

2012 BETTER VARIETIES Harvest Report for Minnesota South Central [MNSC]

Brian Hicks, Lyon County, MN 56175 [TRACY]

EARLY SEASON TEST
1.5 - 1.8 MAT. GROUP

PREV. CROP/HERB: Corn / Harness, Glyphosate, Callisto
 SOIL DESCRIPTION: Canisteo-Letri silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 5.7% OM, medium SCN
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Authority, Glyphosate (twice)
 SEEDING - RATE: May 14 140,000 /A
 HARVESTED - STAND: Sep 27 125,000 /A

S2MNSC07a

30" ROW SPACING

 TOP 30 for **YIELD** of **42** TESTED
 AVERAGE of **(3)** REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
Anderson	184R2Y	RR2Y	1.8	R	None	59.8	8.4	0	123.4	\$897	
Renk	RS183NR2	RR2Y	1.8	R	None	57.3	8.2	0	128.2	\$860	
Dyna-Gro	S15RY53	RR2Y	1.5	R	Ac	57.2	8.1	0	124.9	\$858	
Renk	RS172NR2	RR2Y	1.7	R	None	56.9	8.2	0	125.4	\$854	
Viking	1707R2N	RR2Y	1.7	R	Ac	56.6	8.1	0	126.3	\$849	
Anderson	163R2Y	RR2Y	1.6	R	None	56.1	8.2	0	121.0	\$842	
Anderson	153R2Y	RR2Y	1.5	R	None	55.3	8.2	0	123.0	\$830	
Viking	1522R2N	RR2Y	1.5	R	None	55.3	8.2	0	127.3	\$830	
Wensman	W 3160NR2	RR2Y	1.6	R	Ac	55.2	8.2	0	127.3	\$828	
NorthStar	NS 1726NR2	RR2Y	1.7	R	Ac	54.5	8.2	0	126.3	\$818	
Titan Pro	18M10	RR2Y	1.8	R	CMB	54.4	8.3	0	124.9	\$816	
Dairyland	DSR-1710R2Y	RR2Y	1.7	R	CMB	54.3	8.1	0	129.2	\$815	
NK Brand	S17-G8 §	RR2Y	1.7	R	CMB	54.2	8.3	0	124.4	\$813	
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	53.5	8.4	0	124.4	\$803	
Trelay	15RR51	RR2Y	1.5	R	Ac,Ex	53.2	8.0	0	125.9	\$798	
Gold Country	1741	RR2Y	1.7	R	Ac	53.2	8.1	0	123.4	\$798	
Asgrow	AG1832 §	RR2Y	1.8	MR	Ac,PV	53.0	8.3	0	123.9	\$795	
Latham	L1886R2	RR2Y	1.8	R	SS+	52.7	8.2	0	123.9	\$791	
Hefty	H18Y12	RR2Y	1.8	MR	I	52.7	8.4	0	128.3	\$791	
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMB	52.7	8.4	0	125.4	\$791	
LG Seeds	C1780R2	RR2Y	1.7	R	Ac	52.5	8.1	0	126.8	\$788	
Stine	16RA02 §	RR2Y	1.6	R	None	52.4	8.2	0	123.9	\$786	
Hefty	H17Y12	RR2Y	1.7	MR	I	52.1	8.3	0	124.4	\$782	
Prairie Brand	PB-1566R2	RR2Y	1.5	R	CMB	51.7	8.1	0	122.5	\$776	
Gold Country	1541	RR2Y	1.5	R	Ac	51.6	8.2	0	126.8	\$774	
Renk	RS153NR2	RR2Y	1.5	R	None	51.5	8.3	0	125.4	\$773	
Prairie Brand	PB-1743R2	RR2Y	1.7	R	CMB	51.1	8.1	0	121.5	\$767	
Hefty	H16Y11	RR2Y	1.6	MR	I	51.0	8.1	0	126.8	\$765	
Kruger	K2-1501	RR2Y	1.5	R	Ac,PV	50.9	8.3	0	125.8	\$764	
Dyna-Gro	S18RY33	RR2Y	1.8	R	Ac	50.3	8.3	0	127.8	\$755	
Anderson	162R2Y CK	RR2Y	1.6	R	None	54.1	8.2	0	119.1	\$812	
						Test Average =	51.9	8.2	0	125.0	\$779
						LSD (0.10) =	4.7	0.3	ns		
						C.V. =	6.6	2.3			


 F.I.R.S.T. Manager

TEST COMMENTS: *May was a rainy month, which charged the soil profile for the dry months of July and August. Just enough light rains fell here to allow soybeans to fill pods. Pest pressure was low, and plant height was above average.*

Lat: 44.327175, Long: -95.530394

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$15.00

† See last page for Product/Brand, Technology and Seed Treatment information.
 → Identifies the check brand included in early- and full-season tests. Results in **bold** are significantly above test average.
GC = grower comparison product, **§** = United Soybean Board entry; **ns** = not significantly different

2012 BETTER VARIETIES Harvest Report for Minnesota South Central [MNSC]

Brian Hicks, Lyon County, MN 56175 [TRACY]

FULL SEASON TEST
1.9 - 2.2 MAT. GROUP

PREV. CROP/HERB: Corn / Harness, Glyphosate, Callisto
 SOIL DESCRIPTION: Canisteo-Letri silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 5.7% OM, medium SCN
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Authority, Glyphosate (twice)
 SEEDING - RATE: May 14 140,000 /A
 HARVESTED - STAND: Sep 27 124,100 /A

S2MNSC07b

30" ROW SPACING

 TOP 30 for **YIELD** of **54** TESTED
 AVERAGE of **(3)** REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
Stine	19RA02 §	RR2Y	1.9	R	CMB	66.3	9.5	0	126.3	\$995	
Prairie Brand	PB-2143R2	RR2Y	2.0	R	CMB	58.9	9.0	0	125.8	\$884	
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	58.7	8.4	0	129.7	\$881	
Latham	L2253R2	RR2Y	2.2	S	CMB	58.6	8.6	0	122.5	\$879	
Trelay	21RR37	RR2Y	2.1	MR	Ac,Ex	58.3	8.7	0	126.8	\$875	
Latham	L1985R2	RR2Y	1.9	R	CMB	58.1	8.3	0	124.4	\$872	
NorthStar	NS 1916NR2	RR2Y	1.9	R	Ac	57.9	8.1	0	120.5	\$869	
Latham	L2148R2	RR2Y	2.1	R	CMB	57.8	8.5	0	123.9	\$867	
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	57.6	8.4	0	118.1	\$864	
Dyna-Gro	31RY20	RR2Y	2.0	R	Ac	56.3	8.6	0	124.4	\$845	
Channel	1901R2	RR2Y	1.9	R	Ac,PV	56.1	8.4	0	128.8	\$842	
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	56.1	8.6	0	124.4	\$842	
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	56.1	8.9	0	129.2	\$842	
Wensman	W 3210NR2	RR2Y	2.1	R	Ac	56.0	8.6	0	127.3	\$840	
Latham	L2086R2	RR2Y	2.0	R	SS+	55.6	8.3	0	122.9	\$834	
Latham	L2183R2	RR2Y	2.1	R	CMB	55.6	9.0	0	127.3	\$834	
Stine	20RC32 §	RR2Y	2.0	R	CMB	55.4	8.4	0	127.3	\$831	
Titan Pro	20M1	RR2Y	2.0	R	Am	55.1	8.3	0	125.4	\$827	
Hefty	H21R3	RR2Y	2.1	S	I	55.0	8.8	0	122.5	\$825	
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	54.8	8.3	0	119.6	\$822	
Wensman	W 3200NR2	RR2Y	2.0	R	Ac	54.7	8.5	0	123.9	\$821	
Titan Pro	19M42	RR2Y	1.9	R	CMB	54.5	8.4	0	125.8	\$818	
LG Seeds	C1917R2	RR2Y	1.9	R	Ac	54.4	8.4	0	123.9	\$816	
NK Brand	S20-Y2 §	RR2Y	2.0	R	CMB	54.3	8.3	0	125.4	\$815	
Latham	L2084R2	RR2Y	2.0	R	CMB	54.2	8.5	0	123.9	\$813	
Viking	2000R2N	RR2Y	2.0	R	Ac	54.1	8.5	0	124.9	\$812	
Mustang	M-20823	RR2Y	2.0	R	Ac	53.7	8.3	0	126.8	\$806	
Hefty	H22Y12	RR2Y	2.2	MR	I	53.4	8.5	0	124.9	\$801	
Kruger	K2-2002	RR2Y	2.0	R	Ac,PV	53.2	8.7	0	120.5	\$798	
Channel	2200R2	RR2Y	2.2	R	Ac,PV	53.1	8.9	0	120.5	\$797	
Anderson	162R2Y CK	RR2Y	1.6	R	None	52.9	8.3	0	122.9	\$794	
						Test Average =	53.9	8.5	0	124.1	\$809
						LSD (0.10) =	4.8	0.3	ns		
						C.V. =	6.5	3.0			


 F.I.R.S.T. Manager

TEST COMMENTS: May was a rainy month, which charged the soil profile for the dry months of July and August. Just enough light rains fell here to allow soybeans to fill pods. Pest pressure was low, and plant height was above average.

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 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 9/30/2012 Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

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

Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonyleurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

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- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
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