

2017 Soybean Top 30 Performance Summary for Minnesota South [ MNSO ]



Early-Season Test  
Maturity Group 1.6 - 1.9  
S2017MNSOa

Top 30 of 48  
For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Easton	Kasson		
										\$/Acre	Rank		Jeffers	New Richland	
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	<b>61.1</b>			11.4	0	\$574	1	<b>64.6</b>	49.4	54.0	64.7
Renk	RS195NR2	RR2Y	1.9	R	<b>61.1</b>			11.5	0	\$574	2	62.2	53.2	<b>59.5</b>	61.6
Anderson	168RXT	RRX	1.6	MR	<b>60.8</b>			11.1	0	\$572	3	61.3	54.5	<b>60.0</b>	61.2
Anderson	153R2Y	RR2Y	1.5	R	<b>60.5</b>			11.1	0	\$569	4	60.1	44.1	58.6	62.7
Federal	F195NRR2Y	RR2Y	1.9	R	60.3			11.0	0	\$567	5	<b>63.7</b>	42.8	58.2	58.9
Hefty	H16X8	RRX	1.6	R	60.1			10.9	0	\$565	6	62.1	42.8	57.2	60.9
Stine	19RF32 §	RR2Y	1.9	R	59.9			11.1	0	\$563	7	61.6	42.8	58.5	59.5
Dyna-Gro	S19RY65	RR2Y	1.9	R	59.5			11.0	0	\$559	8	60.1	42.8	56.4	62.1
Pfister	18R201	RR2Y	1.8	R	59.4			11.1	0	\$558	9	61.9	42.8	57.6	58.7
Prairie Brand	PB-1947R2	RR2Y	1.9	R	59.2			11.2	0	\$556	10	59.5	42.8	55.0	63.0
Champion	18R37N	RR2Y	1.9	R	59.1			11.2	0	\$556	11	61.1	42.8	55.6	60.6
NorthStar	NS 1911NR2	RR2Y	1.9	R	58.8			11.3	0	\$553	12	57.0	42.8	58.3	61.1
Renk	RS153NR2	RR2Y	1.5	R	58.7			11.0	0	\$552	13	59.2	42.8	56.7	60.1
Golden Harvest	GH1915X	RRX	1.9	R	58.6			10.9	0	\$551	14	58.3	42.8	54.1	63.4
Dahlman	6815XN GC	RRX	1.5	R	58.5			11.1	0	\$550	15	58.0	42.8	56.6	60.9
NorthStar	NS 61633NXR2	RRX	1.6	R	58.5			11.4	0	\$550	16	57.4	42.8	<b>60.5</b>	57.5
Mustang	19726	RR2Y	1.9	R	58.3			11.0	0	\$548	17	<b>63.4</b>	42.8	51.3	60.3
Latham	L1684R2X	RRX	1.6	R	58.1			11.2	0	\$546	18	60.8	42.8	56.9	56.5
LG Seeds	C1870R2	RR2Y	1.8	R	58.1			11.2	0	\$546	19	62.0	42.8	54.7	57.5
Titan Pro	TP-16X77	RRX	1.6	MR	58.0			11.1	0	\$545	20	55.2	42.8	58.8	60.0
Cornelius	CB19R71	RR2Y	1.9	R	57.7			11.2	0	\$542	21	60.6	42.8	54.2	58.4
Mustang	16X628	RRX	1.6	R	57.6			11.3	0	\$541	22	58.7	42.8	56.6	57.6
Federal	F2080NR2X	RRX	2.0	R	57.1			11.5	0	\$537	23	62.2	42.8	49.5	59.5
Latham	L1748R2	RR2Y	1.7	R	57.0			10.8	0	\$536	24	54.5	42.8	58.7	57.8
Dyna-Gro	S17RY67	RR2Y	1.7	R	56.7			11.1	0	\$533	25	55.1	42.8	56.6	58.3
Cornelius	CB18X80	RRX	1.8	R	56.5			11.1	0	\$531	26	56.6	43.4	54.9	58.1
Asgrow	AG17X8 §	RRX	1.7	R	56.4			10.9	0	\$530	27	57.9	43.9	51.4	59.8
Champion	18X78N	RRX	1.8	R	56.3			11.2	0	\$529	28	52.6	51.3	55.5	60.7
Hefty	H18X8	RRX	1.8	R	56.3			11.3	0	\$529	29	54.3	51.2	57.1	57.4
Dahlman	6713XN GC	RRX	1.3	R	56.0			11.1	0	\$526	30	57.6	54.3	53.5	56.9
Dahlman	6820XN CK	RRX	2.0	R	56.0			11.5	0	\$526	31	<b>62.9</b>	44.6	44.6	60.5

Results available by early-December  
Visit www.firstseedtests.com to obtain a revised report

Data Rejected - Not in Summary

*Mark Querna*  
Mark Querna

Averages = **57.2**      **11.1**      **0**      **\$538**      **57.7**      **49.6**      **54.7**      **59.1**  
 LSD (0.10) = 3.3      0.3      ns           4.6      9.0      4.8      ns  
 LSD (0.25) = 1.7      0.2      ns           2.4      6.3      2.5      2.1

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Previous years average yield for region, 55.4 bu/a, 15 yrs

**Yield & Income Factors:** Base Moisture = 13.0%      Shrink = 1.3      Drying = \$0.020      Prices = \$9.40 GMO; \$9.40 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.

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Report Date: 10/25/2017

Revised:

2017 Soybean Top 30 Performance Summary for Minnesota South [ MNSO ]



Full-Season Test

Maturity Group 2.0 - 2.3

S2017MNSOb

Top 30 of 54

For Gross Income (Sorted by Yield), (9) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Easton	Kasson		
										\$/Acre	Rank		Jeffers	New Richland	
NK Brand	S20-J5X §	RRX	2.0	R	<b>61.3</b>			11.3	0	\$576	1	63.8	<b>53.3</b>	<b>56.5</b>	<b>63.5</b>
NK Brand	S21-W8X §	RRX	2.1	R	<b>60.3</b>			11.2	0	\$567	2	63.0	<b>58.5</b>	54.0	<b>63.9</b>
Golden Harvest	GH2230X	RRX	2.2	R	<b>60.2</b>			11.3	0	\$566	3	61.0	<b>55.1</b>	<b>56.4</b>	<b>63.1</b>
Mustang	22X228	RRX	2.2	R	<b>60.1</b>			11.3	0	\$565	4	<b>66.5</b>	<b>57.8</b>	54.4	59.4
Hefty	H22X8	RRX	2.2	R	<b>59.6</b>			11.4	0	\$560	5	64.4	<b>53.1</b>	53.3	61.0
Latham	L2283R2X	RRX	2.2	R	59.4			11.4	0	\$558	6	<b>64.8</b>	49.2	53.7	59.7
NK Brand	S20-T6 §	RR2Y	2.0	MR	59.3			11.2	0	\$557	7	59.6	55.6	55.6	<b>62.8</b>
Dahlman	6721XN GC	RRX	2.1	R	59.1			11.5	0	\$556	8	62.7	53.8	53.8	60.8
AgriGold	G2250RX	RRX	2.2	R	58.9			11.4	0	\$554	9	64.3	54.7	54.7	57.6
Pfister	20R23	RR2Y	2.0	R	58.6			11.5	0	\$551	10	60.7	55.6	<b>56.1</b>	59.0
Stine	20RD20 §	RR2Y	2.0	R	58.3			11.6	0	\$548	11	62.7	53.8	53.8	58.5
Champion	20R35N	RR2Y	2.0	R	58.0			11.6	0	\$545	12	64.6	49.2	49.2	60.3
Renk	RS228NX	RRX	2.2	R	58.0			11.6	0	\$545	13	<b>65.8</b>	48.4	48.4	59.9
Pioneer	P22T69R §	RR	2.2	R	57.5			11.2	0	\$541	14	55.7	57.7	57.7	59.2
AgriGold	G2105RX	RRX	2.1	R	57.4			11.4	0	\$540	15	60.9	50.6	50.6	60.6
Titan Pro	TP-21X46	RRX	2.1	R	57.4			11.5	0	\$540	16	61.8	52.6	52.6	57.7
NorthStar	NS 62002NXR2	RRX	2.0	R	57.4			11.6	0	\$540	17	60.3	51.0	51.0	61.0
LG Seeds	C2201RX	RRX	2.2	R	57.3			11.4	0	\$539	18	63.0	49.1	49.1	59.7
Renk	RS207NX	RRX	2.0	R	57.3			11.7	0	\$539	19	<b>65.8</b>	48.7	48.7	57.4
Mustang	21X127	RRX	2.1	R	57.1			11.1	0	\$537	20	63.7	55.5	55.5	52.2
Renk	RS213NR2	RR2Y	2.1	R	57.0			11.6	0	\$536	21	58.7	48.7	48.7	<b>63.7</b>
Pioneer	P22T73R §	RR	2.2	R	57.0			11.8	0	\$536	22	61.0	52.7	52.7	57.3
Stine	21RI32 §	RR2Y	2.1	R	56.8			11.5	0	\$534	23	56.7	55.1	55.1	58.6
Latham	L2084R2	RR2Y	2.0	R	56.5			11.6	0	\$531	24	56.9	56.1	<b>56.1</b>	56.6
Dyna-Gro	S21XT77	RRX	2.1	R	56.4			11.4	0	\$530	25	<b>65.6</b>	48.8	48.8	54.9
Hefty	H20X7	RRX	2.0	R	56.4			11.6	0	\$530	26	<b>65.0</b>	51.8	53.8	50.4
Champion	22R38N	RR2Y	2.2	R	56.3			11.4	0	\$529	27	57.7	<b>51.2</b>	54.0	57.2
Asgrow	AG20X7 §	RRX	2.0	R	56.2			11.4	0	\$528	28	<b>66.3</b>	<b>58.6</b>	45.9	56.3
Cornelius	CB22X73	RRX	2.2	R	56.2			11.4	0	\$528	29	60.8	47.8	51.5	56.2
NorthStar	NS 2031NR2	RR2Y	2.0	R	56.1			11.4	0	\$527	30	61.8	<b>52.6</b>	51.7	54.7
Dahlman	6820XN CK	RRX	2.0	R	51.3			11.9	0	\$482	54	55.2	43.5	43.5	55.2

