

2019 Soybeans Top 30 Performance Summary for Minnesota North Central [MNNC]

All-Season Test

0.6 - 1.5 Day CRM

S2019MNNC

Top 30 of 72

For Gross Income (Sorted by Yield), (8) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	SCN	Yield Bu/A	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Albany	Clear Lake	Royalton *	Wendell REJECTED
NK BRAND	S12-R3	RR2Y	1.2	R	56.2	35.6	17.4	14.6	0	482	1	54.0	53.0	61.7	36.5
TITAN PRO	15GL9	LG27	1.5	R	52.9	33.9	18.5	15.9	1	454	2	44.6	65.7	48.5	36.0
LATHAM	L 1359 LLGT27	LG27	1.3	R	51.7	34.8	17.5	15.4	2	442	3	49.6	59.4	46.0	35.4
GOLDEN HARVEST	GH1538X	RRX	1.5	R	51.0	35.0	17.5	14.6	2	436	5	51.7	54.4	47.0	38.5
RENK	RS153NR2	RR2Y	1.5	R	51.0	34.3	18.4	14.7	2	437	4	48.8	52.3	51.9	40.0
LATHAM	L 1429 LLGT27	LG27	1.4	R	50.8	34.9	17.7	14.7	2	435	6	51.9	50.6	50.0	33.7
THUNDER	SB8010N	RRX	1.0	R	50.7	33.0	18.0	14.5	2	434	7	45.4	53.7	52.8	
THUNDER	TE7013N	E3	1.3	R	50.5	34.1	17.5	15.3	5	432	8	51.9	56.6	43.1	
DYNA-GRO	S11XT78	RRX	1.1	R	50.3	35.0	17.6	14.7	1	430	9	48.6	52.8	49.6	
THUNDER	SB8814N	RRX	1.4	R	50.3	34.6	17.9	14.3	0	430	10	51.2	48.3	51.3	
PROSEED	XT 90-90N	RRX	0.9	R	49.9	34.8	17.0	14.5	0	429	11	42.9	49.8	57.2	
DAHLMAN	6014XN	RRX	1.4	R	49.9	33.3	18.7	14.7	0	428	12	47.6	48.1	54.2	
ASGROW	AG11X8 §	RRX	1.1	R	49.7	35.1	17.2	14.4	0	426	14	49.3	49.8	50.1	
NK BRAND	S14-A6	RR2Y	1.4	R	49.7	34.9	17.8	14.7	0	426	13	44.8	52.9	51.4	
DYNA-GRO	S13XT89	RRX	1.3	R	49.6	34.8	17.0	14.2	0	425	15	48.9	57.0	43.0	
FEDERAL	1409N LLGT+	LG27	1.4	R	49.6	35.0	18.0	14.5	2	424	16	51.3	50.0	47.6	
ENESTVEDT	E1418RR2	RR2Y	1.4	R	49.5	34.4	17.8	14.6	5	423	17	50.5	57.2	40.8	
HEFTY	H10X0	RRX	1.0	R	49.4	33.5	17.9	14.6	1	422	18	51.6	46.3	50.3	
CREDENZ	CZ 1470GTLL	LG27	1.4	MR	49.3	34.8	17.5	16.0	2	422	19	46.3	54.4	47.2	
LATHAM	L 1595 E3	E3	1.5	R	49.1	33.4	18.2	14.9	1	420	20	48.2	52.2	47.0	
LATHAM	L 1392 E3	E3	1.3	R	48.9	34.1	17.8	15.0	5	418	22	49.4	50.7	46.6	
NK BRAND	S14-B2X	RRX	1.4	R	48.8	33.7	18.2	14.6	2	419	21	43.8	56.9	45.8	
LATHAM	L 1039 R2X	RRX	1.0	R	48.7	33.2	18.1	14.3	1	418	23	45.2	52.2	48.9	
DYNA-GRO	S09XT50	RRX	0.9	R	48.7	34.3	17.3	14.4	0	418	24	44.1	52.9	49.1	
PIONEER	P08A72X §	RRX	0.8	R	48.6	34.1	18.0	14.4	2	416	25	48.4	41.8	55.7	
THUNDER	SB8009N	RRX	0.9	R	48.6	34.6	17.0	14.4	1	416	26	52.4	48.3	45.2	
CREDENZ	CZ 1549GTLL	LG27	1.5	R	48.5	32.9	18.4	17.4	2	415	27	44.6	59.5	41.4	31.2
NK BRAND	S10-H7X	RRX	1.0	MR	48.4	34.7	17.5	14.7	0	415	28	45.7	44.3	55.3	36.0
HEFTY	H14X0	RRX	1.4	R	48.3	33.7	18.0	15.2	4	413	29	44.5	49.5	50.8	33.5
HEFTY	Z1401E	E3	1.4	R	48.2	34.1	17.7	15.9	3	412	30	49.5	52.8	42.4	37.2

Data Rejected - Not in Summary

Averages =	47.0	34.4	17.6	14.5	2	401	46.8	48.6	45.1	34.9
LSD (0.10) =	4.6	0.8	0.4	0.5	3		4.6	8.6	4.9	5.7
LSD (0.25) =	2.4	0.4	0.2	0.3	2		2.4	4.5	2.6	3.0

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.00

Prices: GMO = \$8.75

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. *There were 2 reps for the site.

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2019 Soybeans - Minnesota North Central [MNNC]

All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ANDERSON	159RXT	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™
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