

Test by: MNS Seed Testing, LLC New Richland, MN

2020 Soybeans Top 30 Harvest Report

South Dakota Northeast [SDNE] WEBSTER, SD
Fred Zenk, Day County, SD 57274

All-Season Test	1.0 - 1.7 Day CRM S2020SDNE12
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Corn / Force, Atrazine, Loudis, Classact, Roundup
SOIL DESCRIPTION:	Nutley-Sinai silty clay, well drained, non-irrigated
SOIL CONDITION:	low P, high K, 7.7 pH, 4.9% OM, 32.3 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Roundup, Flexstar, Dual
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 19 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 13 113.2 /A

TEST COMMENTS:

Planting this spring was delayed as many fields remained wet from last year's moisture. We planted in no-till conditions on a side hill that drained well. Emergence was a little uneven as any swale in the ground held moisture and conditions remained wet through June. Weed control was 95 percent effective as only a few weeds on headlands adjacent to the plot were present this fall. There were short bushy plants and large beans in the samples at harvest. The most variability in the plot was from poor emergence this spring and isolated to one replication, which was removed from yield analysis.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
THUNDER	SB8015N	RRX	1.5	R	65.8	9.5	1	115.5	625	1
LG SEEDS	1550RX GC	RRX	1.5	R	64.7	9.6	3	114.0	615	2
ZINESTO	Z1601E	E3	1.6	R	64.0	10.1	3	114.5	608	3
ASGROW	AG11X8 §	RRX	1.1	R	62.0	9.6	1	111.5	589	4
ZINESTO	Z1101E	E3	1.1	R	61.8	9.6	1	110.0	587	5
APEX	AE1410	E3	1.4	R	60.8	10.0	3	116.5	578	6
PROSEED	EL21-23	E3	1.2	R	60.6	9.8	1	114.5	576	7
GOLDEN HARVEST	GH1638X	RRX	1.6	MR	60.4	9.3	1	108.5	574	8
GENESIS	G1340E	E3	1.3	R	60.2	9.3	3	115.5	572	9
NK BRAND	S16-K2X	RRX	1.6	MR	60.1	9.9	3	114.5	570	10
PIONEER	P15A88X GC	RRX	1.5	R	58.0	9.7	3	110.5	551	11
RENK	RS149NX	RRX	1.4	R	57.9	8.9	1	113.0	550	12
APEX	AE1210S	E3	1.2	R	57.5	9.9	1	116.5	546	13
THUNDER	TE7110N	E3	1.0	R	57.1	9.3	1	114.0	542	14
DAIRYLAND	DSR-1318E	E3	1.3	R	57.1	9.4	1	115.0	542	15
THUNDER	TE7117N	E3	1.7	R	56.9	9.7	1	116.0	541	16
DYNA-GRO	S17EN80	E3	1.7	R	56.6	9.9	3	109.0	538	17
THUNDER	TE7011N	E3	1.1	R	56.5	8.9	3	109.0	537	18
ZINESTO	Z1301G	LLGT27	1.3	R	56.4	11.3	1	109.5	536	19
ASGROW	AG17X8 §	RRX	1.7	R	56.3	9.6	1	116.5	535	20
STINE	13EA12 §	E3	1.3	R	55.9	9.1	1	116.0	531	21
RENK	RS100NX	RRX	1.0	R	55.9	8.9	3	114.0	531	22
GENESIS	G1250ES	E3	1.2	R	55.8	8.8	1	115.5	530	23
LATHAM	L 1482 R2X	RRX	1.4	R	55.7	9.6	1	115.5	529	24
LATHAM	L 1192 E3	E3	1.1	R	55.5	10.5	3	116.0	527	25
NK BRAND	S14-U9X §	RRX	1.4	MR	55.4	8.4	1	113.0	526	26
APEX	AE1300	E3	1.3	R	55.4	9.5	1	115.5	526	27
HEFTY	H11X8	RRX	1.1	MR	55.4	10.3	3	114.5	526	28
NK BRAND	S12-T2X	RRX	1.2	MR	55.3	9.6	1	113.0	524	29
ZINESTO	Z1400E	E3	1.4	R	55.2	10.0	1	116.0	523	30



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Averages = **53.6** **9.6** **2** **113.2** **509**

LSD (0.10) = 7.1 ns ns

LSD (0.25) = 3.7 ns ns

C.V. = 10.3

Historic yield: 42.9 bu/a, 13 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.05 Prices: GMO = \$9.50

Report Date: 10/14/2020

Additional reports available at www.firstseedtests.com

† 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

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2020 Soybeans - South Dakota Northeast [SDNE]

