

2016 Soybean Top 30 Performance Summary for Minnesota South [MNSO]



Early-Season Test

Maturity Group 1.6 - 2.0

S2016MNSOa

Top 30 of 42

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Easton	Jeffers	Kasson	New Richland
Cornelius	CB19R71	RR2Y	1.9	R	CMBV,IL	73.1	34.1	18.9	13.5	0	\$639	76.3	69.8	73.5	72.7
Asgrow	AG1636 §	RR2Y	1.6	R	ACi	72.4	34.8	18.7	14.0	0	\$632	78.1	71.8	66.2	73.4
Pfister	18R201	RR2Y	1.8	R	CCB	71.1	34.5	18.9	13.5	0	\$621	77.6	71.4	64.7	70.6
Stine	19RF32 §	RR2Y	1.9	R	SFI	71.0	34.2	18.9	13.5	0	\$621	79.6	67.4	63.0	73.8
NorthStar	NS 1911NR2	RR2Y	1.9	R	CMBV	70.9	34.3	18.7	13.4	0	\$620	82.5	70.2	54.8	75.9
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In	70.2	34.9	18.4	14.2	0	\$613	82.5	70.5	60.6	67.1
LG Seeds	C1870R2	RR2Y	1.8	R	CCB	70.1	34.3	18.6	13.9	0	\$612	78.9	67.6	59.0	75.0
Pfister	19R24	RR2Y	1.9	R	CCB	70.1	34.6	18.7	13.9	0	\$612	77.1	67.2	67.2	68.7
Dyna-Gro	S17RY67	RR2Y	1.7	R	CCB	69.5	34.7	18.9	13.9	0	\$607	73.7	64.9	70.9	68.4
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB	69.4	34.6	18.6	13.6	0	\$606	76.3	68.3	59.8	73.2
Mustang	19726	RR2Y	1.9	R	NCFI	69.3	34.0	18.6	13.7	0	\$605	75.0	69.7	56.7	75.6
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In	69.2	34.8	18.9	13.8	0	\$604	77.5	64.2	65.5	69.5
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	69.0	34.4	18.9	13.6	0	\$603	72.4	69.1	66.1	68.5
Latham	E1748R2	RR2Y	1.7	R	CCB,Me	68.7	34.7	19.0	13.7	0	\$600	73.2	66.9	66.5	68.3
Latham	L1858R2	RR2Y	1.8	R	CCB,Me	68.4	34.5	18.7	13.6	0	\$598	75.4	67.6	56.4	74.1
NorthStar	NS 1661NR2	RR2Y	1.6	R	CMBV	68.3	35.2	18.8	14.0	0	\$596	73.2	69.0	62.4	68.4
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In	68.1	34.5	18.7	13.5	0	\$595	78.0	66.7	55.8	72.0
Anderson	167RXT	RRX	1.6	R	None	67.6	35.0	18.6	13.6	0	\$591	75.3	60.5	68.2	66.2
Mustang	17X726	RRX	1.7	R	ACi	67.6	34.7	18.0	13.6	0	\$591	75.5	59.4	65.3	70.3
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	67.6	35.1	18.5	14.0	0	\$590	74.9	69.8	58.4	67.4
Stine	17RH03 §	RR2Y	1.7	S	SFI	67.0	35.3	18.4	13.9	0	\$585	75.3	64.2	61.7	66.8
Hefty	H18X7	RRX	1.8	MR	DST	67.0	35.4	18.1	13.9	0	\$585	73.8	60.2	66.9	66.9
Renk	RS195NR2	RR2Y	1.9	R	CMBV	66.8	34.3	18.7	13.9	0	\$583	75.8	65.5	52.5	73.2
Latham	L1759R2X	RRX	1.7	R	CCB,Me	66.0	35.1	18.3	13.6	0	\$577	74.9	56.7	68.3	64.2
Anderson	187RXT	RRX	1.8	R	None	65.8	35.6	18.1	14.0	0	\$574	71.5	62.9	60.1	68.7
Hefty	H17X7	RRX	1.7	MR	AM	65.5	35.0	18.6	13.7	0	\$572	74.3	64.6	57.0	66.1
Prairie Brand	PB-1822R2	RR2Y	1.8	R	CCB,In	65.3	34.1	18.7	13.7	0	\$570	75.9	67.2	50.3	67.9
Cornelius	CB18X97	RRX	1.8	R	ACi	65.0	34.7	18.6	13.6	0	\$568	75.6	65.0	50.6	68.7
Titan Pro	TP-17X26	RRX	1.7	R	None	65.0	35.1	18.3	13.7	0	\$568	65.9	63.7	64.3	66.2
NK Brand	S14-A6 §	RR2Y	1.4	MR	CCB,Me	64.8	35.0	18.8	14.1	0	\$566	72.6	64.4	54.5	67.7
Dahlman	5721NRR2Y CK	RR2Y	2.1	R	None	66.6	35.2	18.6	14.2	0	\$581	72.7	66.5	59.9	67.1

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Averages =	66.9	34.8	18.6	13.8	0	\$584	74.4	65.5	58.5	69.0
LSD (0.10) =	5.6	0.5	0.3	0.4	ns		6.6	3.9	9.0	3.9
LSD (0.25) =	3.9	0.4	0.2	0.3	ns		4.6	2.7	6.3	2.7

Previous years average yield for region, 55.6 bu/a, 14 yrs

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.020

Prices = \$8.75 GMO; \$8.75 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: 10/15/2016

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Protein and oil content results added

2016 Soybean Top 30 Performance Summary for Minnesota South [MNSO]

Full-Season Test

Maturity Group 2.1 - 2.3

S2016MNSOB

Top 30 of 45

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Easton	Jeffers	Kasson	New Richland
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV	72.8	35.3	18.5	12.5	0	\$637	81.6	68.8	67.3	73.3
LG Seeds	C2126RX	RRX	2.1	R	CCB	72.6	35.5	18.3	12.6	0	\$635	80.8	68.2	69.4	71.9
Titan Pro	TP-21X46	RRX	2.1	R	None	71.8	35.5	18.2	12.5	0	\$628	72.6	69.5	74.0	70.9
Federal	F2170NR2X	RRX	2.1	R	None	71.8	35.1	18.5	12.6	0	\$628	75.4	70.0	67.7	74.2
Renk	RS207NX	RRX	2.0	R	CMBV	71.2	35.1	18.4	12.6	0	\$623	78.1	69.7	65.4	71.6
Anderson	217RXT	RRX	2.1	R	ACi	71.0	35.7	18.1	12.7	0	\$621	79.9	68.2	65.6	70.2
Dyna-Gro	S21XT77	RRX	2.1	R	ACi	70.8	34.7	18.6	12.6	0	\$620	78.6	70.7	58.8	75.2
Latham	L2184R2X	RRX	2.1	R	SS	70.4	35.4	18.3	12.8	0	\$616	83.6	68.0	54.6	75.2
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	69.9	33.6	19.1	12.9	0	\$612	71.7	66.7	69.3	71.7
Viking	2055R2N	RR2Y	2.0	R	CMBV	69.3	34.7	18.5	13.2	0	\$606	77.1	66.9	64.2	68.8
Pfister	21R205	RR2Y	2.1	R	CCB	68.9	34.3	18.7	12.5	0	\$603	72.0	67.2	69.5	66.7
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL	68.9	34.2	18.3	12.6	0	\$603	72.3	65.5	73.8	64.1
Cornelius	CB21X22	RRX	2.1	R	ACi	68.8	35.7	18.2	12.9	0	\$602	77.2	71.0	54.5	72.5
