

2018 Soybean Top 30 Performance Summary for Minnesota Central [ MNCE ]



All-Season Test

Maturity Group 1.3 - 2.0

Top 30 of 60

S2018MNCE

For Gross Income (Sorted by Yield), (11) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Clinton		Lester Prairie	
										\$/Acre	Rank	Kerkhoven‡	Starbuck		
Stine	19RF32 §	RR2Y	1.9	R	<b>61.6</b>	33.6	18.9	12.2	0	\$493	1	61.8	<b>64.8</b>	62.2	<b>57.4</b>
Stine	13RI32 §	RR2Y	1.3	R	<b>61.0</b>	34.2	18.6	12.2	0	\$488	2	58.3	<b>64.3</b>	64.0	<b>57.3</b>
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	<b>61.0</b>	34.1	18.6	12.2	0	\$488	3	<b>64.9</b>	61.8	<b>67.2</b>	49.9
Golden Harvest	GH1915X	RRX	1.9	R	<b>60.3</b>	33.4	19.1	12.3	0	\$482	4	63.3	53.0	<b>67.8</b>	<b>56.9</b>
NK Brand	S14-A6	RR2Y	1.4	R	<b>60.3</b>	34.3	19.0	12.3	0	\$482	5	60.4	<b>71.7</b>	64.3	44.9
Hefty	H14X8	RRX	1.4	MR	<b>60.1</b>	34.5	18.9	12.2	0	\$481	6	62.4	55.9	<b>68.5</b>	53.5
Latham	L1438R2	RR2Y	1.4	R	<b>59.9</b>	34.0	18.9	12.2	0	\$479	7	<b>63.4</b>	59.6	62.2	<b>54.5</b>
Federal	F195NRR2Y GC	RR2Y	1.9	R	59.6	34.2	18.7	12.3	0	\$477	8	<b>66.7</b>	54.3	64.9	52.5
Federal	F2190NR2X	RRX	2.1	R	59.5	<b>35.0</b>	18.5	12.2	0	\$476	9	57.6	<b>64.7</b>	61.8	53.7
Thunder	SB8814N	RRX	1.4	R	59.5	34.0	19.1	12.3	0	\$476	10	61.7	61.5	<b>68.8</b>	45.9
NK Brand	S20-J5X §	RRX	2.0	R	59.4	34.7	18.8	12.2	0	\$475	11	<b>63.6</b>	57.0	<b>68.9</b>	48.1
Anderson	217RXT	RRX	2.0	MR	59.4	<b>35.1</b>	18.5	12.2	0	\$475	12	59.3	58.9	65.4	53.8
Hefty	H18X8	RRX	1.8	MR	58.8	34.7	18.9	12.2	0	\$470	13	59.2	61.0	64.3	50.7
Latham	L1858R2	RR2Y	1.8	R	58.7	33.7	19.0	12.2	0	\$470	14	<b>64.0</b>	59.7	62.8	48.2
Thunder	3914R2YN	RR2Y	1.4	R	58.6	34.6	18.4	12.3	0	\$469	15	<b>67.6</b>	51.0	65.8	49.8
Stine	20RD20 §	RR2Y	2.0	R	58.5	34.2	19.1	12.3	0	\$468	16	59.4	57.3	63.5	53.7
Hefty	H20X7	RRX	2.0	MR	58.3	34.4	18.8	12.1	0	\$466	17	58.7	59.5	65.3	49.7
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	58.3	34.3	<b>19.3</b>	12.3	0	\$466	18	<b>66.9</b>	54.3	<b>67.7</b>	44.2
Golden Harvest	GH1619X	RRX	1.6	R	58.2	31.9	<b>20.0</b>	12.3	0	\$466	19	56.7	<b>68.2</b>	58.9	48.9
Latham	L1482R2X	RRX	1.4	R	58.1	34.2	18.3	12.3	0	\$465	20	60.1	<b>63.8</b>	58.1	50.4
Asgrow	AG20X7 §	RRX	2.0	R	58.0	34.3	19.0	12.4	0	\$464	21	60.5	50.9	64.3	<b>56.2</b>
Asgrow	AG17X8 §	RRX	1.7	R	57.5	33.9	<b>19.5</b>	12.5	0	\$460	22	<b>63.9</b>	60.9	61.0	44.0
Dyna-Gro	S18XT38	RRX	1.8	MR	57.4	34.7	18.7	12.1	0	\$459	23	58.0	<b>62.0</b>	54.2	<b>55.3</b>
Pfister	20R23	RR2Y	2.0	R	57.4	<b>35.0</b>	18.7	12.4	0	\$459	24	57.1	60.3	61.7	50.4
AgriGold	G1502RX	RRX	1.5	R	57.1	34.4	18.2	12.3	0	\$457	25	60.0	57.4	63.6	47.2
NK Brand	S18-H3X §	RRX	1.8	R	56.9	34.4	18.9	12.3	0	\$455	26	<b>64.8</b>	55.0	61.7	46.0
Asgrow	AG14X8 §	RRX	1.4	R	56.6	33.7	19.1	12.3	1	\$453	27	56.5	<b>62.7</b>	61.1	46.2
Anderson	159RXT	RRX	1.5	MR	56.3	34.3	18.3	12.2	0	\$450	28	59.8	58.4	64.7	42.2
Renk	RS149NX	RRX	1.4	R	56.0	34.3	18.2	12.3	0	\$448	29	59.3	59.5	64.3	40.8
Pioneer	P19A14X §	RRX	1.9	R	55.9	32.8	<b>19.7</b>	12.5	0	\$447	30	53.4	54.4	60.9	<b>54.9</b>

