

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

2020 Soybeans Top 30 Harvest Report

South Dakota East Central [SDEC] ARLINGTON, SD
Tim Bjorklund, Brookings County, SD 57212

All-Season Test	1.6 - 2.3 Day CRM S2020SDEC05
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Force, Surestart, Durango, Atrazine, Bellum
SOIL DESCRIPTION:	Poinsett-Buse-Waubay silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, medium K, 7.6 pH, 4.0% OM, 27.2 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Durango, Sonic, Sharpen, Sinister
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 15 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 117.9 /A

TEST COMMENTS:

When we stopped in June to take soil samples and check plot conditions, we hand weeded some of the bigger weeds that had emerged. On September 10, it froze and estimates of 5 to 10 bushels per acre were lost. At harvest, we had just a few weeds scattered around. Very dry soybean moistures and field conditions for harvest. The biggest yield drag this year was the frost.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
APEX	AE2110	E3	2.1	R	55.9	8.4	4	118.7	531	1
CREDENZ	CZ 2121GTLL	LLGT27	2.1	MR	55.4	8.2	1	116.7	526	2
LATHAM	L 1858 R2	RR2Y	1.8	R	55.0	8.5	2	119.0	522	3
NK BRAND	S20-J5X §	RRX	2.0	R	54.7	8.2	5	114.3	520	4
HEFTY	H23X0	RRX	2.3	R	54.5	8.7	1	116.7	518	5
GOLDEN HARVEST	GH1915X §	RRX	1.9	R	54.5	8.5	3	119.7	518	6
DAIRYLAND	DSR-1673E	E3	1.6	R	54.2	8.5	3	116.7	515	7
APEX	AE2010	E3	2.0	R	53.0	8.6	2	116.0	504	8
CREDENZ	CZ 1660GTLL	LLGT27	1.6	MR	52.9	8.6	4	114.3	503	9
GOLDEN HARVEST	GH2230X §	RRX	2.2	R	52.8	8.7	5	117.7	502	10
HEFTY	H16X1	RRX	1.6	R	52.5	8.5	5	117.7	499	11
ZINESTO	Z2001E	E3	2.0	R	52.3	8.4	6	115.7	497	12
LOYAL	L2130E	E3	2.1	R	52.2	8.6	1	120.7	496	13
NK BRAND	S23-G5X	RRX	2.3	MR	52.1	8.3	6	116.7	495	14
LATHAM	L 2049 E3	E3	2.0	R	52.0	8.7	5	114.0	494	15
APEX	AE1710	E3	1.7	R	51.1	9.0	2	116.7	485	16
GOLDEN HARVEST	GH1638X	RRX	1.6	MR	51.0	8.5	2	124.0	484	17
GENESIS	G1650E	E3	1.6	R	50.8	8.2	2	120.3	483	18
DYNA-GRO	S19XT30	RRX	1.9	R	50.8	8.7	2	117.3	483	19
STINE	19EA32 §	E3	1.9	R	50.5	8.8	3	118.0	480	20
LATHAM	L 2184 R2X	RRX	2.1	R	50.5	8.6	5	116.0	480	21
ZINESTO	Z1701G	LLGT27	1.7	R	50.5	8.4	2	117.0	480	22
STINE	19GB62 §	LLGT27	1.9	R	50.4	8.6	3	118.0	479	23
STINE	19EC32 §	E3	1.9	R	50.2	8.6	1	117.0	477	24
NK BRAND	S16-K2X	RRX	1.6	MR	50.2	8.9	2	112.7	477	25
GENESIS	G1950E	E3	1.9	R	50.1	8.7	2	116.3	476	26
APEX	AE1910	E3	1.9	R	49.8	8.4	1	118.3	473	27
ZINESTO	Z1601E	E3	1.6	R	49.8	8.5	2	121.0	473	28
TITAN PRO	19E0	E3	1.9	R	49.7	8.8	4	115.7	472	29
ZINESTO	Z1801E	E3	1.8	R	49.6	8.9	2	121.7	471	30



Mark Tollefson

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

Averages = **49.0** **8.6** **3** **117.9** **465**

LSD (0.10) = 4.2 ns ns

LSD (0.25) = 2.2 ns ns

C.V. = 8.2

Historic yield: 51.6 bu/a, 7 yr(s)

