

2011 BETTER VARIETIES Harvest Report for Minnesota Central [MNCE]

S1MNCE04

Gary & Mark Krcil, Mc Leod County, MN 55336 [GLENCOE]

PREV. CROP/HERB: Corn / Harness, Roundup
 SOIL DESCRIPTION: Glencoe loam, well drained, non-irrigated
 SOIL CONDITIONS: Low SCN, high P, high K, 6.4 pH, 3.8% OM
 TILLAGE/CULTIVATION: conventional w/ fall till
 PEST MANAGEMENT: Glyphosate (twice), Lorsban
 SEEDED - RATE: Jun 2 159,000 /A
 HARVESTED - STAND: Oct 6 139,300 /A

 1.3 - 2.0 MAT. GROUP
 30" ROW SPACING

TOP 30 for YIELD of 60 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	
Renk	RS082R2*	RR2Y	0.8	S	None	52.5	7.5	0.0	131.7	\$577.5	
Kruger	K2-1401	RR2Y	1.4	MR	AC	51.8	7.8	0.0	146.2	\$569.8	
Kruger	K2-1001	RR2Y	1.0	S	AC	51.8	7.8	0.0	137.5	\$569.8	
Advantage	ADV1788CR2	RR2Y	1.7	MR	None	51.3	7.7	0.0	137.5	\$564.3	
NorthStar	NS 1726NR2	RR2Y	1.7	R	AC	50.8	7.7	0.0	138.4	\$558.8	
Prairie Brand	PB-1591R2	RR2Y	1.5	S	CM	50.4	8.0	0.0	135.5	\$554.4	
Gold Country	1440	RR2Y	1.4	MR	AC	50.3	7.6	0.0	135.5	\$553.3	
NorthStar	NS 7159NRR	RR	1.5	R	AC	50.3	7.7	0.0	138.4	\$553.3	
Dyna-Gro	37RY14	RR2Y	1.4	R	AC	49.9	7.6	0.0	140.4	\$548.9	
Wensman	W 3140R2	RR2Y	1.4	S	AC	49.8	7.9	0.0	137.5	\$547.8	
Prairie Brand	PB-1743R2	RR2Y	1.6	R	CM	49.6	7.7	0.0	136.5	\$545.6	
Stine	16RA02*	RR2Y	1.6	R	CM	49.6	7.7	0.0	138.4	\$545.6	
Prairie Brand	PB-1523R2	RR2Y	1.5	R	CM	49.4	7.7	0.0	138.4	\$543.4	
Hefty	H16Y11	RR2Y	1.6	MR	I	49.3	8.1	0.0	139.4	\$542.3	
Kruger	K2-1902	RR2Y	1.9	R	AC	49.1	8.1	0.0	131.7	\$540.1	
Gold Country	1640	RR2Y	1.6	MR	AC	49.0	7.9	0.0	137.5	\$539.0	
Wensman	W 3114R2	RR2Y	1.1	S	AC	49.0	7.9	0.0	140.4	\$539.0	
Advantage	ADV1710CR2	RR2Y	1.7	MR	None	48.9	7.8	0.0	139.4	\$537.9	
Channel	1805R2	RR2Y	1.8	R	AC	48.3	7.7	0.0	138.4	\$531.3	
Hefty	H16Y12	RR2Y	1.6	MR	I	48.1	7.8	0.0	143.3	\$529.1	
Mustang	M-17722	RR2Y	1.7	R	AC	47.8	7.9	0.0	140.4	\$525.8	
Channel	2000R2	RR2Y	2.0	R	AC	47.6	8.2	0.0	136.5	\$523.6	
Dyna-Gro	34RY17	RR2Y	1.7	R	AC	47.5	7.8	0.0	138.4	\$522.5	
Kruger	K2-1501	RR2Y	1.5	R	AC	47.4	7.8	0.0	139.4	\$521.4	
Renk	RS140NR2	RR2Y	1.4	R	AM	47.3	7.7	0.0	136.5	\$520.3	
Gold Country	1741	RR2Y	1.7	R	AC	47.3	7.8	0.0	138.4	\$520.3	
Titan Pro	20M1	RR2Y	2.0	R	CM	47.3	8.0	0.0	145.2	\$520.3	
Prairie Brand	PB-1722R2	RR2Y	1.7	R	CM	47.2	7.7	0.0	137.5	\$519.2	
Stine	13RA08*	RR2Y	1.3	S	CM	47.2	7.9	0.0	143.3	\$519.2	
Stine	19RA02*	RR2Y	1.9	R	CM	47.0	8.0	0.0	139.4	\$517.0	
						Test Average =	47.2	7.9	0.0	139.3	\$518.9
						LSD (0.10) =	2.7	0.3	ns		
						C.V. =	4.3	2.8			


 F.I.R.S.T. Manager

TEST COMMENTS: *Planted June 2nd into "concrete-like" surface soil. Those poor conditions did not hamper growth, as these beans were the tallest I have ever harvested. If it hadn't been for the killing frost of Sept 15th, these beans would have been fantastic. Full season varieties were hit the hardest by the frost. Otherwise, this was an exceptional-looking plot!*

Lat: N44.86361, Long: W-94.15211

Yield & Income Factors: Base Moisture = 13% Shrink = 1.3 Drying = \$0.020 Price = \$11.00

† Technology: RR - Roundup Ready, RR2Y - Roundup Ready 2 Yield, STS - Sulfonylurea Tol

‡ Seed Treatment: A - Allegiance, AC - Accelaron, AM - ApronMaxx, AP - Apron XL, AV - Avicta, CM - CruiserMaxx, E - Excalibre, I - Inovate, G - Gaucho, O - Optimize, T - Trilex, T2 - Trilex 2000, T6 - Trilex 6000, V - Votivo

Results in bold are significantly above the test average. GC = grower comparison product, * brands without a seed lot number; ns = not significantly different

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

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Report Date: 10/7/2011 Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^ G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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