

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

2020 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] BERESFORD, SD
Jason Frick, Clay County, SD 57004

All-Season Test	2.1 - 2.8 Day CRM S2020SDSE04
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Force, Harness Xtra, Roundup
SOIL DESCRIPTION:	Egan-Ethan-Tetonka silty clay loam, well drained, non-irrigated
SOIL CONDITION:	high P, medium K, 5.6 pH, 3.6% OM, 23.9 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Roundup, Flexstar, Cobra
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 3 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 10 115.2 /A

TEST COMMENTS:

There was plenty of moisture in the spring and good conditions for planting. The area around the plot missed the pre-emerge herbicide application and by June some weed pressure was present. We hand weeded after the post-emerge chemical application and got rid of the giant ragweeds that hadn't died. Just a few weeds were left at harvest. This plot was on an elevated plateau and when August turned dry yields suffered. This area was in the drought monitor the longest of any of the South Dakota plots.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	H23X0	RRX	2.3	R	48.8	8.7	4	118.0	464	1
RENK	RS280NX	RRX	2.8	R	45.8	8.4	3	115.7	435	2
DYNA-GRO	S25XT99	RRX	2.5	R	45.2	8.2	2	114.7	429	3
ASGROW	AG27X0 §	RRX	2.7	R	44.7	8.4	4	116.7	425	4
APEX	AE2800	E3	2.8	R	43.7	8.7	1	114.0	415	5
NK BRAND	S23-G5X	RRX	2.3	MR	43.5	8.5	2	115.0	413	6
RENK	RS250NX	RRX	2.5	R	42.8	8.2	4	116.0	407	7
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	42.7	8.2	2	115.7	406	8
APEX	AE2611	E3	2.6	R	42.0	8.5	1	117.7	399	9
GOLDEN HARVEST	GH2788X	RRX	2.7	R	41.8	8.4	3	114.7	397	10
APEX	AE2110	E3	2.1	R	41.8	8.9	3	114.7	397	11
GOLDEN HARVEST	GH2329X	RRX	2.3	MR	41.7	8.6	3	111.7	396	12
CREDENZ	CZ 2550GTLL	LLGT27	2.5	MR	41.5	8.4	3	118.7	394	13
LATHAM	L 2894 E3	E3	2.8	R	41.1	8.8	2	117.3	390	14
ZINESTO	Z2401E	E3	2.4	R	40.7	8.4	2	115.7	387	15
HOEGEMEYER	2540 E	E3	2.5	R	40.6	8.8	1	118.0	386	16
RENK	RS248NX	RRX	2.4	R	40.4	8.0	2	116.0	384	17
NK BRAND	S21-W8X §	RRX	2.1	R	40.2	8.7	2	111.0	382	18
HEFTY	H25X0	RRX	2.5	R	40.2	8.4	2	115.7	382	19
ASGROW	AG26X8 §	RRX	2.6	R	40.1	8.7	3	115.7	381	20
ZINESTO	Z2101G	LLGT27	2.1	R	40.0	8.7	5	113.7	380	21
GENESIS	G2150E	E3	2.1	R	39.4	8.7	2	113.0	374	22
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	39.4	7.7	7	113.7	374	23
TITAN PRO	28E8	E3	2.8	R	39.4	8.6	4	119.3	374	24
CREDENZ	CZ 2360GTLL	LLGT27	2.3	MR	39.1	8.8	1	115.7	371	25
LATHAM	L 2839 LLGT27	LLGT27	2.8	R	38.8	8.7	1	117.7	369	26
GENESIS	G2350E	E3	2.3	R	38.4	8.3	2	109.3	365	27
HOEGEMEYER	2245 E	E3	2.2	R	38.3	8.6	2	120.0	364	28
LATHAM	L 2578 LLGT27	LLGT27	2.5	R	38.3	8.5	1	116.7	364	29
DYNA-GRO	S27EN89	E3	2.7	R	38.2	8.2	2	112.3	363	30



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Averages = **38.7** **8.5** **2** **115.2** **367**

LSD (0.10) = 4.8 0.4 ns

LSD (0.25) = 2.5 0.2 ns

C.V. = 11.9

Historic yield: 46.6 bu/a, 13 yr(s)

