

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

Leon Plaetz, Redwood County, MN 56293 [WABASSO]

EARLY SEASON TEST
1.5 - 1.8 MAT. GROUP

PREV. CROP/HERB: Corn / Harness, Glyphosate, Callisto
 SOIL DESCRIPTION: Normania-Webster clay loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 3.5% OM, medium SCN
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Glyphosate (twice)
 SEEDED - RATE: May 14 140,000 /A
 HARVESTED - STAND: Sep 28 123,800 /A

S2MNSC06a

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	
Trelay	15RR51	RR2Y	1.5	R	Ac,Ex	63.5	9.0	0	122.0	\$953	
Jung	1170RR2	RR2Y	1.7	R	Ac,O	58.8	9.2	0	127.8	\$882	
Prairie Brand	PB-1743R2	RR2Y	1.7	R	CMB	55.7	9.7	0	124.4	\$836	
Viking	1522R2N	RR2Y	1.5	R	None	54.3	7.5	0	125.8	\$815	
Prairie Brand	PB-1566R2	RR2Y	1.5	R	CMB	54.3	8.1	0	128.3	\$815	
Wensman	W 3160NR2	RR2Y	1.6	R	Ac	53.3	7.8	0	121.5	\$800	
Kruger	K2-1402	RR2Y	1.5	R	Ac,PV	52.6	7.9	0	121.5	\$789	
Dyna-Gro	S15RY53	RR2Y	1.5	R	Ac	52.5	7.7	0	122.5	\$788	
Renk	RS153NR2	RR2Y	1.5	R	None	52.5	7.7	0	126.3	\$788	
Renk	RS172NR2	RR2Y	1.7	R	None	52.4	9.1	0	126.3	\$786	
Dairyland	DSR-1710R2Y	RR2Y	1.7	R	CMB	51.9	7.5	0	123.0	\$779	
Gold Country	1741	RR2Y	1.7	R	Ac	51.6	7.6	0	122.0	\$774	
Kruger	K2-1501	RR2Y	1.5	R	Ac,PV	51.6	7.6	0	122.0	\$774	
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	51.1	7.7	0	120.5	\$767	
NorthStar	NS 1726NR2	RR2Y	1.7	R	Ac	50.9	8.1	0	123.4	\$764	
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	50.5	7.9	0	120.5	\$758	
Viking	1707R2N	RR2Y	1.7	R	Ac	50.4	7.6	0	122.5	\$756	
Anderson	163R2Y	RR2Y	1.6	R	None	50.4	7.7	0	125.3	\$756	
Hefty	H18Y12	RR2Y	1.8	MR	I	49.9	7.8	0	123.9	\$749	
Anderson	184R2Y	RR2Y	1.8	R	None	49.9	8.3	0	126.8	\$749	
Hefty	H16Y11	RR2Y	1.6	MR	I	49.6	7.7	0	125.3	\$744	
Renk	RS183NR2	RR2Y	1.8	R	None	49.3	7.6	0	123.4	\$740	
NK Brand	S17-G8 §	RR2Y	1.7	R	CMB	48.7	7.6	0	124.4	\$731	
LG Seeds	C1780R2	RR2Y	1.7	R	Ac	48.4	7.6	0	124.9	\$726	
Latham	L1886R2	RR2Y	1.8	R	SS+	48.3	7.6	0	120.5	\$725	
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CMB	47.9	7.7	0	122.5	\$719	
Anderson	153R2Y	RR2Y	1.5	R	None	47.8	7.7	0	123.0	\$717	
Dyna-Gro	S18RY33	RR2Y	1.8	R	Ac	47.5	7.6	0	127.8	\$713	
Stine	16RA02 §	RR2Y	1.6	R	None	47.1	7.8	0	122.9	\$707	
Hefty	H17Y12	RR2Y	1.7	MR	I	46.9	7.5	0	125.4	\$704	
Anderson	162R2Y CK	RR2Y	1.6	R	None	52.2	8.1	0	126.8	\$783	
						Test Average =	49.1	7.9	0	123.8	\$737
						LSD (0.10) =	7.1	1.4	ns		
						C.V. =	10.6	12.8			


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were good here, and the soybeans got off to a great start. Excessive rain in May was followed by each month turning more dry. Pests and diseases were kept at bay by this dry weather pattern. Leon was generally pleased with his soybean yields. A few small drizzles at the right time in August helped keep this plot on it's feet.*

Lat: 44.407042, Long: -95.14731

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]

Leon Plaetz, Redwood County, MN 56293 [WABASSO]

FULL SEASON TEST
1.9 - 2.2 MAT. GROUP

PREV. CROP/HERB: Corn / Harness, Glyphosate, Callisto
 SOIL DESCRIPTION: Normania-Webster clay loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 3.5% OM, medium SCN
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Glyphosate (twice)

SEEDED - RATE: May 14 140,000 /A
 HARVESTED - STAND: Sep 28 123,500 /A

S2MNSC06b

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	
Titan Pro	20M1	RR2Y	2.0	R	Am	57.0	7.5	0	121.0	\$855	
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	54.7	7.6	0	119.6	\$821	
Viking	2000R2N	RR2Y	2.0	R	Ac	53.6	7.5	0	124.9	\$804	
Viking	1908CNRR	RR	1.9	R	None	53.2	7.9	0	124.4	\$798	
Latham	L1985R2	RR2Y	1.9	R	CMB	52.7	7.5	0	124.4	\$791	
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	52.5	7.6	0	124.9	\$788	
Latham	L2253R2	RR2Y	2.2	S	CMB	52.5	8.0	0	124.9	\$788	
Kruger	K2-2102	RR2Y	2.1	R	Ac,PV	52.4	7.7	0	123.9	\$786	
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	52.1	8.4	0	126.3	\$782	
LG Seeds	C2050R2	RR2Y	2.1	R	Ac	51.8	7.3	0	125.8	\$777	
Latham	L2086R2	RR2Y	2.0	R	SS+	50.8	7.7	0	120.1	\$762	
Trelay	21RR37	RR2Y	2.1	MR	Ac,Ex	50.2	8.2	0	125.8	\$753	
Hefty	H21R3	RR2Y	2.1	S	I	49.8	7.7	0	122.5	\$747	
Dyna-Gro	31RY20	RR2Y	2.0	R	Ac	49.7	7.7	0	124.9	\$746	
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	49.3	7.4	0	123.9	\$740	
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CMB	48.7	7.8	0	126.8	\$731	
Titan Pro	19M42	RR2Y	1.9	R	CMB	48.1	7.7	0	119.1	\$722	
Channel	2000R2	RR2Y	2.0	R	Ac,PV	47.8	7.8	0	123.0	\$717	
Wensman	W 3200NR2	RR2Y	2.0	R	Ac	47.4	7.5	0	124.9	\$711	
Latham	L2084R2	RR2Y	2.0	R	CMB	47.3	7.8	0	123.9	\$710	
Dairyland	DSR-2190R2Y	RR2Y	2.1	S	CMB	47.3	8.8	0	125.4	\$710	
Mustang	M-20823	RR2Y	2.0	R	Ac	47.2	7.5	0	124.9	\$708	
Hefty	H20R3	RR2Y	2.0	MR	I	47.1	8.1	0	125.3	\$707	
NorthStar	NS 1916NR2	RR2Y	1.9	R	Ac	47.0	7.4	0	121.5	\$705	
Latham	L2183R2	RR2Y	2.1	R	CMB	46.7	8.0	0	125.4	\$701	
Asgrow	AG2031 §	RR2Y	2.0	R	Ac,PV	46.5	7.6	0	122.5	\$698	
Viking	2044R2N	RR2Y	2.0	R	Ac	46.5	7.8	0	121.0	\$698	
Kruger	K2-2002	RR2Y	2.0	R	Ac,PV	46.4	9.6	0	126.8	\$696	
Anderson	204R2Y	RR2Y	2.0	R	None	46.3	7.5	0	121.5	\$695	
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	46.3	7.7	0	123.4	\$695	
Anderson	162R2Y CK	RR2Y	1.6	R	None	51.5	7.5	0	120.0	\$773	
						Test Average =	46.4	7.8	0	123.5	\$696
						LSD (0.10) =	6.2	0.9	0		
						C.V. =	9.8	8.4			


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were good here, and the soybeans got off to a great start. Excessive rain in May was followed by each month turning more dry. Pests and diseases were kept at bay by this dry weather pattern. Leon was generally pleased with his soybean yields. A few small drizzles at the right time in August helped keep this plot on it's feet.*

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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. VPMaXX® 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®, VPMaXX® 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

Trademarks

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- Herculex® is a trademark of Dow AgroSciences LLC.
- 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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