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

Report Date: 10/11/2020

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 East Central [SDEC]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE1710	E3	R	1.7	CMBV,SA
APEX	AE1910	E3	R	1.9	CMBV,SA
APEX	AE2010	E3	R	2.0	CMBV,SA
APEX	AE2110	E3	R	2.1	CMBV,SA
APEX	AE2310	E3	R	2.3	CMBV,SA
ASGROW	AG17X8 §	RRX	R	1.7	NA
ASGROW	AG20X9 §	RRX	R	2.0	NA
ASGROW	AG21X9 §	RRX	R	2.1	NA
CREDENZ	CZ 1660GTLL	LLGT27	MR	1.6	PV,IL,OB
CREDENZ	CZ 2040GTLL	LLGT27	R	2.0	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-1673E	E3	R	1.6	Lum,Lu,IL
DAIRYLAND	DSR-2030E	E3	R	1.9	Lum,Lu,IL
DAIRYLAND	DSR-2112E	E3	R	2.1	Lum,Lu,IL
DAIRYLAND	DSR-2259E	E3	R	2.2	Lum,Lu,IL
DAIRYLAND	DSR-2424E	E3	R	2.3	Lum,Lu,IL
DAIRYLAND	E20-101E	E3	R	2.2	Lum,Lu,IL
DAIRYLAND	E24-201E	E3	R	2.3	Lum,Lu,IL
DYNA-GRO	S17EN80	E3	R	1.7	EQV,SA
DYNA-GRO	S19XT30	RRX	R	1.9	EQV,SA
GENESIS	G1650E	E3	R	1.6	CMBV,SA
GENESIS	G1950E	E3	R	1.9	CMBV,SA
GENESIS	G2150E	E3	R	2.1	CMBV,SA
GENESIS	G2350E	E3	R	2.3	CMBV,SA
GOLDEN HARVEST	GH1638X	RRX	MR	1.6	CMBV,SA
GOLDEN HARVEST	GH1915X §	RRX	R	1.9	CMBV,SA
GOLDEN HARVEST	GH2230X §	RRX	R	2.2	CMBV,SA
HEFTY	H16X1	RRX	R	1.6	HCS
HEFTY	H18X1	RRX	R	1.8	HCS
HEFTY	H18X8	RRX	MR	1.8	HCS
HEFTY	H20X0	RRX	R	2.0	HCS
HEFTY	H23X0	RRX	R	2.3	HCS
LATHAM	L 1858 R2	RR2Y	R	1.8	SS+
LATHAM	L 2049 E3	E3	R	2.0	SS+
LATHAM	L 2184 R2X	RRX	R	2.1	SS+

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
LATHAM	L 2193 E3	E3	R	2.1	SS+
LATHAM	L 2228 R2	RR2Y	R	2.2	SS+
LATHAM	L 2295 R2X	RRX	R	2.2	SS+
LATHAM	L 2379 E3	E3	R	2.3	SS+
LATHAM	L 2395 LLGT27	LLGT27	R	2.3	SS+
LG SEEDS	C1838RX GC	RRX	R	1.8	NA
LOYAL	L1930E	E3	R	1.9	CMBV,SA
LOYAL	L2130E	E3	R	2.1	CMBV,SA
NK BRAND	S16-K2X	RRX	MR	1.6	CMBV,SA
NK BRAND	S20-J5X §	RRX	R	2.0	CMBV,SA
NK BRAND	S23-G5X	RRX	MR	2.3	CMBV,SA
PIONEER	P18A98X GC	RRX	R	1.8	NA
PIONEER	P20T64E GC	E3	R	1.9	NA
RENK	RS181NX	RRX	R	1.8	EcTC
STINE	19EA32 §	E3	R	1.9	NA
STINE	19EC32 §	E3	R	1.9	NA
STINE	19GB62 §	LLGT27	R	1.9	NA
THUNDER	SB8818N	RRX	R	1.8	NA
THUNDER	TE7117N	E3	R	1.7	NA
THUNDER	TE7119N	E3	R	1.9	NA
TITAN PRO	17E0	E3	R	1.7	SA,A,R,G
TITAN PRO	19E0	E3	R	1.9	SA,A,R,G
TITAN PRO	22E8	E3	R	2.2	SA,A,R,G
ZINESTO	Z1601E	E3	R	1.6	NA
ZINESTO	Z1701G	LLGT27	R	1.7	NA
ZINESTO	Z1801E	E3	R	1.8	NA
ZINESTO	Z2001E	E3	R	2.0	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®
RR2Y	Roundup Ready 2 Yield®
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.