

Test by: NewVenture, LLC Ellendale, MN

2019 Soybeans Top 30 Harvest Report

Minnesota North Central [MNNC] ROYALTON, MN
Kenny Kasella, Morrison County, MN 56315

All-Season Test	0.6 - 1.5 Day CRM S2019MNNC01
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Corn / NA
SOIL DESCRIPTION:	Watab Loamy Fine Sand loamy sand, moderately drained, irrigated
SOIL CONDITION:	very high P, very high K, 7.2 pH, 2.9% OM, 14.3 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Sonic, Roundup, Medal Ec, Miravis Neo, Warrior
Applied N-P-K (units):	0-0-0
SEDED - RATE - ROW:	Jun 4 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 26 134.4 /A

TEST COMMENTS:

This site was planted late due to weather delays. Some of the longer season varieties seemed to suffer from the shortened growing season. Some of the moistures were still very high but threshed okay. These varieties would be fine in a normal year. During my site visit in early October minimal leaf diseases were noted. Two reps were planted due to a stray down pour that ruined 2 boxes of seed.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	S12-R3	RR2Y	1.2	R	61.7	15.5	0	133.6	540	1
PROSEED	XT 90-90N	RRX	0.9	R	57.2	15.3	0	135.1	500	2
PIONEER	P08A72X §	RRX	0.8	R	55.7	15.6	3	135.0	487	3
NK BRAND	S10-H7X	RRX	1.0	MR	55.3	15.9	0	135.0	484	4
DAHLMAN	6014XN	RRX	1.4	R	54.2	16.2	0	134.3	473	5
THUNDER	SB8010N	RRX	1.0	R	52.8	16.1	0	133.6	462	6
DYNA-GRO	S14XT98	RRX	1.4	R	52.8	15.4	1	134.3	462	7
RENK	RS153NR2	RR2Y	1.5	R	51.9	16.2	5	135.0	454	8
NK BRAND	S14-A6	RR2Y	1.4	R	51.4	15.9	1	135.8	450	9
THUNDER	SB8814N	RRX	1.4	R	51.3	15.5	1	135.8	449	10
HEFTY	Z0700E	E3	0.7	R	51.0	15.9	15	134.3	446	11
HEFTY	H14X0	RRX	1.4	R	50.8	17.3	9	135.0	444	12
GOLDEN HARVEST	GH0936X	RRX	0.9	MR	50.7	15.5	0	133.6	444	13
NK BRAND	S14-U9X	RRX	1.4	MR	50.5	15.9	0	135.1	442	14
HEFTY	H10X0	RRX	1.0	R	50.3	15.7	2	133.6	440	15
ASGROW	AG11X8 §	RRX	1.1	R	50.1	15.4	1	135.8	438	16
NK BRAND	S09-D4X §	RRX	0.9	MR	50.0	15.7	1	134.3	438	17
RENK	RS100NX	RRX	1.0	R	50.0	15.9	1	135.0	438	18
LATHAM	L 1429 LLGT27	LG27	1.4	R	50.0	16.1	1	133.6	438	19
NK BRAND	S07-Q4X §	RRX	0.7	MR	49.6	15.0	0	133.6	434	20
DYNA-GRO	S11XT78	RRX	1.1	R	49.6	15.8	3	135.8	433	21
DYNA-GRO	S09XT50	RRX	0.9	R	49.1	15.4	0	133.6	430	22
GOLDEN HARVEST	GH1317X	RRX	1.3	R	49.1	15.7	0	135.0	429	23
LATHAM	L 1039 R2X	RRX	1.0	R	48.9	16.0	4	134.3	428	24
TITAN PRO	15GL9	LG27	1.5	R	48.5	19.0	3	135.0	424	25
HEFTY	Z0800E	E3	0.8	S	47.8	15.3	3	135.0	418	26
FEDERAL	1409N LLGT+	LG27	1.4	R	47.6	15.7	7	133.6	416	27
TITAN PRO	12GL8	LG27	1.2	R	47.2	16.1	1	134.3	413	28
CREDENZ	CZ 1139GTLL	LG27	1.1	MR	47.2	16.7	3	134.3	413	29
CREDENZ	CZ 1470GTLL	LG27	1.4	MR	47.2	18.6	5	134.3	412	30

Averages = **45.1** **16.1** **3** **134.4** **395**

LSD (0.10) = 4.9 1.1 8

LSD (0.25) = 2.6 0.6 4

C.V. = 8.4

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$8.75

2019 Soybeans - Minnesota North Central [MNNC]



All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ANDERSON	159RX	RRX	MR	1.5
ASGROW	AG10X9 §	RRX	R	1.0
ASGROW	AG11X8 §	RRX	R	1.1
ASGROW	AG14X0 §	RRX	R	1.4
CREDENZ	CZ 0729GTLL	LG27	MR	0.7
CREDENZ	CZ 1139GTLL	LG27	MR	1.1
CREDENZ	CZ 1470GTLL	LG27	MR	1.4
CREDENZ	CZ 1549GTLL	LG27	R	1.5
DAHLMAN	1014E3N	E3	R	1.4
DAHLMAN	6014XN	RRX	R	1.4
DYNA-GRO	S09XT50	RRX	R	0.9
DYNA-GRO	S11XT78	RRX	R	1.1
DYNA-GRO	S13XT89	RRX	R	1.3
DYNA-GRO	S14XT98	RRX	R	1.4
ENESTVEDT	E1418RR2	RR2Y	R	1.4
FEDERAL	1409N LLGT+	LG27	R	1.4
GOLD COUNTRY	1428X	RRX	R	1.4
GOLD COUNTRY	O718X	RRX	R	0.7
GOLD COUNTRY	O928X	RRX	R	0.9
GOLDEN HARVEST	GH0936X	RRX	MR	0.9
GOLDEN HARVEST	GH1317X	RRX	R	1.3
GOLDEN HARVEST	GH1538X	RRX	R	1.5
HEFTY	H10X0	RRX	R	1.0
HEFTY	H11E0	E3	R	1.1
HEFTY	H14X0	RRX	R	1.4
HEFTY	Z0700E	E3	R	0.7
HEFTY	Z0800E	E3	S	0.8
HEFTY	Z1100E	E3	R	1.1
HEFTY	Z1300E	E3	R	1.3
HEFTY	Z1401E	E3	R	1.4
LATHAM	L 0883 R2X	RRX	R	0.8
LATHAM	L 0995 E3	E3	R	0.9
LATHAM	L 1039 R2X	RRX	R	1.0
LATHAM	L 1192 E3	E3	R	1.1
LATHAM	L 1359 LLGT27	LG27	R	1.3
LATHAM	L 1392 E3	E3	R	1.3

Company/Brand	Brand/Product	Technology	RM	SCN
LATHAM	L 1429 LLGT27	LG27	R	1.4
LATHAM	L 1595 E3	E3	R	1.5
NK BRAND	S06-K4X §	RRX	S	0.6
NK BRAND	S07-Q4X §	RRX	MR	0.7
NK BRAND	S09-D4X §	RRX	MR	0.9
NK BRAND	S10-H7X	RRX	MR	1.0
NK BRAND	S12-R3	RR2Y	R	1.2
NK BRAND	S14-A6	RR2Y	R	1.4
NK BRAND	S14-B2X	RRX	R	1.4
NK BRAND	S14-U9X	RRX	MR	1.4
PIONEER	P08A72X §	RRX	R	0.8
PIONEER	P12A59X §	RRX	R	1.2
PIONEER	P15T46R2 §	RR2Y	R	1.5
PROSEED	EL 91-23N	E3	R	1.2
PROSEED	EL 91-33N	E3	R	1.3
PROSEED	XT 90-90N	RRX	R	0.9
RENK	RS084NR2	RR2Y	R	0.8
RENK	RS089NX	RRX	R	0.8
RENK	RS100NX	RRX	R	1.0
RENK	RS149NX	RRX	R	1.4
RENK	RS153NR2	RR2Y	R	1.5
STINE	09EA02 §	E3	R	0.9
STINE	13EA12 §	E3	R	1.3
STINE	15GA20 §	LG27	R	1.5
THUNDER	SB8009N	RRX	R	0.9
THUNDER	SB8010N	RRX	R	1.0
THUNDER	SB8814N	RRX	R	1.4
THUNDER	TE7011N	E3	R	1.1
THUNDER	TE7013N	E3	R	1.3
THUNDER	TE7910N	E3	R	1.0
TITAN PRO	11E9	E3	R	1.1
TITAN PRO	12GL8	LG27	R	1.2
TITAN PRO	13E9	E3	R	1.3
TITAN PRO	15E9	E3	R	1.5
TITAN PRO	15GL9	LG27	R	1.5
TITAN PRO	TP-10X69	RRX	R	1.0

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™
G27	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