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*Mark Querna*  
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LSD (0.25) = 1.7

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Previous years average yield for region, 55.4 bu/a, 15 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.40 GMO; \$9.40 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.

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Report Date: 10/25/2017

Revised:





## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPM <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPM <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer.
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 Technologies

BG	Balance <sup>™</sup> GT
LL	LibertyLink <sup>®</sup>
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity <sup>®</sup> Roundup Ready 2 Yield <sup>®</sup>
RRX	Roundup Ready 2 Xtend <sup>®</sup>
ST	Sulfonylurea herbicide tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

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

### Soybean Seed Treatments\*

?	information unavailable	EE	Evergol <sup>™</sup> Energy	None	untreated
A2020	Alert 2020 <sup>™</sup>	EL	Elevate <sup>™</sup> F+I	Pd	proTect D <sup>™</sup>
AC	Acceleron <sup>®</sup> fungicide products	ELV	Elevate <sup>™</sup> VIP (F+I+N)	Pdi	proTect D/I <sup>™</sup>
ACi	Acceleron <sup>®</sup> fungicide and insecticide products	En	Encase <sup>®</sup>	PG+	Profit Guard + <sup>™</sup>
AG	ArmourGuard <sup>™</sup>	EQV	Equity <sup>®</sup> VIP	PS	MAS Pro-Shield
AM	ApronMaxx <sup>®</sup>	Es	Escalate <sup>™</sup>	PV	Poncho <sup>®</sup> /Votivo <sup>®</sup>
ASfi	AgriShield <sup>®</sup> F+I	F	fungicide	SDPI	Servo <sup>™</sup> DPI
AVB	Avicta <sup>®</sup> Complete Beans	G	Gauch <sup>®</sup>	SFI	Stine XP fungicide & insecticide
AVBV	Avicta <sup>®</sup> Complete Beans with Vibrance <sup>®</sup>	Gr+	Great Start <sup>™</sup> Max Plus	SS	Soyshield <sup>™</sup>
CCB	Clariva <sup>™</sup> Complete Beans	I	insecticide	SS+	Soyshield Plus <sup>™</sup>
CI	Clariva <sup>™</sup> pn	IL	ILeVO <sup>®</sup>	SStd	SureStand <sup>™</sup>
CMB	CruiserMaxx <sup>®</sup> Beans	In	Intego <sup>™</sup> Solo	TE	Trius Elite <sup>™</sup>
CMBV	CruiserMaxx <sup>®</sup> Beans with Vibrance <sup>®</sup>	IS	Intego <sup>™</sup> Suite	TT	Turbo Treat <sup>™</sup>
DPHB	DPH Boost <sup>®</sup>	MAG	Maximum ArmourGuard <sup>™</sup>	W	Warden <sup>®</sup> CX
DST	Dominance <sup>™</sup> ST	Me	Mertect <sup>®</sup>	Wr	Warden <sup>®</sup> RTA
DX	Defend <sup>™</sup> Extra	Mg	Magnum ST <sup>™</sup> (standard)	YPP	YP Pro <sup>™</sup>
EcTC	Eclipse <sup>™</sup> US Total coverage	NCFI	N-Compass <sup>™</sup> Plus F/I		

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