

**2010 BETTER HYBRIDS Harvest Report for Minnesota West Central [ MNWC ]**
**EARLY SEASON TEST**

Brian Hicks, Lyon County, MN 56175 [ TRACY ]

**93 - 98 Day CRM**

PREV. CROP/HERB: Corn, 2+ yr / Force, Harness, Accent, Laudis, Atrazine B0MNWC06a  
 SOIL DESCRIPTION: Normania silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7.2 pH, 5.7% OM  
 PEST MANAGEMENT: Force, Roundup twice 30" ROW SPACING  
 FERTILITY - Applied N: 170 Spring,  
 Applied N-P-K (units): 170-0-0  
 SEEDED - RATE: May 4 36,500 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 16 32,900 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Producers	5784VT3	VT3	P250	<b>209.1</b>	13.0	0.0	32.4	\$1,122.9	1
Channel	196-06VT3	VT3	P250	<b>199.7</b>	12.9	1.3	35.3	\$1,073.6	2
Trelay	4VP643	VT3P	P250	<b>198.7</b>	12.8	0.0	35.3	\$1,069.4	3
LG Seeds	LG2469VT3	VT3	P250	195.5	12.8	0.0	32.4	\$1,052.2	4
Wensman	W7273VT3	VT3	P250	195.4	13.0	0.0	33.4	\$1,049.3	6
Gold Country	96-20	VT3P	P250	193.3	12.8	0.0	31.4	\$1,040.3	7
Channel	194-27VT3	VT3	P250	192.2	13.0	0.0	31.0	\$1,032.1	8
Mustang	4313VT3	VT3	P250	191.2	12.7	0.3	33.4	\$1,030.2	9
AgSource	5N-398	3000GT	C250	190.7	12.9	0.0	34.8	\$1,025.2	10
Johnson	JSC4986VT3	VT3	P250	190.6	13.3	0.3	33.8	\$1,020.1	11
Pannar	5B-960	VT3	C250	189.8	13.3	0.0	32.4	\$1,015.8	12
Mustang	4322VT3	VT3	P250	189.6	13.3	0.3	34.3	\$1,014.7	13
Gold Country	95-50	VT3	P250	188.4	12.9	0.3	34.9	\$1,012.8	14
Pannar	5D-303	VT3	C250	188.2	13.2	0.0	33.4	\$1,008.4	17
Producers	5804VT3Pro	VT3P	P250	187.6	12.9	0.0	33.4	\$1,008.5	16
Wensman	W7143VT3	VT3	P250	187.5	12.8	0.0	33.4	\$1,009.1	15
NuTech	G2 5H-696^	HX,RR2	C250	186.3	13.3	0.0	31.4	\$997.1	20
Channel	193-46VT3	VT3	P250	185.6	12.6	0.0	33.4	\$1,001.1	18
Kruger	K-6194VT3	VT3	P500,V	185.5	12.9	5.3	34.3	\$997.2	19
Channel	197-14VT3	VT3	P250	185.0	13.2	0.0	32.4	\$991.2	21
NuTech	3T-098	VT3	C250	184.2	13.0	0.0	32.9	\$989.2	22
Stine	9311VT3Pro	VT3P	P250	183.7	13.1	0.0	34.9	\$985.4	23
Trelay	4VP726	VT3P	P250	183.2	13.2	0.0	34.3	\$981.6	27
Kruger	K-7495	VT3P	P250	182.7	12.8	0.3	33.9	\$983.3	25
Renk	RK559VT3P	VT3P	P250	182.6	12.7	0.3	31.4	\$983.8	24
Renk	RK580VT3	VT3	P250	182.4	12.7	0.0	35.3	\$982.8	26
Stine	9417VT3	VT3	P250	181.1	12.8	0.0	35.3	\$974.7	28
LG Seeds	LG2426VT3	VT3	P250	179.3	12.7	0.0	31.4	\$966.1	29
Anderson	628R	RR2	None	178.9	12.9	0.3	27.1	\$961.8	30
Anderson	812VT3	VT3	C250	178.7	13.0	0.0	34.8	\$959.6	31
<b>Dekalb</b>	<b>DKC48-37 CK</b>	<b>VT3</b>	<b>P250</b>	<b>195.7</b>	<b>13.1</b>	<b>0.0</b>	<b>31.0</b>	<b>\$1,049.7</b>	<b>5</b>
Test Average =				<b>178.1</b>	<b>12.9</b>	<b>0.3</b>	<b>32.9</b>	<b>\$956.9</b>	
LSD (0.10) =				17.8	0.2	2.1			
C.V. =				7.4	1.4				

**TEST COMMENTS:** *This long-term corn site received excessive rains several times this season, but Brian estimates that the most damaging rainfall event was in mid-June, when he received over 5 inches of water. This set the tone for a soggy root zone in this well-tiled but flat field. The soil never dried out until harvest, affecting yields across his field.* Lat: N44.3411, Long: W95.54589

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.25

<sup>†</sup> **TECHNOLOGY:** Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P  
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

<sup>††</sup> **IST:** AVC - Avicta Complete, 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 chosen product, \* = brands without a seed lot number **ns** = not significantly different

