

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

## 2020 Soybeans Top 30 Harvest Report

South Dakota Northeast [SDNE] MANSFIELD, SD  
Chris Fischbach, Spink County, SD

<b>All-Season Test</b>	1.0 - 1.7 Day CRM S2020SDNE10
<b>Top 30 of 72</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Harness Xtra, Atrazine, Sterling Blue, Roundup
<b>SOIL DESCRIPTION:</b>	Great-Bend Zell silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, very high K, 6.7 pH, 4.0% OM, 20.4 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Roundup, Anthem Maxx
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 20 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 14 117.1 /A

### TEST COMMENTS:

*This area had corn standing yet this spring. Wet soils remained all spring long. We found a well-drained spot to plant the bean plot, but the rest of the field was used for prevent-planting this year as it contained a lot of low ground. We had good planting conditions and emergence was strong. We hand weeded the bigger Kochia weeds in June. Kochia broke thru in August and we had some scattered weeds for harvest. We hand-weeded again at harvest and were pleased with really nice yields.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PROSEED	EL21-03	E3	1.0	R	<b>76.9</b>	9.7	1	115.7	731	1
APEX	AE1210S	E3	1.2	R	<b>75.9</b>	9.9	3	117.0	721	2
RENK	RS150NX	RRX	1.5	R	<b>74.4</b>	9.8	2	115.0	707	3
ASGROW	AG11X8 §	RRX	1.1	R	<b>74.3</b>	9.4	3	113.7	706	4
PIONEER	P11A44X GC	RRX	1.1	R	<b>74.1</b>	9.7	2	116.0	704	5
THUNDER	SB8012N	RRX	1.2	R	<b>74.0</b>	10.1	2	120.7	703	6
DYNA-GRO	S11EN40	E3	1.1	R	<b>73.8</b>	10.1	2	120.3	701	7
LATHAM	L 1429 LLGT27	LLGT27	1.4	R	<b>73.3</b>	10.3	3	113.7	696	8
DAIRYLAND	DSR-1318E	E3	1.3	R	<b>73.3</b>	10.3	3	115.0	696	9
LATHAM	L 1392 E3	E3	1.3	R	<b>73.2</b>	10.1	2	116.7	695	10
LATHAM	L 1094 E3	E3	1.0	R	<b>72.4</b>	9.6	2	114.7	688	11
LOYAL	L1320E	E3	1.3	R	<b>71.7</b>	10.1	3	117.7	681	12
APEX	AE1010	E3	1.0	R	<b>71.6</b>	10.1	2	120.0	680	13
GENESIS	G1250ES	E3	1.2	R	<b>71.5</b>	10.5	2	117.7	679	14
THUNDER	SB8015N	RRX	1.5	R	<b>71.2</b>	9.6	2	118.3	676	15
HEFTY	H16X8	RRX	1.6	MR	<b>71.1</b>	9.8	3	115.0	675	16
THUNDER	TE7011N	E3	1.1	R	<b>70.6</b>	10.4	2	114.7	671	17
LATHAM	L 1192 E3	E3	1.1	R	<b>70.5</b>	10.3	1	119.0	670	18
LG SEEDS	1550RX GC	RRX	1.5	R	<b>70.3</b>	9.2	1	118.0	668	19
NK BRAND	S14-U9X §	RRX	1.4	MR	<b>70.1</b>	9.9	1	116.0	666	20
THUNDER	SB8010N	RRX	1.0	R	<b>70.0</b>	9.9	2	119.3	665	21
PROSEED	EL21-23	E3	1.2	R	<b>70.0</b>	9.9	5	116.0	665	22
HEFTY	H11X8	RRX	1.1	MR	<b>69.8</b>	9.8	3	111.3	663	23
NK BRAND	S16-K2X	RRX	1.6	MR	<b>69.6</b>	9.9	1	117.7	661	24
GOLDEN HARVEST	GH1638X	RRX	1.6	MR	<b>69.4</b>	10.1	1	115.0	659	25
LATHAM	L 1482 R2X	RRX	1.4	R	<b>69.3</b>	9.2	1	117.0	658	26
GENESIS	G1050E	E3	1.0	R	<b>69.1</b>	9.7	3	117.0	656	27
HEFTY	H16X1	RRX	1.6	R	<b>68.9</b>	10.0	2	117.7	655	28
STINE	13EA12 §	E3	1.3	R	<b>68.7</b>	10.0	1	120.0	653	29
LATHAM	L 1648 LLGT27	LLGT27	1.6	R	<b>68.4</b>	9.9	1	118.7	650	30



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Averages = **67.3** **10.0** **2** **117.1** **639**

LSD (0.10) = 5.4 0.4 ns

LSD (0.25) = 2.9 0.2 ns

C.V. = 7.7

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 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

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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	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

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