Averages =	<b>56.0</b>	<b>34.3</b>	<b>18.9</b>	<b>12.3</b>	<b>0</b>	<b>\$448</b>	<b>58.2</b>	<b>56.2</b>	<b>60.8</b>	<b>48.8</b>
LSD (0.10) =	3.7	0.5	0.3	0.2	ns		5.2	5.8	5.5	5.4
LSD (0.25) =	1.9	0.2	0.1	0.1	ns		2.7	3.0	2.9	2.8

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Previous years average yield for region, 53.4 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.00 GMO; \$8.00 non-GMO

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). **ns** = not significantly different; ‡ = 2 reps.

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com). ©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 11/02/2018 Revised: 11/29/2018 Protein and oil results added



## Footnotes and Abbreviation Descriptions

### Brand Footnotes

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^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

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### Soybean Technologies

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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

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### Soybean Cyst Nematode (SCN) Resistance Rating

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

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### Soybean Seed Treatments\*

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?	Information not provided	EE	Evergol™ Energy	PG+	Profit Guard +™
A2020	Alert 2020™	EL	Elevate™ F+I	PS	MAS Pro-Shield
AC	Acceleron® fungicide products	EL+	Elevate™ Plus	PV	Poncho®/Votivo®
ACi	Acceleron® fungicide and insecticide products	En	Encase®	R	Redigo™
AM	ApronMaxx®	EQV	Equity® VIP	Ret	Revize® SB+T
ASfi	AgriShield® F+I	Es	Escalate™	Ri	Rizolex™
AVB	Avicta® Complete Beans	F	fungicide	SF	Stine XP F
AVBV	Avicta® Complete Beans with Vibrance	G	Gaucho®	SFI	Stine XP fungicide & insecticide
BB	Buckeye Boost ST	Gr+	Great Start™ Max Plus	SS	Soyshield™
CCB	Clariva™ Complete Beans	I	insecticide	SS+	Soyshield Plus™
Cl	Clariva™ pn	IL	ILeVO®	TE	Trius Elite™
CMB	CruiserMaxx® Beans	In	Intego™ Solo	TT	Turbo Treat™
CMBV	CruiserMaxx® Beans with Vibrance	IS	Intego™ Suite	W	Warden® CX
DPHB	DPH Boost®	Lu	Lumisena™	Wr	Warden® RTA
DST	Dominance™ ST	Me	Mertect®	YPP	YP Pro™
DX	Defend™ Extra	None	untreated		
EcTC	Eclipse™ US Total coverage	Pd	proTect D™		

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