All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE1010	E3	R	1.0	CMBV,SA
APEX	AE1210S	E3	R	1.2	CMBV,SA
APEX	AE1300	E3	R	1.3	CMBV,SA
APEX	AE1410	E3	R	1.4	CMBV,SA
APEX	AE1710	E3	R	1.7	CMBV,SA
ASGROW	AG11X8 §	RRX	R	1.1	NA
ASGROW	AG14X8 §	RRX	R	1.4	NA
ASGROW	AG17X8 §	RRX	R	1.7	NA
CREDENZ	CZ 1660GTLL	LLGT27	MR	1.6	PV,IL,OB
CREDENZ	CZ 1859GTLL	LLGT27	R	1.8	PV,IL,OB
DAIRYLAND	DSR-1032E	E3	R	1.0	Lum,Lu,IL
DAIRYLAND	DSR-1318E	E3	R	1.3	Lum,Lu,IL
DAIRYLAND	DSR-1673E	E3	R	1.6	Lum,Lu,IL
DYNA-GRO	S11EN40	E3	R	1.1	EQV,SA
DYNA-GRO	S17EN80	E3	R	1.7	EQV,SA
GENESIS	G1050E	E3	R	1.0	CMBV,SA
GENESIS	G1250ES	E3	R	1.2	CMBV,SA
GENESIS	G1340E	E3	R	1.3	EcTC
GENESIS	G1450E	E3	R	1.4	CMBV,SA
GENESIS	G1650E	E3	R	1.6	CMBV,SA
GENESIS	G1750E	E3	R	1.7	CMBV,SA
GOLDEN HARVEST	GH1225X §	RRX	R	1.2	CMBV,SA
GOLDEN HARVEST	GH1414X §	RRX	R	1.4	CMBV,SA
GOLDEN HARVEST	GH1638X	RRX	MR	1.6	CMBV,SA
HEFTY	H11X8	RRX	MR	1.1	HCS
HEFTY	H14X8	RRX	MR	1.4	HCS
HEFTY	H16X1	RRX	R	1.6	HCS
HEFTY	H16X8	RRX	MR	1.6	HCS
HEFTY	H17X9	RRX	MR	1.7	HCS
LATHAM	L 1085 LLGT27	LLGT27	R	1.0	SS+
LATHAM	L 1094 E3	E3	R	1.0	SS+
LATHAM	L 1192 E3	E3	R	1.1	SS+
LATHAM	L 1392 E3	E3	R	1.3	SS+
LATHAM	L 1429 LLGT27	LLGT27	R	1.4	SS+
LATHAM	L 1482 R2X	RRX	R	1.4	SS+
LATHAM	L 1648 LLGT27	LLGT27	R	1.6	SS+

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
LATHAM	L 1758 E3	E3	R	1.7	SS+
LG SEEDS	1550RX GC	RRX	R	1.5	NA
LG SEEDS	C1000RX GC	RRX	NA	1.0	NA
LOYAL	L1030E	E3	R	1.0	CMBV,SA
LOYAL	L1320E	E3	R	1.3	CMBV,SA
LOYAL	L1430E	E3	R	1.4	CMBV,SA
NK BRAND	S12-T2X	RRX	MR	1.2	CMBV,SA
NK BRAND	S14-U9X §	RRX	MR	1.4	CMBV,SA
NK BRAND	S16-K2X	RRX	MR	1.6	CMBV,SA
PIONEER	P09A53X GC	RRX	NA	0.9	NA
PIONEER	P11A44X GC	RRX	R	1.1	NA
PIONEER	P15A88X GC	RRX	R	1.5	NA
PROSEED	EL21-03	E3	R	1.0	NA
PROSEED	EL21-23	E3	R	1.2	NA
PROSEED	EL91-33	E3	R	1.3	NA
RENK	RS100NX	RRX	R	1.0	EcTC
RENK	RS149NX	RRX	R	1.4	EcTC
RENK	RS150NX	RRX	R	1.5	EcTC
STINE	12EB32 §	E3	R	1.2	NA
STINE	13EA12 §	E3	R	1.3	NA
STINE	14EB26 §	E3	R	1.4	NA
THUNDER	SB8010N	RRX	R	1.0	NA
THUNDER	SB8012N	RRX	R	1.2	NA
THUNDER	SB8015N	RRX	R	1.5	NA
THUNDER	TE7011N	E3	R	1.1	NA
THUNDER	TE7013N	E3	R	1.3	NA
THUNDER	TE7110N	E3	R	1.0	NA
THUNDER	TE7117N	E3	R	1.7	NA
TITAN PRO	15GL9	LLGT27	R	1.5	SA,A,R,G
TITAN PRO	17E0	E3	R	1.7	SA,A,R,G
ZINESTO	Z1001E	E3	R	1.0	NA
ZINESTO	Z1101E	E3	R	1.1	NA
ZINESTO	Z1301G	LLGT27	R	1.3	NA
ZINESTO	Z1400E	E3	R	1.4	NA
ZINESTO	Z1601E	E3	R	1.6	NA
ZINESTO	Z1701G	LLGT27	R	1.7	NA

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®

Soybeans Seed Treatments**

NA	Not Available
CMBV,SA	Cruisermaxx, Vibrance, Saltro
EcTC	Eclipse US Total Coverage Trio IM, N-Force
EQV,SA	Equity VIP, Saltro
HCS	Hefty Complete Soybeans
Lum,Lu,IL	Lumigen, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SA,A,R,G	Saltro, Allegiance FL, Redigo 480, Gaucho 600
SS+	SoyShield Plus

** Seed treatments may include unspecified plant health promoting components.