

2016 Soybean Top 30 Performance Summary for Minnesota Central [ MNCE ]



All-Season Test

Maturity Group 1.3 - 2.0

S2016MNCE

Top 30 of 72

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Clinton	Kerkhoven	Litchfield	Starbuck
Hefty	H20X7	RRX	2.0	MR	DST	<b>67.8</b>	34.4	18.8	14.2	1	\$595	67.7	43.7	<b>60.9</b>	<b>74.9</b>
Latham	L1858R2	RR2Y	1.8	R	CCB,Me	<b>65.7</b>	34.0	18.6	14.0	3	\$577	69.7	28.6	<b>65.5</b>	61.8
Mustang	19726	RR2Y	1.9	R	NCFI	<b>63.2</b>	33.6	18.8	14.0	1	\$555	66.6	24.7	57.3	<b>65.8</b>
NorthStar	NS 1911NR2	RR2Y	1.9	R	CMBV	62.6	34.1	18.8	14.0	3	\$550	69.4	20.6	55.4	62.9
Stine	13RI32 §	RR2Y	1.3	R	SFI	62.6	34.1	18.8	14.5	2	\$549	<b>72.5</b>	29.2	54.0	61.4
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB	61.9	33.9	18.7	14.0	1	\$543	64.6	15.5	58.5	62.5
Titan Pro	TP-18R24	RR2Y	1.8	R	IS	61.9	33.6	18.9	14.5	1	\$543	64.5	40.5	58.7	62.5
Asgrow	AG1435 §	RR2Y	1.4	R	ACi	61.4	<b>34.6</b>	18.9	14.4	0	\$539	66.3	40.3	57.8	60.1
Anderson	206R2Y	RR2Y	2.0	R	None	61.3	34.1	18.8	14.5	2	\$538	64.6	21.1	55.0	<b>64.2</b>
Renk	RS153NR2	RR2Y	1.5	R	CMBV	61.2	33.9	<b>19.4</b>	14.5	1	\$537	66.0	40.7	57.4	60.2
Latham	L1438R2	RR2Y	1.4	R	CCB,Me	61.0	33.3	<b>19.3</b>	14.3	0	\$535	66.2	29.4	56.1	60.6
Anderson	217RXT	RRX	2.1	R	ACi	60.9	34.3	18.7	14.0	2	\$535	<b>72.4</b>	20.9	54.4	55.9
Pfister	19R24	RR2Y	1.9	R	CCB	60.9	34.4	18.8	14.6	2	\$534	59.8	29.2	56.0	<b>66.8</b>
Renk	RS147NR2	RR2Y	1.4	R	CMBV	60.9	33.4	<b>19.2</b>	14.6	2	\$534	66.0	40.2	59.2	57.6
Mustang	13327	RR2Y	1.3	R	ACi	60.8	33.2	<b>19.4</b>	14.5	1	\$533	65.0	20.3	59.1	58.3
Pfister	18R201	RR2Y	1.8	R	CCB	60.6	33.7	18.7	13.9	1	\$532	68.9	21.0	58.1	54.7
Titan Pro	TP-20R25	RR2Y	2.0	R	IS	60.5	33.9	18.9	14.5	1	\$531	63.8	40.3	59.0	58.8
Federal	F2170NR2X	RRX	2.1	R	None	60.3	34.3	18.8	13.9	3	\$530	65.6	40.1	54.0	61.3
Pioneer	P18T26R2 §	RR2Y	1.8	R	None	60.3	32.9	<b>19.6</b>	14.2	1	\$529	63.7	10.2	59.3	58.0
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In	60.2	33.7	18.7	14.6	1	\$528	67.4	30.0	56.5	56.7
Stine	14RD62 §	RR2Y	1.4	R	SFI	60.2	33.8	<b>19.4</b>	14.6	3	\$528	67.6	30.2	56.9	56.1
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In	60.1	33.9	18.6	14.0	0	\$528	62.3	10.6	58.0	60.0
Federal	F185NRR2Y	RR2Y	1.8	R	None	60.1	33.5	18.8	14.3	2	\$527	66.4	30.5	54.3	59.6
Renk	RS187NR2	RR2Y	1.8	R	CMB	59.9	33.4	19.0	14.2	2	\$526	66.0	30.6	<b>60.5</b>	53.3
Federal	F205NRR2Y	RR2Y	2.0	R	None	59.9	34.2	18.4	14.6	2	\$525	61.3	15.3	56.3	62.0
Dyna-Gro	S17RY06	RR2Y	1.7	MR	CCB	59.7	33.6	<b>19.3</b>	14.5	4	\$524	62.4	40.6	55.1	61.6
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	59.7	34.3	18.7	14.4	5	\$524	68.1	41.1	52.4	58.5
Pfister	14R203	RR2Y	1.4	R	CCB	59.6	33.5	<b>19.2</b>	14.7	1	\$522	67.0	27.4	55.7	56.2
Renk	RS195NR2	RR2Y	1.9	R	CMBV	59.5	33.7	18.9	13.8	2	\$523	63.4	14.1	55.4	59.7
NK Brand	S17-B3 §	RR2Y	1.7	R	CCB,Me	59.5	34.0	18.9	14.6	3	\$522	61.2	21.0	<b>60.7</b>	56.7

Data Rejected - Not in Summary

Averages =	<b>58.5</b>	<b>34.0</b>	<b>18.9</b>	<b>14.4</b>	<b>2</b>	<b>\$513</b>	<b>63.6</b>	<b>31.4</b>	<b>54.8</b>	<b>57.1</b>
LSD (0.10) =	4.5	0.6	0.3	0.2	3		6.6	16.6	5.6	6.5
LSD (0.25) =	3.2	0.4	0.2	0.2	2		4.6	11.6	3.9	4.5

