

2012 BETTER VARIETIES Harvest Report for Minnesota South [MNSO]

Brian Herbst, Dodge County, MN 55944 [KASSON]

EARLY SEASON TEST
1.6 - 2.0 MAT. GROUP

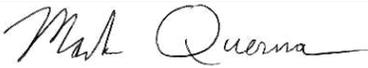
PREV. CROP/HERB: Corn / Harness, Glyphosate, Callisto
 SOIL DESCRIPTION: Readlyn silt loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 7.1 pH, 3.8% OM, low SCN
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup (twice)
 SEEDED - RATE: May 9 140,000 /A
 HARVESTED - STAND: Sep 26 126,200 /A

S2MNSO12a

30" ROW SPACING

 TOP 30 for **YIELD** of **48** 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	65.3	8.1	0	124.9	\$980	
SOI	2013NRR2Y	RR2Y	2.0	R	None	64.4	7.9	0	122.4	\$966	
Hefty	H20R3	RR2Y	2.0	MR	I	64.1	8.3	0	126.8	\$962	
Prairie Brand	PB-2042R2	RR2Y	2.0	R	CMB	62.4	8.3	0	122.9	\$936	
Latham	L2084R2	RR2Y	2.0	R	CMB	62.2	8.5	0	123.4	\$933	
Jung	1201RR2	RR2Y	2.0	R	Ac,O	61.8	8.1	0	125.4	\$927	
Viking	1984R2N	RR2Y	1.9	R	None	61.3	8.0	0	127.8	\$920	
NK Brand	S18-C2 §	RR2Y	1.8	R	CMB	61.2	8.1	0	129.2	\$918	
Dyna-Gro	31RY20	RR2Y	2.0	R	Ac	61.2	8.1	0	127.3	\$918	
Trelay	20RR43	RR2Y	2.0	R	Ac,Ex	61.0	8.1	0	125.9	\$915	
LG Seeds	C1917R2	RR2Y	1.9	R	Ac	60.6	8.3	0	126.8	\$909	
Mustang	M-19723	RR2Y	1.9	R	Ac	60.5	8.0	0	128.3	\$908	
Stine	20RC32 §	RR2Y	2.0	R	CMB	60.1	8.1	0	125.9	\$902	
Kruger	K2-1901	RR2Y	1.9	R	Ac,PV	59.8	8.0	0	123.0	\$897	
Renk	RS172NR2	RR2Y	1.7	R	None	59.6	7.8	0	123.4	\$894	
Renk	RS202NR2	RR2Y	2.0	R	Am	59.6	8.3	0	126.3	\$894	
Wensman	W 3190NR2	RR2Y	1.9	R	Ac	59.6	8.1	1	128.7	\$894	
Pfister	19R23	RR2Y	1.9	R	CMB	59.5	8.2	0	128.8	\$893	
Kruger	K2-2002	RR2Y	2.0	R	Ac,PV	59.5	9.4	0	124.4	\$893	
Gold Country	1741	RR2Y	1.7	R	Ac	58.9	8.0	0	127.3	\$884	
SOI	1741NRR2Y	RR2Y	1.7	R	None	58.7	8.2	0	126.8	\$881	
Wensman	W 3200NR2	RR2Y	2.0	R	Ac	58.5	8.0	0	125.8	\$878	
Asgrow	AG2031 §	RR2Y	2.0	R	Ac,PV	58.4	8.3	0	127.8	\$876	
Kruger	K2-1702	RR2Y	1.7	R	Ac,PV	58.0	7.8	0	127.3	\$870	
Kruger	K2-1602	RR2Y	1.6	R	Ac,PV	57.8	8.1	0	123.4	\$867	
Trelay	19RR59	RR2Y	1.9	R	Ac,Ex	57.8	8.4	0	126.3	\$867	
Anderson	162R2Y	RR2Y	1.6	R	None	57.7	8.1	0	125.8	\$866	
Prairie Brand	PB-1823R2	RR2Y	1.8	R	None	57.6	8.2	0	124.9	\$864	
Kruger	K2-1902	RR2Y	1.9	R	Ac,PV	57.3	8.3	0	127.8	\$860	
Latham	L1985R2	RR2Y	1.9	R	CMB	57.2	8.0	0	123.0	\$858	
Viking	2000R2N CK	RR2Y	2.0	R	Ac	59.4	7.9	0	126.8	\$891	
						Test Average =	57.9	8.1	0	126.2	\$868
						LSD (0.10) =	5.0	0.3	0		
						C.V. =	6.3	3.0			


 F.I.R.S.T. Manager

TEST COMMENTS: *Planting conditions were excellent. Rainfall was plentiful in May, and just enough during the rest of the summer.*
Kasson received a bit more rain in July and August than other areas in Minnesota received. No pests got to threshold, and this crop stayed healthy through maturity.

Lat: 44.009292, Long: -92.708757

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

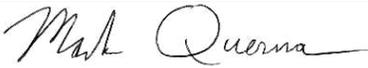
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FULL SEASON TEST
2.1 - 2.3 MAT. GROUP

PREV. CROP/HERB: Corn / Harness, Glyphosate, Callisto S2MNSO12b
 SOIL DESCRIPTION: Readlyn silt loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 7.1 pH, 3.8% OM, low SCN 30" ROW SPACING
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Roundup (twice)
 SEEDED - RATE: May 9 140,000 /A TOP 30 for YIELD of 54 TESTED
 HARVESTED - STAND: Sep 26 126,400 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Tech.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income	
Prairie Brand	PB-2230R2	RR2Y	2.2	S	CMB	63.3	8.5	0	127.8	\$950	
Titan Pro	23M9	RR2Y	2.3	S	CMB	61.9	9.9	0	128.7	\$929	
Gold Country	2142	RR2Y	2.1	R	Ac	61.2	8.4	0	124.4	\$918	
Kruger	K2-2301	RR2Y	2.3	S	Ac,PV	60.5	9.3	0	125.3	\$908	
Latham	L2253R2	RR2Y	2.2	S	CMB	60.3	8.4	0	128.2	\$905	
Viking	2300R2	RR2Y	2.3	S	Ac	60.2	8.9	0	127.8	\$903	
Asgrow	AG2232 §	RR2Y	2.2	R	Ac,PV	60.2	9.5	0	126.3	\$903	
Hefty	H21R3	RR2Y	2.1	S	I	60.0	8.4	0	125.4	\$900	
Dyna-Gro	S23RY63	RR2Y	2.3	R	Ac	59.4	9.5	0	130.2	\$891	
Hefty	H23Y10	RR2Y	2.3	S	I	59.2	9.0	0	125.8	\$888	
Channel	2105R2	RR2Y	2.1	MR	Ac,PV	59.2	9.4	0	129.2	\$888	
Stine	24RB00 §	RR2Y	2.4	MR	CMB	58.9	8.2	0	125.8	\$884	
Renk	RS213NR2	RR2Y	2.1	R	None	58.5	8.5	0	124.4	\$878	
Stine	22RC62 §	RR2Y	2.2	R	CMB	58.0	8.3	0	124.9	\$870	
Renk	RS210NR2	RR2Y	2.1	R	None	58.0	8.4	0	126.8	\$870	
Latham	L2385R2	RR2Y	2.3	R	CMB	57.9	8.4	0	121.0	\$869	
Trelay	23RR53	RR2Y	2.3	MR	Ac,Ex	57.9	10.1	0	124.4	\$869	
NorthStar	NS 2138NR2	RR2Y	2.1	R	Ac	57.5	7.9	0	129.2	\$863	
Prairie Brand	PB-2366R2	RR2Y	2.2	R	CMB	57.2	8.4	0	124.9	\$858	
LG Seeds	C2050R2	RR2Y	2.1	R	Ac	57.2	8.0	1	128.3	\$858	
Jung	1212RR2	RR2Y	2.1	R	Ac,O	57.1	8.1	0	124.9	\$857	
Titan Pro	22M12	RR2Y	2.2	R	CMB	56.5	8.6	0	128.3	\$848	
Pioneer	92Y30 §	RR	2.3	R	None	56.2	10.4	0	125.4	\$843	
Trelay	21RR37	RR2Y	2.1	MR	Ac,Ex	56.1	8.2	0	122.0	\$842	
Wensman	W 3222NR2	RR2Y	2.2	R	Ac	56.0	8.1	0	125.3	\$840	
LG Seeds	C2175R2	RR2Y	2.1	R	Ac	56.0	8.3	0	124.4	\$840	
Dairyland	DSR-2105R2Y	RR2Y	2.1	S	CMB	55.5	8.4	0	126.8	\$833	
Viking	2174RR	RR	2.1	S	None	54.9	8.2	0	127.3	\$824	
Kruger	K2-2102	RR2Y	2.1	R	Ac,PV	54.7	8.3	0	125.3	\$821	
Latham	L2148R2	RR2Y	2.1	R	CMB	54.6	8.3	0	123.9	\$819	
Viking	2000R2N CK	RR2Y	2.0	R	Ac	55.2	7.9	0	128.3	\$828	
						Test Average =	55.3	8.5	0	126.4	\$829
						LSD (0.10) =	5.6	0.5	1		
						C.V. =	7.4	4.6			


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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. 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

Trademarks

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- Herculex® is a trademark of Dow AgroSciences LLC.
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- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
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