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CCB,In	68.7	34.1	18.8	12.7	0	\$601	79.9	65.8	64.8	64.2
Mustang	21X127	RRX	2.1	R	ACi	68.3	35.4	18.1	12.7	0	\$598	72.7	68.0	61.3	71.0
Hefty	H21X6	RRX	2.1	MR	DST	68.3	35.4	17.7	13.0	0	\$598	73.1	59.6	69.4	71.2
NK Brand	S22-S1 \$	RR2Y	2.2	R	CCB,Me	68.2	34.8	18.3	12.6	0	\$597	75.7	66.5	61.5	69.2
Hefty	H20X7	RRX	2.0	MR	DST	67.9	35.7	18.1	12.6	0	\$594	76.6	68.4	56.0	70.7
LG Seeds	C2255R2	RR2Y	2.2	R	CCB	67.9	34.4	18.7	12.6	0	\$594	74.0	64.0	66.1	67.4
Asgrow	AG2035 \$	RR2Y	2.0	R	ACi	67.8	35.8	18.5	12.9	0	\$593	72.0	69.3	62.6	67.3
Federal	F226NRR2Y	RR2Y	2.2	R	None	67.8	34.2	18.7	12.7	0	\$593	69.6	69.2	63.7	68.5
Pioneer	P22T69R \$	RR	2.2	R	None	67.7	34.3	19.3	12.5	0	\$592	69.5	65.8	67.7	67.8
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	67.4	34.9	18.8	13.0	0	\$590	77.2	65.1	62.4	64.9
Latham	L2084R2	RR2Y	2.0	R	CCB,Me	67.0	35.4	18.4	12.9	0	\$586	73.0	66.8	60.0	68.2
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In	66.5	34.8	18.8	13.0	0	\$582	72.1	66.6	56.9	70.2
Renk	RS213NR2	RR2Y	2.1	R	CMBV	66.3	35.1	18.8	13.2	0	\$580	73.5	68.0	57.8	65.7
Pioneer	P22T73R \$	RR	2.2	R	EE,G	66.2	34.0	19.3	12.8	0	\$579	78.6	64.8	52.4	69.0
Pfister	21R201	RR2Y	2.1	R	CCB	66.2	35.0	18.6	12.9	0	\$579	66.5	66.6	63.9	67.9
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	66.2	33.7	18.3	12.9	0	\$579	74.0	65.4	62.0	63.2
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	66.0	34.8	18.7	12.9	0	\$578	75.2	62.1	60.7	65.8
Dahlman	5721NRR2Y CK	RR2Y	2.1	R	None	66.1	35.3	18.7	12.9	0	\$578	70.1	64.5	65.0	64.6

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Averages =	67.4	34.9	18.4	12.8	0	\$589	73.6	66.6	60.6	68.7
LSD (0.10) =	4.7	0.6	0.3	0.4	ns		6.8	3.1	12.9	3.9
LSD (0.25) =	3.3	0.4	0.2	0.3	ns		4.7	2.2	9.0	2.7

Previous years average yield for region, 55.6 bu/a, 14 yrs

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Protein and oil content results added

