

**2012 BETTER HYBRIDS Harvest Report for Minnesota Southwest [ MNSW ]**

Steve Ryberg, Jackson County, MN 56143 [ JACKSON ]

**EARLY SEASON TEST**
**97 - 102 Day CRM**

PREV. CROP/HERB: Soybean / Trifluralin, Glyphosate B2MNSW10a  
 SOIL DESCRIPTION: Nicollet clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 6.1 pH, 4.2% OM  
 PEST MANAGEMENT: Force, Harness, Roundup 30" ROW SPACING  
 FERTILITY - Applied N: 152 Fall  
 Applied N-P-K (units): 152-69-90  
 SEEDED - RATE: Apr 27 35,000 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Sep 19 30,800 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	1M02-SS	STX	AC,P2	102	242.3	16.3	0	30.5	1,809	1
Mustang	5808	STX	AC,P2	98	241.1	18.6	0	30.0	1,787	2
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	237.8	15.8	0	30.0	1,779	3
Kruger	K-6201VT3	VT3	AC,P5V	101	233.7	17.9	0	28.1	1,736	6
Renze	2181-3000GT	3000GT	CE,C2	101	233.3	16.6	0	31.9	1,740	5
Wensman	W 7290VT3PRO	VT3P	AC,P5V	99	233.1	16.2	0	33.4	1,741	4
LG Seeds	LG2501VT3Pro	VT3P	AC,P5V	101	231.8	15.9	0	34.3	1,733	8
LG Seeds	LG5499VT3Pro	VT3P	AC,P5V	100	231.6	15.4	0	31.9	1,735	7
Producers	XP5894VT3Pro	VT3P	AC,P5V	98	231.6	16.9	0	28.5	1,726	9
Channel	202-25VT3P	VT3P	AC,P5V	102	227.9	15.1	0	33.4	1,709	10
G2 Genetics	5X-0004^	HXT,RR2	MQ,R,P1V	100	227.9	17.6	0	30.0	1,694	15
Renk	RK585VT3P	VT3P	AC,P2	97	227.5	15.0	0	31.4	1,706	12
Prairie Brand	1010VT3	VT3	MQ,C2	101	227.1	20.3	0	33.4	1,673	22
Wensman	W 9325VT3PRO	VT3P	AC,P5V	102	226.5	15.7	0	32.4	1,695	14
Channel	197-67VT3P	VT3P	AC,P5V	97	226.2	16.1	0	30.5	1,690	16
Wyffels	W1787	VT3P	AC,P5V	97	226.0	14.6	0	34.3	1,695	13
Prairie Brand	981VT3	VT3	AVC,C2	99	225.0	16.2	0	31.9	1,681	19
Gold Country	99-04GENVT3P	VT3P	AC,P5V	99	224.7	15.5	0	31.9	1,682	17
Channel	200-91VT3P	VT3P	AC,P5V	100	224.7	16.9	0	31.0	1,675	20
Pfister	2225RR	RR2	AC,P2	101	224.2	14.6	0	33.8	1,682	18
Gold Country	100-95GENVT3P	VT3P	AC,P5V	100	223.4	15.2	0	20.8	1,674	21
Pfister	1760VT3	VT3	AVC,C2	99	223.4	17.6	0	31.0	1,661	26
Wyffels	W2277	VT3P	AC,P5V	100	223.1	16.6	0	30.9	1,664	24
Prairie Brand	1022RR	RR2	AC,P2	102	222.3	15.2	0	27.6	1,666	23
Kruger	K-7597	VT3P	AC,P5V	97	221.9	14.2	0	27.6	1,664	25
Anderson	615R	RR2	MX,D	98	221.7	16.4	0	33.9	1,655	28
Mustang	6801	VT3P	AC,P2	104	221.6	15.8	0	30.5	1,658	27
NuTech	5N-001	3000GT	MQ,R,C2	101	221.2	15.9	0	28.1	1,654	29
G2 Genetics	5H-502^	HX,RR2	MQ,R,C2	102	220.3	16.3	0	30.0	1,645	30
Viking	Y84-00RL	3000GT	MQ,C2	100	219.6	15.6	0	28.0	1,644	31
→ Dekalb	DKC52-59 CK	VT3	AC,P2	102	229.2	17.1	0	28.1	1,707	11
Test Average =					216.7	15.8	0	30.8	1,620	
LSD (0.10) =					17.7	1.1	ns			
C.V. =					6.1	5.2				



F.I.R.S.T. Manager

**TEST COMMENTS:** *A dry winter and early spring gave way to good rains in April and excessive rain in May, fully charging the soil profile. June was dry, but a one inch rainfall on July 4 boosted yield potential as pollination began. Rainfall in August was adequate. Steve stated that their corn fields are yielding 180-190 bpa, while early bean yields are in the 50 bpa range.*

Lat: 43.741642, Long: -95.014069

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

† See last page for Product/Brand, Technology and Seed Treatment information.  
 → Identifies the check brand included in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

**2012 BETTER HYBRIDS Harvest Report for Minnesota Southwest [ MNSW ]**

Steve Ryberg, Jackson County, MN 56143 [ JACKSON ]

**FULL SEASON TEST**
**103 - 106 Day CRM**

B2MNSW10b

 PREV. CROP/HERB: Soybean / Trifluralin, Glyphosate  
 SOIL DESCRIPTION: Nicollet clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.1 pH, 4.2% OM  
 PEST MANAGEMENT: Force, Harness, Roundup  
 FERTILITY - Applied N: 152 Fall  
 Applied N-P-K (units): 152-69-90

30" ROW SPACING

 SEEDED - RATE: Apr 27 35,000 /A  
 HARVESTED - STAND: Sep 19 32,300 /A

**TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	KR-4104	VT2P-R	AC,P5V	104	<b>243.9</b>	18.9	0	32.9	1,806	2
NuTech	5B-604	GT/CB/LL	MQ,R,C2	104	<b>243.8</b>	17.9	0	34.3	1,811	1
Pioneer	P0533AM1 GC	AM1,RR2	MQ,C2	105	239.7	18.8	0	33.9	1,775	3
Producers	6624VT3Pro	VT3P	AC,P5V	106	237.7	20.3	0	34.4	1,751	4
G2 Genetics	5H-806^	HX,RR2	MQ,R,P1V	106	235.6	19.1	0	33.8	1,743	5
G2 Genetics	5H-0504^	HX,RR2	MQ,R,P1V	105	234.9	18.5	0	32.9	1,741	6
Renze	CX22104-3000GT	3000GT	CE,C2	104	234.3	19.8	0	32.4	1,729	7
Mustang	6204	VT3P	AC,P2	104	231.6	19.0	0	31.9	1,714	8
Channel	202-32STX	STX	AC,P5V	104	231.3	19.8	0	34.3	1,707	11
G2 Genetics	5X-903^	HXT,RR2	MQ,R,P1V	103	230.0	17.3	0	30.0	1,712	9
Wyffels	W4797	VT3P	AC,P5V	106	229.2	16.5	0	33.9	1,710	10
Kruger	K-7303	VT3P	AC,P5V	103	228.0	16.8	0	31.4	1,700	12
Dekalb	DKC53-78RIB GC	STX-R	AC,P2	103	227.9	17.9	0	33.4	1,693	13
CBseed	CB5358GT3000	3000GT	CE,C2	103	226.6	17.0	0	33.8	1,688	14
Dairyland	DS6903	RR2	AVC,C2	103	226.2	20.1	0	33.4	1,668	19
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	225.9	17.3	0	31.0	1,681	16
Channel	204-06VT3P	VT3P	AC,P5V	104	225.8	16.2	0	30.5	1,687	15
Wensman	W 7330VT3	VT3	AC,P5V	103	225.3	16.9	0	33.4	1,679	17
Titan Pro	1M05-SS	STX	AC,P2	105	225.0	21.5	0	32.4	1,651	23
Wyffels	W4267	VT3P	AC,P5V	105	224.5	17.3	0	30.9	1,671	18
Renze	2222-3000GT	3000GT	CE,C2	104	224.4	19.1	0	33.9	1,660	22
Titan Pro	X2M04	VT3P	AC,P2	104	223.3	16.4	0	33.8	1,667	20
Channel	203-43VT3P	VT3P	AC,P5V	103	222.8	16.3	0	31.4	1,664	21
Titan Pro	81A04GL	3000GT	MQ,C2	104	221.6	18.7	0	33.8	1,642	24
Viking	C78-05R	VT3P	AC,P2	105	221.1	19.7	0	32.4	1,632	28
Viking	Y54-04RL	3000GT	MQ,C2	104	220.4	19.1	0	28.6	1,630	29
Kruger	K-7306	VT3P	AC,P5V	106	220.3	18.0	0	34.4	1,636	26
Mustang	6460	3000GT	AC,P2	103	219.2	16.6	0	30.0	1,635	27
Renk	RK752SSTX	STX	AC,P2	106	218.5	17.4	0	32.9	1,626	30
Mustang	6804	STX	AC,P2	104	216.9	17.2	0	31.5	1,615	31
<b>Dekalb</b>	<b>DKC52-59 CK</b>	<b>VT3</b>	<b>AC,P2</b>	<b>102</b>	<b>218.9</b>	<b>15.9</b>	<b>0</b>	<b>27.1</b>	<b>1,637</b>	<b>25</b>
Test Average =					<b>221.9</b>	<b>18.2</b>	<b>0</b>	<b>32.3</b>	<b>1,647</b>	
LSD (0.10) =					21.0	2.2	ns			
C.V. =					6.9	8.9				



F.I.R.S.T. Manager

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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® - sulfonylurea 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	Accelaron® 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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- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
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- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
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- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
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