

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

2019 Soybeans Top 30 Harvest Report

South Dakota East Central [SDEC] WATERTOWN, SD
Myron Keltgen, Codington County, SD 57201

All-Season Test	1.6 - 2.3 Day CRM S2019SDEC05
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / TripleFlex II, atrazine, Bellum
SOIL DESCRIPTION:	Poinsett-Buse-Waubay silty clay loam, mod. well drained, non- irrigated
SOIL CONDITION:	very high P, very high K, 7.3 pH, 4.4% OM, 21.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Glyphosate, Outlook, Anthem, Metribuzin, Aquilaxl
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 6 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 8 110.1 /A

TEST COMMENTS:

This location had to be changed due to wet conditions in the original location. A few plots were lost due to ponding from excess the moisture this year. We hand weeded the bigger weeds and corn after spraying and at harvest we had it under control. Harvest was delayed from a wet fall. Grain moisture were higher then desired, but it had snowed on this plot twice already so we got them out.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
REA	RX1739	RRX	1.7	R	52.3	16.1	1	110.4	440	1
THUNDER	TG6013N	E3	1.3	R	51.8	16.9	1	112.3	435	2
REA	RX1930	RRX	1.9	n/a	51.7	17.3	2	116.2	434	4
DYNA-GRO	S19RY65	RR2Y	1.9	R	51.6	16.0	1	106.5	435	3
NK BRAND	S18-H3X §	RRX	1.8	R	50.1	16.5	3	103.1	421	5
GOLDEN HARVEST	GH1915X	RRX	1.9	R	49.3	16.7	1	113.3	415	6
PIONEER	P21A28X §	RRX	2.1	R	48.8	18.1	1	109.4	409	8
ASGROW	AG19X0 §	RRX	1.9	R	48.8	16.6	1	106.5	410	7
ASGROW	AG20X9 §	RRX	2.0	R	48.5	16.9	3	106.0	408	9
PIONEER	P19A14X §	RRX	1.9	R	48.3	17.6	5	111.3	405	11
HEFTY	H20X7	RRX	2.0	MR	48.2	16.0	1	109.4	406	10
LATHAM	L 2178 LLGT27	LG27	2.1	R	48.1	16.5	1	113.3	405	12
NK BRAND	S20-J5X §	RRX	2.0	R	47.1	16.6	1	107.4	396	13
HEFTY	Z1900E	E3	1.9	R	47.0	16.9	1	110.3	395	14
GOLDEN HARVEST	GH2230X	RRX	2.2	R	46.6	16.8	1	111.8	392	15
THUNDER	TE7017N	E3	1.7	R	45.7	16.8	1	109.4	384	16
REA	RX2039 GC	RRX	2.0	R	45.5	16.5	1	112.3	383	17
LATHAM	L 1769R2X	RRX	1.7	R	45.4	16.0	1	109.9	382	18
CREDENZ	CZ 1850GTLL	LG27	1.8	MR	45.4	16.5	1	110.4	382	19
STINE	19GA02 §	LG27	1.9	R	45.1	16.0	1	110.4	380	20
GOLDEN HARVEST	GH2041X	RRX	2.0	R	44.3	16.5	2	107.9	373	21
GENESIS	G2140E	E3	2.1	R	44.0	19.9	1	107.4	366	22
LATHAM	L 1829 E3	E3	1.8	R	43.0	17.3	1	112.3	361	23
HEFTY	H23X0	RRX	2.3	R	42.9	18.9	1	114.8	358	25
CREDENZ	CZ 2040GTLL	LG27	2.0	R	42.7	16.9	1	104.0	359	24
CREDENZ	CZ 2230GTLL	LG27	2.2	MR	42.5	17.5	2	111.3	356	26
NK BRAND	S18-G4X §	RRX	1.8	R	42.5	17.9	1	115.7	356	27
PIONEER	P18A98X §	RRX	1.8	R	42.2	16.3	1	107.4	355	28
ASGROW	AG22X0 §	RRX	2.2	R	42.2	18.3	7	113.3	352	29
GENESIS	G2181GL	LG27	2.2	R	41.7	18.0	1	114.3	349	30



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Averages =	41.8	17.6	2	110.1	351
LSD (0.10) =	7.6	1.2	ns		
LSD (0.25) =	4.0	0.6	ns		
C.V. =	17.4				

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$8.50

2019 Soybeans - South Dakota East Central [SDEC]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG19X0 §	RRX	R	1.9
ASGROW	AG20X9 §	RRX	R	2.0
ASGROW	AG22X0 §	RRX	R	2.2
CREDENZ	CZ 1850GTLL	LG27	MR	1.8
CREDENZ	CZ 2040GTLL	LG27	R	2.0
CREDENZ	CZ 2230GTLL	LG27	MR	2.2
DYNA-GRO	S19RY65	RR2Y	R	1.9
DYNA-GRO	S21EN70	E3	R	2.1
DYNA-GRO	S23XT90	RRX	R	2.3
GENESIS	G1840E	E3	R	1.8
GENESIS	G2140E	E3	R	2.1
GENESIS	G2181GL	LG27	R	2.2
GENESIS	G2340E	E3	R	2.3
GOLDEN HARVEST	GH1915X	RRX	R	1.9
GOLDEN HARVEST	GH2041X	RRX	R	2.0
GOLDEN HARVEST	GH2230X	RRX	R	2.2
HEFTY	H20X0	RRX	R	2.0
HEFTY	H20X7	RRX	MR	2.0
HEFTY	H23X0	RRX	R	2.3
HEFTY	H23X9	RRX	MR	2.3
HEFTY	Z1800E	E3	R	1.8
HEFTY	Z1900E	E3	R	1.9
HEFTY	Z2000E	E3	R	2.0
HEFTY	Z2300E	E3	R	2.3
HEFTY	Z2301E	E3	R	2.3
LATHAM	L 1769R2X	RRX	R	1.7
LATHAM	L 1829 E3	E3	R	1.8
LATHAM	L 2084R2	RR2Y	R	2.0
LATHAM	L 2159 R2X	RRX	R	2.1
LATHAM	L 2178 LLGT27	LG27	R	2.1
LATHAM	L 2193 E3	E3	R	2.1
LATHAM	L2295R2X	RRX	R	2.2
LATHAM	L2368R2X	RRX	R	2.3
NK BRAND	S18-G4X §	RRX	R	1.8
NK BRAND	S18-H3X §	RRX	R	1.8
NK BRAND	S20-J5X §	RRX	R	2.0

Company/Brand	Brand/Product	Technology	RM	SCN
PIONEER	P18A98X §	RRX	R	1.8
PIONEER	P19A14X §	RRX	R	1.9
PIONEER	P21A28X §	RRX	R	2.1
REA	RX1610	RRX	R	1.6
REA	RX1739	RRX	R	1.7
REA	RX1930	RRX	NA	1.9
REA	RX2039 GC	RRX	R	2.0
REA	RX2240	RRX	NA	2.2
RENK	RS200NX	RRX	R	2.1
STINE	19EA33 §	E3	R	1.9
STINE	19GA02 §	LG27	R	1.9
THUNDER	SB8021N	RRX	R	2.1
THUNDER	SB8818N	RRX	R	1.8
THUNDER	TE7017N	E3	R	1.7
THUNDER	TG6013N	E3	R	1.3
TITAN PRO	20E9	E3	R	2.0
TITAN PRO	22E8	E3	R	2.2
TITAN PRO	23E9	E3	R	2.3

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™
LG27 or G27	LibertyLink® GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant