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Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Anderson	167RXT	RRX	1.6	R	None
Anderson	185R2Y	RR2Y	1.8	R	None
Anderson	187RXT	RRX	1.8	R	None
Asgrow	AG1636 §	RR2Y	1.6	R	ACi
Asgrow	AG1935 §	RR2Y	1.9	R	ACi
Cornelius	CB18X97	RRX	1.8	R	ACi
Cornelius	CB19R71	RR2Y	1.9	R	CMBV,IL
Dahlman	5721NRR2Y CK	RR2Y	2.1	R	None
Dairyland	DSR-1721/R2Y	RR2Y	1.7	R	CMB
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB
Dyna-Gro	S17RY67	RR2Y	1.7	R	CCB
Dyna-Gro	S19RY65	RR2Y	1.9	R	CCB
Hefty	H16X7	RRX	1.6	MR	DST
Hefty	H17X7	RRX	1.7	MR	AM
Hefty	H18X7	RRX	1.8	MR	DST
Latham	E1748R2	RR2Y	1.7	R	CCB,Me
Latham	L1759R2X	RRX	1.7	R	CCB,Me
Latham	L1858R2	RR2Y	1.8	R	CCB,Me
Latham	L1882R2	RR2Y	1.8	R	CCB,Me
LG Seeds	C1870R2	RR2Y	1.8	R	CCB
Mustang	17X726	RRX	1.7	R	ACi
Mustang	18X827	RRX	1.8	R	ACi
Mustang	19726	RR2Y	1.9	R	NCFI
NK Brand	S14-A6 §	RR2Y	1.4	MR	CCB,Me
NorthStar	NS 1661NR2	RR2Y	1.6	R	CMBV
NorthStar	NS 1776NR2	RR2Y	1.7	R	CMBV
NorthStar	NS 1911NR2	RR2Y	1.9	R	CMBV
NorthStar	NS 61882NXR2	RRX	1.8	R	CMBV
Pfister	18R201	RR2Y	1.8	R	CCB
Pfister	19R24	RR2Y	1.9	R	CCB
Prairie Brand	PB-1787R2	RR2Y	1.7	R	CCB,In
Prairie Brand	PB-1822R2	RR2Y	1.8	R	CCB,In
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In
Prairie Brand	PB-1956R2	RR2Y	1.9	R	CCB,In
Renk	RS177NX	RRX	1.8	R	CMBV
Renk	RS195NR2	RR2Y	1.9	R	CMBV
Stine	17RH03 §	RR2Y	1.7	S	SFI
Stine	19RF32 §	RR2Y	1.9	R	SFI
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

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Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Anderson	206R2Y	RR2Y	2.0	R	None
Anderson	217RXT	RRX	2.1	R	ACi
Asgrow	AG2035 §	RR2Y	2.0	R	ACi
Cornelius	CB20R44	RR2Y	2.0	R	CMBV,IL
Cornelius	CB21X22	RRX	2.1	R	ACi
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL
Dahlman	5721NRR2Y CK	RR2Y	2.1	R	None
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB
Dyna-Gro	S20RY45	RR2Y	2.0	R	CCB
Dyna-Gro	S21XT77	RRX	2.1	R	ACi
Federal	F2170NR2X	RRX	2.1	R	None
Federal	F226NRR2Y	RR2Y	2.2	R	None
Hefty	H20X7	RRX	2.0	MR	DST
Hefty	H21X6	RRX	2.1	MR	DST
Hefty	H23X7	RRX	2.3	S	DST
Latham	L2084R2	RR2Y	2.0	R	CCB,Me
Latham	L2128R2	RR2Y	2.1	R	CCB,Me
Latham	L2184R2X	RRX	2.1	R	SS
Latham	L2228R2	RR2Y	2.2	R	CCB,Me
LG Seeds	C2126RX	RRX	2.1	R	CCB
LG Seeds	C2255R2	RR2Y	2.2	R	CCB
Mustang	21X127	RRX	2.1	R	ACi
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me
NorthStar	NS 2111NR2	RR2Y	2.1	R	CMBV
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV
NorthStar	NS 62332NXR2	RRX	2.3	R	CMBV
Pfister	21R201	RR2Y	2.1	R	CCB
Pfister	21R205	RR2Y	2.1	R	CCB
Pioneer	P22T69R §	RR	2.2	R	None
Pioneer	P22T73R §	RR	2.2	R	EE,G
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CCB,In
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In
Renk	RS207NX	RRX	2.0	R	CMBV
Renk	RS213NR2	RR2Y	2.1	R	CMBV
Stine	20RD20 §	RR2Y	2.0	R	SFI
Titan Pro	TP-20R25	RR2Y	2.0	R	IS

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Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers' PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmaxx® 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.