

2017 Soybean Top 30 Performance Summary for Minnesota South Central [MNSC]



Early-Season Test

Maturity Group 1.5 - 1.8

S2017MNSCa

Top 30 of 42

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		Madison Lake		Tracy	
										\$/Acre	Rank	Nerstrand	Wabasso		
Titan Pro	TP-16X77	RRX	1.6	MR	56.8			10.9	0	\$534	1	55.3	58.1	60.5	51.8
Dyna-Gro	S17RY67	RR2Y	1.7	R	56.6			10.8	0	\$532	2	44.1	57.1	59.0	53.7
LG Seeds	C1870R2	RR2Y	1.8	R	56.6			10.9	0	\$532	3	52.2	60.1	56.9	52.9
Renk	RS168NX	RRX	1.6	R	56.6			11.0	0	\$532	4	35.2	63.4	55.8	50.7
Federal	F195NRR2Y	RR2Y	1.9	R	56.2			10.7	0	\$528	5	48.3	62.5	55.8	50.2
Latham	L1748R2	RR2Y	1.7	R	55.7			10.9	0	\$524	6		56.7	58.9	51.5
NorthStar	NS 1661NR2	RR2Y	1.6	R	55.6			9.8	0	\$523	7		61.3	51.3	54.1
Anderson	153R2Y	RR2Y	1.5	R	55.5			11.0	0	\$522	8		58.2	54.7	53.5
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	55.4			10.8	0	\$521	9		56.4	59.1	50.6
Prairie Brand	PB-1787R2	RR2Y	1.7	R	55.3			10.9	0	\$520	10		57.1	56.8	52.0
Latham	L1858R2	RR2Y	1.8	R	54.8			10.5	0	\$515	11		60.3	54.8	49.2
Dyna-Gro	S16XT58	RRX	1.6	R	54.7			10.9	0	\$514	12		56.3	54.7	53.0
Dahlman	6815XN GC	RRX	1.5	R	54.4			10.9	0	\$511	13		59.9	57.3	46.0
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	54.3			10.9	0	\$510	14		56.7	57.0	49.2
Latham	L1684R2X	RRX	1.6	R	53.9			11.0	0	\$507	15		61.3	50.3	50.1
Hefty	H16X8	RRX	1.6	R	53.9			11.1	0	\$507	16		60.4	53.1	48.1
Stine	14RD62 §	RR2Y	1.4	R	53.8			11.1	0	\$506	17		60.4	55.0	46.1
Titan Pro	TP-18R24	RR2Y	1.8	R	53.5			10.7	0	\$503	19		57.4	54.9	48.1
NorthStar	NS 1528NR2	RR2Y	1.5	R	53.4			11.0	0	\$502	20		56.3	56.0	47.8
Mustang	16X628	RRX	1.6	R	53.3			11.1	0	\$501	21		61.0	49.3	49.5
Pfister	18R201	RR2Y	1.8	R	53.2			10.7	0	\$500	22		58.2	56.7	44.7
Titan Pro	TP-18X97	RRX	1.8	MR	53.1			10.9	0	\$499	23		53.8	52.9	52.6
Proseed	PX716N	RRX	1.6	R	52.9			11.1	0	\$497	24		60.1	51.0	47.6
Asgrow	AG17X8 §	RRX	1.7	R	52.7			11.1	0	\$495	25		54.5	55.6	48.1
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	52.4			11.0	0	\$493	26		58.1	52.3	46.7
Pioneer	P18T26R2 §	RR2Y	1.8	R	52.3			10.8	0	\$492	27	42.7	56.4	54.6	46.0
Dyna-Gro	S18XT38	RRX	1.8	MR	52.2			10.9	0	\$491	28	57.3	55.6	52.5	48.4
NorthStar	NS 61633NXR2	RRX	1.6	R	52.2			11.2	0	\$491	29	46.6	59.0	52.3	45.3
Proseed	PX714N	RRX	1.4	R	52.0			11.2	0	\$489	30	40.3	55.8	49.5	50.7
Hefty	H18X8	RRX	1.8	R	51.7			10.9	0	\$486	31	49.9	52.6	52.3	50.1
Dahlman	6818XN CK	RRX	1.8	R	53.6			10.9	0	\$504	18	50.2	58.4	52.4	50.1

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

Data Rejected - Not in Summary

Mark Querna
Mark Querna

Averages =	53.1			10.9	0	\$499		46.5	57.2	53.5	48.5
LSD (0.10) =	2.6			ns	ns			n/a, 1 rep	2.9	5.2	ns
LSD (0.25) =	1.4			ns	ns			n/a, 1 rep	1.5	2.7	2.7

Previous years average yield for region, 53.2 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.

Additional reports available at www.firstseedtests.com.

©2017, all rights reserved by Elite Field Genetics, LLC

Report Date: 10/26/2017

Revised:

2017 Soybean Top 30 Performance Summary for Minnesota South Central [MNSC]



Full-Season Test

Maturity Group 1.9 - 2.2

S2017MNSCb

Top 30 of 48

For Gross Income (Sorted by Yield), (6) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Madison Lake		Tracy	
										\$/Acre	Rank	Nerstrand	Wabasso		
NorthStar	NS 62002NXR2	RRX	2.0	R	62.7			10.3	0	\$589	1	56.4	60.3	65.1	53.5
Latham	L2228R2	RR2Y	2.2	R	60.7			10.6	0	\$571	2	49.9	59.6	61.7	51.0
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	60.4			10.1	0	\$568	3	62.0	62.0	58.7	47.7
Federal	F2170NR2X	RRX	2.1	R	60.0			10.0	0	\$564	4	51.3	58.7	61.3	47.1
Dahlman	6721XN GC	RRX	2.1	R	59.3			10.2	0	\$557	5	64.5	59.5	59.1	53.4
Prairie Brand	PB-1947R2	RR2Y	1.9	R	59.3			10.3	0	\$557	6	63.3	55.4		
Prairie Brand	PB-2228R2	RR2Y	2.2	R	59.3			10.6	0	\$557	7		57.7	61.0	
Anderson	217RXT	RRX	2.1	R	58.8			10.4	0	\$553	8		60.6	56.9	
Latham	L2084R2	RR2Y	2.0	R	58.4			10.2	0	\$549	9		57.4	59.4	
Pfister	21R205	RR2Y	2.1	R	58.4			10.2	0	\$549	10		57.4	59.3	
Renk	RS195NR2	RR2Y	1.9	R	58.4			10.2	0	\$549	11		61.5	55.4	
Renk	RS213NR2	RR2Y	2.1	R	58.4			10.3	0	\$549	12		57.3	59.5	
Pfister	20R23	RR2Y	2.0	R	58.4			10.3	0	\$549	13		59.4	57.3	
Titan Pro	TP-20R25	RR2Y	2.0	R	58.4			10.4	0	\$549	14		55.8	61.0	
Asgrow	AG20X7 §	RRX	2.0	R	58.4			10.5	0	\$549	15		58.2	58.6	
Latham	L2184R2X	RRX	2.1	R	58.3			10.2	0	\$548	16		59.0	57.7	
Hefty	H22X8	RRX	2.2	R	58.3			10.5	0	\$548	17		59.9	56.8	
NK Brand	S20-J5X §	RRX	2.0	R	58.0			10.4	0	\$545	18		61.5	54.5	
Renk	RS207NX	RRX	2.0	R	57.9			10.3	0	\$544	19		55.7	60.1	
Mustang	22X228	RRX	2.2	R	57.7			10.2	0	\$542	20		55.9	59.4	
Dyna-Gro	S19RY65	RR2Y	1.9	R	57.5			10.2	0	\$541	21		58.1	57.0	
NK Brand	S21-W8X §	RRX	2.1	R	57.5			10.2	0	\$541	22		59.8	55.2	
Stine	19RF32 §	RR2Y	1.9	R	57.4			10.3	0	\$540	23		57.5	57.2	
Titan Pro	TP-21X46	RRX	2.1	R	57.2			10.0	0	\$538	24		53.7	60.7	
LG Seeds	C2201RX	RRX	2.2	R	57.2			10.2	0	\$538	25		59.0	55.3	
Latham	L2283R2X	RRX	2.2	R	57.0			10.2	0	\$536	26		56.8	57.3	
Stine	20RD20 §	RR2Y	2.0	R	56.8			10.2	0	\$534	27		57.2	56.4	
Pioneer	P22T73R §	RR	2.2	R	56.5			10.3	0	\$531	28		53.3	59.7	
Federal	F2280NR2X	RRX	2.2	R	56.5			10.3	0	\$531	29		61.4	51.7	
NorthStar	NS 1911NR2	RR2Y	1.9	R	56.4			10.1	0	\$530	30		58.7	54.2	
Dahlman	6818XN CK	RRX	1.8	R	52.9			10.2	0	\$497	48	40.7	55.6	50.1	45.7

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

Data Rejected - Not in Summary

Data Rejected - Not in Summary

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Averages =	57.0			10.3	0	\$536		55.0	57.2	56.8	48.7
LSD (0.10) =	ns			0.5	ns		n/a, 1 rep	4.6	5.4	ns	
LSD (0.25) =	1.8			0.3	ns		n/a, 1 rep	2.4	2.8	ns	

Previous years average yield for region, 53.2 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.

Additional reports available at www.firstseedtests.com. ©2017, all rights reserved by Elite Field Genetics, LLC

Report Date: 10/26/2017 Revised:

2017 Soybean - Minnesota South Central [MNSC]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Anderson	206R2Y	RR2Y	2.0	R	None
Anderson	217RXT	RRX	2.1	R	None
Asgrow	AG19X8 §	RRX	1.9	R	ACi
Asgrow	AG20X7 §	RRX	2.0	R	ACi
Dahlman	6721XN GC	RRX	2.1	R	None
Dahlman	6818XN CK	RRX	1.8	R	None
Dahlman	6820XN GC	RRX	2.0	R	None
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB
Dyna-Gro	S19RY65	RR2Y	1.9	R	EQV,Ci
Dyna-Gro	S20XT48	RRX	2.0	R	EQV,Ci
Dyna-Gro	S21XT77	RRX	2.1	R	EQV,Ci
Federal	F2080NR2X	RRX	2.0	R	None
Federal	F2170NR2X	RRX	2.1	R	None
Federal	F2280NR2X	RRX	2.2	R	None
Hefty	H20X7	RRX	2.0	R	DST
Hefty	H22X7	RRX	2.2	R	DST
Hefty	H22X8	RRX	2.2	R	DST
Latham	L2084R2	RR2Y	2.0	R	CCB,Me
Latham	L2184R2X	RRX	2.1	R	CCB,Me
Latham	L2228R2	RR2Y	2.2	R	CCB,Me
Latham	L2283R2X	RRX	2.2	R	SS+
LG Seeds	C2201RX	RRX	2.2	R	ASfi,IL
LG Seeds	C2255R2	RR2Y	2.2	R	ASfi,IL
Mustang	19726	RR2Y	1.9	R	F,I
Mustang	22X228	RRX	2.2	R	F,I
NK Brand	S20-J5X §	RRX	2.0	R	CCB,Me
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me
NK Brand	S21-W8X §	RRX	2.1	R	CCB,Me
NorthStar	NS 1911NR2	RR2Y	1.9	R	CCB
NorthStar	NS 61903NXR2	RRX	1.9	R	CCB
NorthStar	NS 62002NXR2	RRX	2.0	R	CCB
Pfister	20R23	RR2Y	2.0	R	CCB
Pfister	21R205	RR2Y	2.1	R	CCB
Pioneer	P22T73R §	RR	2.2	R	EE,G
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CMB
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CMB
Prairie Brand	PB-2228R2	RR2Y	2.2	R	CMB
Proseed	PX720N	RRX	2.0	R	CMB
Renk	RS195NR2	RR2Y	1.9	R	EcTC
Renk	RS207NX	RRX	2.0	R	EcTC
Renk	RS208NX	RRX	2.0	R	AM,IL

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Renk	RS213NR2	RR2Y	2.1	R	EcTC
Stine	19RF32 §	RR2Y	1.9	R	SFI
Stine	20RD20 §	RR2Y	2.0	R	SFI
Titan Pro	TP-20R25	RR2Y	2.0	R	IS,IL
Titan Pro	TP-20X57	RRX	2.0	MR	IS,IL
Titan Pro	TP-21X46	RRX	2.1	R	IS,IL

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] 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 [™] GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
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 [™] Energy	None	untreated
A2020	Alert 2020 [™]	EL	Elevate [™] F+I	Pd	proTect D [™]
AC	Acceleron [®] fungicide products	ELV	Elevate [™] VIP (F+I+N)	Pdi	proTect D/I [™]
ACi	Acceleron [®] fungicide and insecticide products	En	Encase [®]	PG+	Profit Guard + [™]
AG	ArmourGuard [™]	EQV	Equity [®] VIP	PS	MAS Pro-Shield
AM	ApronMaxx [®]	Es	Escalate [™]	PV	Poncho [®] /Votivo [®]
ASfi	AgriShield [®] F+I	F	fungicide	SDPI	Servo [™] DPI
AVB	Avicta [®] Complete Beans	G	Gauch [®]	SFI	Stine XP fungicide & insecticide
AVBV	Avicta [®] Complete Beans with Vibrance [®]	Gr+	Great Start [™] Max Plus	SS	Soyshield [™]
CCB	Clariva [™] Complete Beans	I	insecticide	SS+	Soyshield Plus [™]
Cl	Clariva [™] pn	IL	ILeVO [®]	SStd	SureStand [™]
CMB	CruiserMaxx [®] Beans	In	Intego [™] Solo	TE	Trius Elite [™]
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	IS	Intego [™] Suite	TT	Turbo Treat [™]
DPHB	DPH Boost [®]	MAG	Maximum ArmourGuard [™]	W	Warden [®] CX
DST	Dominance [™] ST	Me	Mertect [®]	Wr	Warden [®] RTA
DX	Defend [™] Extra	Mg	Magnum ST [™] (standard)	YPP	YP Pro [™]
EcTC	Eclipse [™] US Total coverage	NCFI	N-Compass [™] Plus F/I		

* Seed treatments may include unspecified plant health promoting components.