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

2020 Soybeans - South Dakota Southeast [SDSE]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2110	E3	R	2.1	CMBV,SA
APEX	AE2310	E3	R	2.3	CMBV,SA
APEX	AE2510	E3	R	2.5	CMBV,SA
APEX	AE2611	E3	R	2.6	CMBV,SA
APEX	AE2800	E3	R	2.8	CMBV,SA
ASGROW	AG21X9 §	RRX	R	2.1	NA
ASGROW	AG26X8 §	RRX	R	2.6	NA
ASGROW	AG27X0 §	RRX	R	2.7	NA
CREDENZ	CZ 2360GTLL	LLGT27	MR	2.3	PV,IL,OB
CREDENZ	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
CREDENZ	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
CREDENZ	CZ 2830GTLL	LLGT27	R	2.8	PV,IL,OB
DYNA-GRO	S25XT99	RRX	R	2.5	EQV,SA
DYNA-GRO	S27EN89	E3	R	2.7	EQV,SA
DYNA-GRO	S28XT58	RRX	R	2.8	EQV,SA
GENESIS	G2150E	E3	R	2.1	CMBV,SA
GENESIS	G2350E	E3	R	2.3	CMBV,SA
GENESIS	G2550E	E3	R	2.5	CMBV,SA
GOLDEN HARVEST	GH2329X	RRX	MR	2.3	CMBV,SA
GOLDEN HARVEST	GH2552X §	RRX	MR	2.5	CMBV,SA
GOLDEN HARVEST	GH2788X	RRX	R	2.7	CMBV,SA
HEFTY	H23X0	RRX	R	2.3	HCS
HEFTY	H25X0	RRX	R	2.5	HCS
HEFTY	H25X8	RRX	MR	2.5	HCS
HEFTY	H28X8	RRX	R	2.8	Untreated
HOEGEMEYER	2245 E	E3	R	2.2	Lum,Lu,IL
HOEGEMEYER	2540 E	E3	R	2.5	Lum,Lu,IL
HOEGEMEYER	2660 E	E3	R	2.6	Lum,Lu,IL
LATHAM	L 2379 E3	E3	R	2.3	SS+
LATHAM	L 2395 LLGT27	LLGT27	R	2.3	SS+
LATHAM	L 2549 R2X	RRX	R	2.5	SS+
LATHAM	L 2578 LLGT27	LLGT27	R	2.5	SS+
LATHAM	L 2638 E3	E3	R	2.6	SS+
LATHAM	L 2839 LLGT27	LLGT27	R	2.8	SS+
LATHAM	L 2887 R2X	RRX	R	2.8	SS+
LATHAM	L 2894 E3	E3	R	2.8	SS+

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
LOYAL	L2130E	E3	R	2.1	CMBV,SA
NK BRAND	S21-W8X §	RRX	R	2.1	CMBV,SA
NK BRAND	S23-G5X	RRX	MR	2.3	CMBV,SA
NK BRAND	S25-V8X §	RRX	MR	2.5	CMBV,SA
PIONEER	P21A28X GC	RRX	R	2.1	NA
RENK	RS248NX	RRX	R	2.4	EcTC,SA
RENK	RS250NX	RRX	R	2.5	EcTC,SA
RENK	RS280NX	RRX	R	2.8	EcTC,SA
STINE	19EA32 §	E3	R	1.9	NA
STINE	19GB62 §	LLGT27	R	1.9	NA
STINE	24EA12 §	E3	R	2.4	NA
TITAN PRO	21E0	E3	R	2.1	SA,A,R,G
TITAN PRO	28E8	E3	R	2.8	SA,A,R,G
ZINESTO	Z2101E	E3	R	2.1	NA
ZINESTO	Z2101G	LLGT27	R	2.1	NA
ZINESTO	Z2401E	E3	R	2.4	NA
ZINESTO	Z2501E	E3	R	2.5	NA
ZINESTO	Z2701E	E3	R	2.7	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,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro
EQV,SA	Equity VIP, Saltro
HCS	Hefty Complete Soybeans
Lum,Lu,IL	Lumigen, Lumisena™, ILeVO
PV,IL,OB	Poncho®/Motivo®, ILeVO, Obvius Plus
SA,A,R,G	Saltro, Allegiance FL, Redigo 480, Gaucho 600
SS+	SoyShield Plus
Untreated	No seed treatment

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