

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

## 2020 Soybeans Top 30 Harvest Report

South Dakota Southeast [SDSE] BURBANK, SD  
Tom Hall, Union County, SD

<b>All-Season Test</b>	2.1 - 2.8 Day CRM S2020SDSE03
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Calisto, Harness, Roundup
<b>SOIL DESCRIPTION:</b>	Wentworth-Worthing silty clay loam, moderately drained, non- irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 7.4 pH, 4.6% OM, 20.8 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Sonic, Clethodin, Roundup, Flexstar, Cobra,
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 12 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 8 117.1 /A

### TEST COMMENTS:

Tom disked the plot ground and planting went well. There was plenty of subsoil moisture this spring. The pre-emerge herbicide worked well. In June, the post-emerge spraying knocked back some weed pressure that was starting to show up. There were a few weeds at harvest, but not affecting plot yields. This was a good spot that drained well. This area was in a more severe drought area this fall so I was happy with yields here.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CREDENZ	CZ 2360GTLL	LLGT27	2.3	MR	<b>67.1</b>	8.4	5	122.0	637	1
TITAN PRO	28E8	E3	2.8	R	<b>64.2</b>	8.8	4	116.0	610	2
LATHAM	L 2894 E3	E3	2.8	R	<b>63.9</b>	8.2	6	119.0	607	3
STINE	19GB62 §	LLGT27	1.9	R	<b>63.7</b>	8.3	4	117.0	605	4
ZINESTO	Z2101G	LLGT27	2.1	R	<b>62.4</b>	8.6	5	118.7	593	5
LATHAM	L 2395 LLGT27	LLGT27	2.3	R	<b>62.2</b>	8.7	5	118.0	591	6
LATHAM	L 2549 R2X	RRX	2.5	R	61.6	8.2	4	117.0	585	7
DYNA-GRO	S27EN89	E3	2.7	R	61.5	8.1	3	116.3	584	8
GENESIS	G2150E	E3	2.1	R	61.3	8.5	6	117.7	582	9
LATHAM	L 2839 LLGT27	LLGT27	2.8	R	60.8	8.4	4	116.7	578	10
ZINESTO	Z2701E	E3	2.7	R	60.3	8.2	12	118.7	573	11
HOEGEMEYER	2660 E	E3	2.6	R	60.1	8.4	2	120.0	571	12
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	59.8	8.2	3	118.3	568	13
APEX	AE2800	E3	2.8	R	59.7	8.7	6	120.0	567	14
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	59.7	8.5	4	115.0	567	15
HOEGEMEYER	2540 E	E3	2.5	R	59.5	8.4	2	117.7	565	16
STINE	24EA12 §	E3	2.4	R	59.5	8.3	6	116.3	565	17
APEX	AE2510	E3	2.5	R	58.9	8.0	7	118.0	560	18
LATHAM	L 2638 E3	E3	2.6	R	58.8	8.5	3	116.0	559	19
ASGROW	AG27X0 §	RRX	2.7	R	58.6	8.4	3	114.0	557	20
DYNA-GRO	S25XT99	RRX	2.5	R	58.2	8.6	4	119.0	553	21
GENESIS	G2550E	E3	2.5	R	58.0	8.4	6	117.0	551	22
APEX	AE2310	E3	2.3	R	57.8	8.4	3	116.3	549	23
APEX	AE2611	E3	2.6	R	57.8	8.6	3	117.0	549	24
DYNA-GRO	S28XT58	RRX	2.8	R	57.7	8.0	3	116.7	548	25
ZINESTO	Z2501E	E3	2.5	R	56.9	8.5	6	118.0	541	26
RENK	RS248NX	RRX	2.4	R	56.8	8.7	4	119.0	540	27
NK BRAND	S21-W8X §	RRX	2.1	R	56.6	8.3	4	118.3	538	28
GOLDEN HARVEST	GH2329X	RRX	2.3	MR	56.5	8.2	3	115.0	537	29
LOYAL	L2130E	E3	2.1	R	55.7	8.2	4	115.7	529	30



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Averages = **56.9** **8.4** **4** **117.1** **540**

LSD (0.10) = 5.5 0.3 ns

LSD (0.25) = 2.9 0.2 ns

C.V. = 9.2

Historic yield: new site

**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

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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

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies\*

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E3	Enlist™ E3
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®

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## Soybeans Seed Treatments\*\*

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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®/Votivo®, ILeVO, Obvius Plus
SA,A,R,G	Saltro, Allegiance FL, Redigo 480, Gaucho 600
SS+	SoyShield Plus
Untreated	No seed treatment

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