBV,SA
Golden Harvest	GH1472E3	E3	R	1.4	CMBV,SA
Golden Harvest	GH1762XF	RXF	MR	1.7	CMBV,SA
Hefty	H14XF1	RXF	NA	1.4	DST4,SA
Hefty	H15XF2	RXF	NA	1.5	DST5
Hefty	H16XF2	RXF	NA	1.6	DST5
Hefty	H17XF1	RXF	NA	1.7	DST4,SA
Innotech	IS1575E3	E3	R	1.5	Fortify
Innotech	IS1761E3	E3	MR	1.7	Fortify
Latham	L 1482 R2X	RRX	R	1.4	SS+,SA
Latham	L 1558 E3	E3	R	1.5	SS+,SA
Latham	L 1648 LLGT27	LLGT27	R	1.6	SS+
Latham	L 1758 E3	E3	R	1.7	SS+,SA
Latham	L 1769 R2X	RRX	R	1.7	SS+,SA
Latham	L 1784 XF	RXF	R	1.7	SS+,SA
Loyal	L1440E	E3	R	1.4	CMBV,SA
Loyal	L1540E	E3	R	1.5	CMBV,SA
Loyal	L1740E	E3	R	1.7	CMBV,SA
NK Brand	NK14-C7XF	RXF	R	1.4	CMBV,SA
NK Brand	NK14-W6E3 §	E3	MR	1.4	CMBV,SA
NK Brand	NK17-M2XF	RXF	R	1.7	CMBV,SA
Pioneer	P15A63X §	RRX	NA	1.5	Untreated
Pioneer	P16T58E GC	E3	R	1.6	Lum,Lu
Proseed	EL11-53N	E3	R	1.5	CMBV
REA	R1350XF CK	RXF	NA	1.3	ACi,IL
REA	R1532XF	RXF	NA	1.5	ACi,IL

Company/Brand	Brand/Product	Technology	SCN	RM	Seed Treat.
Stine	14EE01 §	E3	MR	1.4	SFI
Stine	17EE32 §	E3	R	1.7	SFI
Thunder	SB8015N	RRX	R	1.5	AM
Thunder	TX8117N	RXF	R	1.7	AM
Thunder	TX8215N	RXF	R	1.5	AM
Xitavo	XO 1451E	E3	R	1.4	PV,IL,OB
Xitavo	XO 1632E	E3	R	1.6	PV,IL,OB
Xitavo	XO 1761E	E3	R	1.7	PV,IL,OB
Zinesto	Z1411E	E3	R	1.4	DST4,SA
Zinesto	Z1502E	E3	NA	1.5	DST4,SA
Zinesto	Z1601E	E3	R	1.6	DST4,SA
Zinesto	Z1702E	E3	NA	1.7	DST4,SA

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	CruiserMaxx® Beans, Vibrance®
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)
IS	Intego® Suite
Lum,IL	LumiGEN™ plus ILeVO
Lum,Lu	LumiGEN™, Lumisena™
Lum,Lu,IL	LumiGEN™, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SFI	Stine XP F&I
SS+	SoyShield Plus
SS+,SA	SoyShield Plus, Saltro®
Untreated	No seed treatment

* Seed treatments may include unspecified plant health promoting components.