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

AgSCI Copyright 2010

Report Date: 10/18/2010

Revised:

**2010 BETTER HYBRIDS Harvest Report for Minnesota West Central [ MNWC ]**
**FULL SEASON TEST**

Brian Hicks, Lyon County, MN 56175 [ TRACY ]

**99 - 102 Day CRM**

BOMNWC06b

PREV. CROP/HERB: Corn, 2+ yr / Force, Harness, Accent, Laudis, Atrazine  
 SOIL DESCRIPTION: Normania silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7.2 pH, 5.7% OM  
 PEST MANAGEMENT: Force, Roundup twice  
 FERTILITY - Applied N: 170 Spring,  
 Applied N-P-K (units): 170-0-0

30" ROW SPACING

SEEDED - RATE: May 4 36,500 /A  
 HARVESTED - STAND: Oct 16 32,600 /A

**TOP 30 OF 53 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	3T-300	VT3	C250	205.5	14.0	0.0	31.4	\$1,091.2	1
Kruger	K-6102VT3	VT3	C250	199.2	14.2	0.0	35.3	\$1,055.4	2
Johnson	JSC4016VT3	VT3	P250	195.2	14.5	0.0	27.1	\$1,030.7	3
AgSource	3A-098	RR2	C250	193.0	13.5	0.0	29.5	\$1,030.6	4
Kruger	K-6201VT3	VT3	P250	191.5	14.4	0.0	33.4	\$1,012.3	8
Renk	RK619SSTX	SS	P250	191.4	14.1	0.0	32.4	\$1,015.2	7
Kruger	K-6399VT3	VT3	P250	191.3	13.8	0.0	33.9	\$1,018.1	6
Producers	6114VT3	VT3	P250	191.3	14.4	0.0	32.9	\$1,011.2	10
Fielders Choice	NG6546	VT3	P250	191.1	13.6	0.0	27.1	\$1,019.3	5
Gold Country	101-01	VT3	P250	191.1	14.3	0.0	30.0	\$1,011.3	9
Trelay	6VT154	VT3	P250	190.4	14.6	0.0	28.1	\$1,004.2	11
Fielders Choice	NG6583	VT3	P250	189.3	14.8	0.0	35.8	\$996.1	14
NuTech	3T-401	VT3	C250	188.3	14.2	0.0	35.8	\$997.6	12
Channel	201-16VT3	VT3	P250	187.8	14.4	0.0	34.4	\$992.7	16
Dekalb	DKC52-59 GC	VT3	P250	187.1	13.7	0.0	28.0	\$996.9	13
Anderson	605VT3	VT3	C250	186.8	13.9	0.0	32.9	\$993.0	15
Croplan	4338VT3 GC	VT3	C250	186.0	13.9	0.0	31.9	\$988.8	17
Gold Country	102-05	VT3	P250	185.2	13.8	0.0	31.9	\$985.6	19
Gold Country	100-07	VT3	P250	185.0	13.6	0.0	29.5	\$986.8	18
Anderson	626R	RR2	None	184.2	13.8	0.0	34.3	\$980.3	20
Dekalb	DKC50-66 GC	VT3	P250	183.9	13.8	0.0	34.8	\$978.7	21
Pannar	5E-801	VT3	C250	183.9	13.8	0.3	31.0	\$978.7	22
Trelay	5VT379	VT3	P250	183.3	14.0	0.0	33.9	\$973.3	23
Gold Country	98-90	VT3P	P250	182.5	14.0	0.0	33.4	\$969.1	24
Wensman	W6307RR	RR2	P250	182.3	14.1	1.3	33.8	\$966.9	26
Wensman	W7267VT3	VT3	P250	180.7	13.3	0.0	34.3	\$967.1	25
AgSource	5X-100	HXT,RR2	C250	180.6	14.3	0.0	34.4	\$955.7	29
Wensman	W7289VT3	VT3	P250	180.3	13.9	0.0	35.3	\$958.5	27
Dairyland	ST9500Q	HXT,RR2	C250	180.2	14.2	0.0	33.9	\$954.7	30
Anderson	103R	RR2	None	180.1	14.2	0.0	30.9	\$954.2	31
Dekalb	DKC48-37 CK	VT3	P250	179.8	13.8	0.0	31.9	\$956.9	28
Test Average =				181.2	14.1	0.0	32.6	\$961.7	
LSD (0.10) =				17.1	0.4	0.5			
C.V. =				7.0	2.0				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *This long-term corn site received excessive rains several times this season, but Brian estimates that the most damaging rainfall event was in mid-June, when he received over 5 inches of water. This set the tone for a soggy root zone in this well-tiled but flat field. The soil never dried out until harvest, affecting yields across his field.* Lat: N44.3411, Long: W95.54589

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.060 Price = \$5.25

<sup>†</sup> **TECHNOLOGY:** Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P  
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

<sup>††</sup> **IST:** AVC - Avicta Complete, 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 chosen product, \* = brands without a seed lot number **ns** = not significantly different

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

AgSCI Copyright 2010

Report Date: 10/18/2010

Revised:



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
- Escalate<sup>™</sup> is a trademark of Beck's Superior Hybrids
- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
- Acceleron<sup>®</sup>, