

2017 Soybean Top 30 Performance Summary for Minnesota Central [ MNCE ]



All-Season Test

Maturity Group 1.3 - 2.0

S2017MNCE

Top 30 of 72

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Clinton		Litchfield	
										\$/Acre	Rank	Kerkhoven	Starbuck		
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	57.3	33.5	19.0	11.9	0	\$504	1	65.4	54.7		51.7
Hefty	H20X7	RRX	2.0	R	54.3	34.1	18.8	12.5	0	\$478	2	60.5	50.5		51.9
Anderson	153R2Y	RR2Y	1.5	R	53.8	33.9	18.9	11.8	0	\$473	3	58.0	50.9		52.6
NK Brand	S14-A6 §	RR2Y	1.4	R	53.7	34.7	18.3	11.1	0	\$473	4	58.0	52.9		50.1
Thunder	3614R2YN	RR2Y	1.4	R	53.5	34.5	18.3	11.2	0	\$471	5	59.0	49.0		52.5
Asgrow	AG20X7 §	RRX	2.0	R	53.5	33.8	18.8	12.2	1	\$471	6	61.6	50.5		48.5
Hefty	H14X8	RRX	1.4	R	53.3	33.9	18.9	11.8	0	\$469	7	56.6	51.9		51.4
Titan Pro	TP-14X27	RRX	1.4	MR	53.0	34.1	18.6	12.0	0	\$466	8	56.5	47.9		54.5
Anderson	206R2Y	RR2Y	2.0	R	52.8	33.9	18.8	11.9	0	\$465	9	56.6	53.1		48.8
Anderson	185R2Y	RR2Y	1.8	R	52.7	32.8	18.9	11.9	0	\$464	10	59.4	50.1		48.6
NorthStar	NS 1528NR2	RR2Y	1.5	R	52.7	33.9	19.1	12.4	0	\$464	11	60.6	49.4		48.0
Dyna-Gro	S18XT38	RRX	1.8	MR	52.6	33.5	18.9	12.5	0	\$463	12	60.0	49.6		48.1
Peterson Seed	17X21N GC	RRX	2.1	R	52.2	34.0	18.5	12.4	1	\$459	13	55.3	53.5		47.9
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	51.4	33.8	18.5	11.9	0	\$452	14	62.1	50.4		41.8
Anderson	217RXT	RRX	2.1	R	51.4	33.7	18.9	12.3	0	\$452	15	54.5	48.4		51.2
Stine	19RF32 §	RR2Y	1.9	R	51.4	33.9	18.0	12.4	0	\$452	16	56.8	51.8		45.5
Titan Pro	TP-18X97	RRX	1.8	MR	51.4	33.9	18.7	13.3	1	\$452	17	53.1	49.6		51.5
Hefty	H16X8	RRX	1.6	R	51.2	33.7	18.8	11.2	0	\$451	18	53.6	51.8		48.2
Stine	20RD20 §	RR2Y	2.0	R	51.1	33.9	19.1	14.0	0	\$449	19	59.0	48.5		45.8
Latham	L1858R2	RR2Y	1.8	R	50.9	31.8	19.2	12.4	0	\$448	20	59.6	52.5		40.6
NK Brand	S18-G4X §	RRX	1.8	R	50.7	34.2	18.0	12.1	0	\$446	21	55.9	50.6		45.7
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	50.6	33.4	19.3	11.6	0	\$445	22	53.5	52.1		46.1
Renk	RS188NX	RRX	1.8	R	50.6	32.3	19.4	12.8	0	\$445	23	52.3	51.1		48.3
Proseed	PX714N	RRX	1.4	R	50.4	33.8	18.6	11.5	0	\$444	24	50.3	50.4		50.4
Federal	F2170NR2X	RRX	2.1	R	50.4	33.3	19.1	12.6	0	\$444	25	57.0	45.8		48.3
Asgrow	AG17X8 §	RRX	1.7	R	50.3	33.7	18.8	11.6	0	\$443	26	59.4	47.1		44.5
Hefty	H18X8	RRX	1.8	R	50.1	33.1	19.0	12.8	0	\$441	27	59.1	44.0		47.1
Thunder	SB8818N	RRX	1.8	R	50.1	33.9	18.7	13.4	0	\$440	28	48.2	49.6		52.5
Stine	13RI32 §	RR2Y	1.3	R	50.0	35.2	17.7	11.1	0	\$440	29	59.6	45.3		45.1
Prairie Brand	PB-1787R2	RR2Y	1.7	R	50.0	33.2	19.0	11.8	0	\$440	30	57.4	55.5		37.1
Averages =					48.3	33.7	18.7	12.1	0	\$425		55.0	47.7	0.0	42.3
LSD (0.10) =					6.4	0.7	0.4	1.0	1			4.9	6.3	0.0	10.7
LSD (0.25) =					3.4	0.4	0.2	0.5	1			2.6	3.3	0.0	5.6

Test Lost to Hail Damage

ed.dahle@firstseedtests.com, (507) 456-6624 Previous years average yield for region, 52.6 bu/a, 14 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.80 GMO; \$8.80 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: 10/24/2017 Revised: 12/2/2017 Protein and oil content results added



## 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>
Cl	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.