

**2011 BETTER HYBRIDS Harvest Report for Minnesota West Central [ MNWC ]**  
 Keith Beito, Chippewa County, MN 56241 [ GRANITE FALLS ]

**EARLY SEASON TEST**  
**93 - 98 Day CRM**

PREV. CROP/HERB: Soybean / Roundup B1MNBC02a  
 SOIL DESCRIPTION: Nicollet-Clarion-Webster clay loam, well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 7.3 pH, 5.5% OM  
 PEST MANAGEMENT: Force, Harness, Roundup 30" ROW SPACING  
 FERTILITY - Applied N: 157 Fall,  
 Applied N-P-K (units): 157-70-60  
 SEEDED - RATE: May 17 35,680 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 18 32,400 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	196-06VT3P	VT3P	P500,V	96	<b>217.5</b>	14.2	0.3	32.8	1,305.0	1
Trelay	5ST192	STX	P500,V	98	<b>204.4</b>	14.6	1.3	30.1	1,226.4	2
Titan Pro	X81A97	GT/CB/LL	C250	97	<b>204.2</b>	14.7	3.0	31.9	1,225.2	3
Gold Country	93-07	VT3P	P250	93	201.2	14.0	1.7	34.2	1,207.2	4
Anderson	617R	RR2	None	98	201.0	14.4	0.3	31.0	1,206.0	5
LG Seeds	LG2468VT3	VT3	P500,V	97	199.1	14.3	0.0	31.0	1,194.6	6
Kruger	K-7495	VT3P	P500,V	95	198.7	14.1	3.7	32.4	1,192.2	7
Wensman	W 7268VT3	VT3	P250	96	198.2	14.2	0.0	33.3	1,189.2	8
Dyna-Gro	V3883VT3	VT3	P250	98	197.4	14.0	1.3	32.8	1,184.4	10
Wensman	W 7273VT3	VT3	P250	98	195.4	13.9	0.7	33.3	1,172.4	11
G2 Genetics	5X-895^*	HXT,RR2	C250	94	195.4	14.0	0.7	31.4	1,172.4	12
CBseed	CB4444GT	GT	C250	97	194.8	14.0	0.7	32.8	1,168.8	13
NuTech	3A-9901*	GT	C250	98	194.7	13.9	2.7	32.3	1,168.2	14
Kruger	K-7194	VT3P	P500,V	94	194.6	14.0	1.7	31.5	1,167.6	15
G2 Genetics	5H-696^*	HX,RR2	C250	96	194.5	14.8	1.0	32.3	1,167.0	16
Dyna-Gro	D37VP71	VT3P	P250	97	194.0	13.8	0.7	32.8	1,164.0	17
Producers	5784VT3	VT3	P500,V	97	193.8	14.4	0.7	31.4	1,162.8	18
Croplan	3514VT3 GC	VT3	C250	95	193.6	14.9	0.7	32.3	1,161.6	19
Renk	RK530VT3P	VT3P	P250	94	193.3	14.4	2.0	31.9	1,159.8	20
Dyna-Gro	D35RR40	RR2	P250	95	192.8	13.9	0.7	32.8	1,156.8	21
Renk	RK580VT3	VT3	P250	98	192.8	14.2	1.0	30.1	1,156.8	22
Mustang	4212	VT3P	P500,V	95	192.6	14.3	0.7	31.0	1,155.6	23
Jung	7452VT3	VT3	P500	98	191.5	14.0	0.3	33.3	1,149.0	24
Viking	C44-95R	VT3P	C250	96	191.4	14.0	1.7	32.8	1,148.4	25
Stine	9311VT3Pro*	VT3P	C250	93	190.6	14.4	0.3	33.3	1,143.6	26
CBseed	CB3160GTCBLLRW	3000GT	C250	95	190.4	14.1	4.7	30.5	1,142.4	27
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	190.2	13.9	0.7	32.8	1,141.2	28
Titan Pro	89A98GL	3000GT	C250	98	190.0	14.5	0.3	33.3	1,140.0	29
Gold Country	96-20	VT3P	P250	96	190.0	14.0	0.7	32.3	1,140.0	30
Mustang	4689	VT3	P500,V	95	189.7	14.1	3.3	32.4	1,138.2	31
<b>Dekalb</b>	<b>DKC48-12 CK</b>	<b>STX</b>	<b>P500,V</b>	<b>98</b>	<b>197.6</b>	<b>14.0</b>	<b>0.0</b>	<b>32.3</b>	<b>1,185.6</b>	<b>9</b>
					Test Average =	<b>187.1</b>	<b>14.2</b>	<b>2.5</b>	<b>32.4</b>	<b>1,122.2</b>
					LSD (0.10) =	14.2	0.6	ns		
					C.V. =	5.6	3.3			

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Planting conditions were excellent, although cool, wet weather prevailed through June. Stand counts in late June were perfect. High winds in early July caused green snap. This site was planted N/S, and Keith noted that his E/W planted fields had more green snap. A killing frost on Sept 15 dried all corn to 14% by harvest. Lodging reflects green snap.* Lat: N44.86028, Long: W-95.52928

Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price = \$6.00
<sup>†</sup> TECHNOLOGY: <b>Corn Borer</b> - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; <b>Corn Rootworm</b> - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; <b>Glyphosate</b> - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; <b>Liberty</b> - 3000GT, 3111, HX, HXT, LL, STX <sup>††</sup> IST: <b>AV</b> - Avicta, <b>C</b> - Cruiser, <b>P</b> - Poncho, <b>250, 500, and 1250</b> = 0.25, 0.5, and 1.25 g ai/seed, respectively; <b>V</b> - Votivo Identifies the check brand included in early- and full-season tests. <b>Bold</b> yields are significantly above test average. <b>Italicized</b> brands exceed the grain moisture limit for this test. <b>GC</b> = grower comparison product, * = brands without a seed lot number; <b>ns</b> = not significantly different				

**2011 BETTER HYBRIDS Harvest Report for Minnesota West Central [ MNWC ]**

Keith Beito, Chippewa County, MN 56241 [ GRANITE FALLS ]

**FULL SEASON TEST**
**99 - 102 Day CRM**

B1MNBC02b

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Nicollet-Clarion-Webster clay loam, well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7.3 pH, 5.5% OM  
 PEST MANAGEMENT: Force, Harness, Roundup  
 FERTILITY - Applied N: 157 Fall,  
 Applied N-P-K (units): 157-70-60


30" ROW SPACING

SEEDED - RATE: May 17 35,680 /A  
 HARVESTED - STAND: Oct 18 32,200 /A

**TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wensman	W 7320VT3PRO	VT3P	P250	101	<b>207.2</b>	14.4	0.0	33.3	1,243.2	1
G2 Genetics	5H-502^*	HX,RR2	C250	102	<b>204.4</b>	14.9	0.3	32.8	1,226.4	2
Dekalb	DKC48-37 GC	VT3	C250	98	199.9	14.3	0.0	33.3	1,199.4	3
Trelay	5VP688	VT3P	P500,V	101	199.1	14.1	0.3	32.8	1,194.6	4
Channel	201-16VT3	VT3	P500,V	101	198.6	14.3	0.0	33.3	1,191.6	5
Pioneer	P9917XR GC	HXT,RR2	C250	99	198.1	14.3	0.0	32.8	1,188.6	6
Dekalb	DKC50-66 GC	VT3	n/a	100	197.5	13.9	0.0	31.4	1,185.0	7
Channel	201-85VT3P	VT3P	P500,V	101	196.8	14.3	0.0	32.8	1,180.8	8
Trelay	6VT154	VT3	P500,V	102	196.0	14.3	0.0	31.0	1,176.0	9
Viking	Y84-00RL	3000GT	C250	100	195.6	14.7	0.0	32.3	1,173.6	11
Kruger	K-6399VT3	VT3	P500,V	99	195.4	13.9	0.0	31.4	1,172.4	12
Kruger	K-6201VT3	VT3	P500,V	101	195.0	14.2	0.0	32.4	1,170.0	13
Titan Pro	89A02GL	3000GT	C250	102	195.0	14.8	0.0	31.4	1,170.0	14
Dekalb	DKC52-59 GC	VT3	n/a	102	194.6	14.0	0.0	32.3	1,167.6	15
NuTech	5N-001*	3000GT	C250	100	194.4	14.6	0.0	32.8	1,166.4	16
G2 Genetics	5H-501^*	HX,RR2	C250	101	193.8	14.4	0.0	32.8	1,162.8	17
G2 Genetics	5H-0101^	HX,RR2	P1250,V	100	192.9	14.0	0.0	33.3	1,157.4	18
Stine	9417VT3*	VT3	C250	100	192.5	14.0	0.0	32.4	1,155.0	19
Gold Country	101-77	VT3	P250	101	191.8	14.1	0.3	33.3	1,150.8	20
Producers	6044VT3	VT3	P250	100	191.3	14.2	0.0	31.4	1,147.8	21
NuTech	5N-102*	3000GT	C250	102	190.8	14.3	0.3	31.9	1,144.8	22
Renk	RK698VT3	VT3	P250	102	189.8	14.3	0.0	33.7	1,138.8	23
Anderson	605VT3	VT3	C250	100	188.8	14.3	0.0	31.0	1,132.8	24
Channel	200-91VT3P	VT3P	P500,V	99	187.7	14.5	0.3	32.8	1,126.2	25
Trelay	6VP125	VT3P	P500,V	102	185.3	14.2	0.0	32.8	1,111.8	26
Gold Country	100-07	VT3	P250	100	183.5	14.0	1.3	31.9	1,101.0	27
Dairyland	ST-9799	VT3	C250	99	183.4	14.0	0.0	32.8	1,100.4	28
Wensman	W 8294VT2PRO	VT2P	P250	99	182.9	14.2	0.3	32.8	1,097.4	29
Dairyland	ST-9399	3000GT	C250	99	181.1	14.5	0.0	31.4	1,086.6	30
Anderson	626R	RR2	None	100	180.7	14.1	0.0	32.3	1,084.2	31
Dekalb	DKC48-12 CK	STX	P500,V	98	195.6	14.1	0.0	33.3	1,173.6	10
Test Average =					<b>186.5</b>	<b>14.3</b>	<b>0.7</b>	<b>32.2</b>	<b>1,119.1</b>	
LSD (0.10) =					14.5	0.3	2.9			
C.V. =					5.7	1.4				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Planting conditions were excellent, although cool, wet weather prevailed through June. Stand counts in late June were perfect. High winds in early July caused green snap. This site was planted N/S, and Keith noted that his E/W planted fields had more green snap. A killing frost on Sept 15 dried all corn to 14% by harvest. Lodging reflects green snap.*

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<sup>††</sup> IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250**, **500**, and **1250** = 0.25, 0.5, and 1.25 g ai/seed, respectively; **V** - Votivo

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, \* = brands without a seed lot number, **ns** = not significantly different

 Complete brands tested list & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 10/21/2011

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	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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