Previous years average yield for region, 53.9 bu/a, 13 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: 10/17/2016 Revised: 11/18/2016 Protein and oil content results added

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All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Anderson	153R2Y	RR2Y	1.5	R	None
Anderson	167RXT	RRX	1.6	R	None
Anderson	185R2Y	RR2Y	1.8	R	None
Anderson	187RXT	RRX	1.8	R	None
Anderson	206R2Y	RR2Y	2.0	R	None
Anderson	217RXT	RRX	2.1	R	ACi
Asgrow	AG1435 §	RR2Y	1.4	R	ACi
Asgrow	AG1935 §	RR2Y	1.9	R	ACi
Asgrow	AG2035 §	RR2Y	2.0	R	ACi
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB
Dyna-Gro	S14RY95	RR2Y	1.4	R	CCB
Dyna-Gro	S17RY06	RR2Y	1.7	MR	CCB
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB
Federal	F185NRR2Y	RR2Y	1.8	R	None
Federal	F205NRR2Y	RR2Y	2.0	R	None
Federal	F2170NR2X	RRX	2.1	R	None
Hefty	H13X7	RRX	1.3	MR	DST
Hefty	H16X7	RRX	1.6	MR	DST
Hefty	H17X7	RRX	1.7	MR	AM
Hefty	H18X7	RRX	1.8	MR	DST
Hefty	H20X7	RRX	2.0	MR	DST
Latham	L1438R2	RR2Y	1.4	R	CCB,Me
Latham	L1538R2	RR2Y	1.5	R	CCB,Me
Latham	L1673R2	RR2Y	1.6	S	SS+
Latham	L1759R2X	RRX	1.7	R	CCB,Me
Latham	L1858R2	RR2Y	1.8	R	CCB,Me
Latham	L1882R2	RR2Y	1.8	R	CCB,Me
Latham	L2048R2X	RRX	2.0	R	SS+
Latham	L2084R2	RR2Y	2.0	R	CCB,Me
LG Seeds	C1428R2	RR2Y	1.4	R	CCB
Mustang	13327	RR2Y	1.3	R	ACi
Mustang	13X927	RRX	1.3	R	ACi
Mustang	17X726	RRX	1.7	R	ACi
Mustang	19726	RR2Y	1.9	R	NCFI
NK Brand	S17-B3 §	RR2Y	1.7	R	CCB,Me
NK Brand	S19-B2 §	RR2Y	1.9	R	CCB,Me
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me
NorthStar	NS 1390NR2	RR2Y	1.3	R	CMBV
NorthStar	NS 1528NR2	RR2Y	1.5	R	None
NorthStar	NS 1661NR2	RR2Y	1.6	R	CMBV

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
NorthStar	NS 1776NR2	RR2Y	1.7	R	CMBV
NorthStar	NS 1911NR2	RR2Y	1.9	R	CMBV
NorthStar	NS 1916NR2	RR2Y	2.0	R	CMBV
NorthStar	NS 61882NXR2	RRX	1.8	R	CMBV
Pfister	14R203	RR2Y	1.4	R	CCB
Pfister	18R201	RR2Y	1.8	R	CCB
Pfister	19R24	RR2Y	1.9	R	CCB
Pioneer	P15T46R2 §	RR2Y	1.5	R	None
Pioneer	P18T26R2 §	RR2Y	1.8	R	None
Prairie Brand	PB-1376R2	RR2Y	1.3	R	CCB,In
Prairie Brand	PB-1466R2	RR2Y	1.4	R	CCB,In
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In
Renk	RS137NX	RRX	1.3	R	CMBV
Renk	RS147NR2	RR2Y	1.4	R	CMBV
Renk	RS153NR2	RR2Y	1.5	R	CMBV
Renk	RS177NX	RRX	1.8	R	CMBV
Renk	RS187NR2	RR2Y	1.8	R	CMB
Renk	RS195NR2	RR2Y	1.9	R	CMBV
Stine	13RI32 §	RR2Y	1.3	R	SFI
Stine	14RD62 §	RR2Y	1.4	R	SFI
Stine	20RD20 §	RR2Y	2.0	R	SFI
Thunder	3614R2YN	RR2Y	1.4	R	CMB
Thunder	3619R2YN	RR2Y	1.9	R	CMB
Titan Pro	TP-16X36	RRX	1.6	R	None
Titan Pro	TP-17X26	RRX	1.7	R	None
Titan Pro	TP-18R24	RR2Y	1.8	R	IS
Titan Pro	TP-19X06	RRX	1.9	R	IS
Titan Pro	TP-20R25	RR2Y	2.0	R	IS

## 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. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® 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

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

### Soybean Cyst Nematode (SCN) Resistance Rating

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

### Soybean Seed Treatments\*

?	Information not provided	DST	Dominance™ ST	Mg	Magnum ST™ (standard)
AC	Acceleron® fungicide products	DX	Defend™ Extra	NCFI	N-Compass™ Plus F/I
ACi	Acceleron® fungicide and insecticide products	EE	Evergol™ Energy	None	untreated
AG	ArmourGuard™	En	Encase®	PV	Poncho®/Votivo®
AM	ApronMaxx®	G	Gaucho®	SDPI	Servo™ DPI
AVB	Avicta® Complete Beans	Gr+	Great Start™ Max Plus	SFI	Stine XP fungicide & insecticide
CCB	Clariva™ Complete Beans	IL	ILeVO®	SS	Soyshield™
CI	Clariva™ pn	In	Intego™ Solo	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	IS	Intego™ Suite	SStd	SureStand™
CMBV	CruiserMaxx® Beans with Vibrance	MAG	Maximum ArmourGuard™	TE	Trius™ Elite
DPHB	DPH Boost®	Me	Mertect®	WCX	Warden® CX

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