

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

Wayne &amp; Dale Bjorklund, Nicollet County, MN 56074 [ NICOLLET ]

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

B1MNNWC01a

 PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Clarion-Canisteo-Webster clay loam, well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 5.5 pH, 4.1% OM  
 PEST MANAGEMENT: Force, Roundup, Callisto  
 FERTILITY - Applied N: 155 Fall,  
 Applied N-P-K (units): 155-92-120

30" ROW SPACING

 SEEDED - RATE: May 16 35,680 /A  
 HARVESTED - STAND: Oct 21 31,600 /A

 TOP 30 OF 63 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	
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	<b>216.2</b>	13.5	1.3	32.3	1,297.2	1	
Titan Pro	X81A97	GT/CB/LL	C250	97	<b>213.6</b>	14.1	0.3	31.9	1,281.6	2	
Mustang	4212	VT3P	P500,V	95	210.5	14.2	1.7	31.0	1,263.0	3	
Channel	196-06VT3P	VT3P	P500,V	96	209.8	14.3	0.0	30.1	1,258.8	4	
Producers	5684VT3	VT3	P500,V	96	209.4	14.2	0.3	31.9	1,256.4	5	
Viking	C44-95R	VT3P	C250	96	208.8	14.1	0.0	33.3	1,252.8	6	
Enestvedt	E651VT3Pro	VT3P	P250	95	208.4	13.8	0.0	31.9	1,250.4	7	
Channel	197-32VT3P	VT3P	P500,V	97	208.3	13.6	4.7	32.8	1,249.8	8	
Wensman	W 7268VT3	VT3	P250	96	207.7	14.0	0.3	31.0	1,246.2	9	
Dyna-Gro	D35RR40	RR2	P250	95	207.6	13.7	3.0	32.3	1,245.6	10	
Mustang	4404	3000GT	P500,V	95	207.1	14.2	0.0	34.6	1,242.6	11	
Dyna-Gro	D37VP71	VT3P	P250	97	206.8	13.9	0.0	31.0	1,240.8	12	
LG Seeds	LG2468VT3	VT3	P500,V	97	206.5	14.5	0.0	31.4	1,239.0	13	
Gold Country	96-20	VT3P	P250	96	206.0	13.9	0.0	31.9	1,236.0	14	
Renk	RK580VT3	VT3	P250	98	206.0	14.2	1.3	29.6	1,236.0	15	
Trelay	4VP643	VT3P	P500,V	96	205.0	13.6	0.3	32.8	1,230.0	16	
Channel	195-46STX	STX	P500,V	95	205.0	13.8	1.3	33.3	1,230.0	17	
Jung	7V429	VT3P	P500	96	204.9	13.7	1.3	31.9	1,229.4	18	
Producers	5784VT3	VT3	P500,V	97	204.2	14.0	1.3	33.2	1,225.2	19	
Anderson	628VT3	VT3	C250	96	203.9	13.6	6.7	33.3	1,223.4	20	
Wensman	W 7273VT3	VT3	P250	98	203.5	13.9	0.0	30.5	1,221.0	21	
Gold Country	93-07	VT3P	P250	93	203.1	13.8	0.3	32.3	1,218.6	22	
Gold Country	95-15	STX	P500,V	95	203.0	14.0	0.0	33.3	1,218.0	23	
Wensman	W 7270VT3PRO	VT3P	P250	97	202.9	13.9	0.3	30.5	1,217.4	24	
Anderson	812VT3	VT3	C250	93	201.9	14.0	0.0	33.3	1,211.4	25	
Mustang	4689	VT3	P500,V	95	201.9	14.2	2.7	32.3	1,211.4	26	
G2 Genetics	5H-696 <sup>^</sup> *	HX,RR2	C250	96	200.9	14.9	0.0	25.5	1,205.4	27	
Anderson	617R	RR2	None	98	200.7	13.8	0.0	29.6	1,204.2	29	
Wensman	W 7143VT3	VT3	P250	93	200.1	13.8	3.0	30.5	1,200.6	30	
Titan Pro	80A93GL	3000GT	C250	93	200.1	13.4	5.3	31.0	1,200.6	31	
Dekalb	DKC48-12 CK	STX	P500,V	98	200.8	13.7	3.0	33.7	1,204.8	28	
					Test Average =	<b>198.7</b>	<b>14.1</b>	<b>2.0</b>	<b>31.6</b>	<b>1,192.2</b>	
					LSD (0.10) =	12.7	0.5	5.6			
					C.V. =	4.7	2.7				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Delayed planting due to very wet spring. Part of the Full Season test had ponded water, which lowered stands. July's heat and humidity yielded fast growth without causing leaves to roll (due to lack of moisture). Less than 1" OF rain fell in Aug and Sept. Frost on Sept 15 killed 80% of plants. Winds in July caused greensnap, and in Aug caused stalk breakage.* Lat: N44.41573, Long: W-94.18633

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.00

<sup>†</sup> TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

<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

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

Wayne &amp; Dale Bjorklund, Nicollet County, MN 56074 [ NICOLLET ]

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


B1MNBC01b

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Clarion-Canisteo-Webster clay loam, well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 5.5 pH, 4.1% OM  
 PEST MANAGEMENT: Force, Roundup, Callisto  
 FERTILITY - Applied N: 155 Fall,  
 Applied N-P-K (units): 155-92-120  
 SEEDED - RATE: May 16 35,680 /A  
 HARVESTED - STAND: Oct 21 30,100 /A

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

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking	Y84-00RL	3000GT	C250	100	208.0	15.4	2.0	33.5	1,245.9	1
Channel	201-16VT3	VT3	P500,V	101	207.2	15.5	2.0	32.8	1,240.6	2
Dairyland	ST-9799	VT3	C250	99	204.3	14.4	2.0	31.5	1,225.8	3
Kruger	K-6201VT3	VT3	P500,V	101	202.9	15.5	4.5	32.2	1,214.9	5
Channel	201-85VT3P	VT3P	P500,V	101	202.7	13.8	0.5	32.2	1,216.2	4
G2 Genetics	5H-502^*	HX,RR2	C250	102	201.0	15.9	0.0	32.8	1,201.5	8
Trelay	6VT154	VT3	P500,V	102	200.5	14.9	0.0	30.1	1,203.0	7
Dekalb	DKC52-59 GC	VT3	n/a	102	198.6	13.9	6.5	32.2	1,191.6	9
Renk	RK698VT3	VT3	P250	102	198.4	14.5	0.0	31.5	1,190.4	10
NuTech	5N-001*	3000GT	C250	100	198.2	14.9	0.0	27.3	1,189.2	11
Croplan	4338SS GC	STX	C250	100	198.1	14.7	0.0	30.8	1,188.6	12
Dekalb	DKC51-85 GC	STX	P500,V	101	196.7	14.9	0.0	30.1	1,180.2	13
Trelay	5VP688	VT3P	P500,V	101	196.0	14.1	0.5	28.7	1,176.0	14
Wensman	W 7320VT3PRO	VT3P	P250	101	196.0	14.7	0.5	24.6	1,176.0	15
Anderson	626R	RR2	None	100	194.6	14.7	0.0	32.8	1,167.6	16
Kruger	K4-9302	STX	P500,V	102	194.2	15.4	0.0	26.0	1,163.3	18
Titan Pro	89A02GL	3000GT	C250	102	194.0	14.8	0.5	29.4	1,164.0	17
Stine	9417VT3*	VT3	C250	100	193.6	13.6	0.0	29.4	1,161.6	19
Wensman	W 7360VT3	VT3	P250	103	193.0	14.6	0.0	33.5	1,158.0	20
Producers	6044VT3	VT3	P250	100	192.9	14.3	0.0	32.8	1,157.4	21
Titan Pro	80A00GL	3000GT	C250	100	192.1	14.0	10.0	33.5	1,152.6	22
Trelay	6VP125	VT3P	P500,V	102	191.8	15.3	0.0	19.2	1,149.4	24
Dekalb	DKC50-66 GC	VT3	n/a	100	191.7	14.3	0.0	32.8	1,150.2	23
Wensman	W 7290VT3PRO	VT3P	P250	99	190.8	14.3	0.5	28.7	1,144.8	25
Gold Country	100-07	VT3	P250	100	190.4	14.2	0.0	29.4	1,142.4	26
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	190.3	14.7	0.0	30.8	1,141.8	27
G2 Genetics	5H-501^*	HX,RR2	C250	101	189.0	14.6	1.0	30.8	1,134.0	28
Kruger	K-6399VT3	VT3	P500,V	99	188.5	14.3	0.0	32.1	1,131.0	29
Producers	5904VT3Pro	VT3P	P250	99	187.9	15.1	0.0	31.5	1,126.9	30
NuTech	5N-102*	3000GT	C250	102	187.2	15.2	0.5	27.3	1,122.3	31
Dekalb	DKC48-12 CK	STX	P500,V	98	202.0	14.4	0.5	30.1	1,212.0	6
Test Average =					191.1	14.7	2.5	30.1	1,146.1	
LSD (0.10) =					15.3	0.8	7.4			
C.V. =					4.8	3.4				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Delayed planting due to very wet spring. Part of the Full Season test had ponded water, which lowered stands. July's heat and humidity yielded fast growth without causing leaves to roll (due to lack of moisture). Less than 1" OF rain fell in Aug and Sept. Frost on Sept 15 killed 80% of plants. Winds in July caused greensnap, and in Aug caused stalk breakage.*

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

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Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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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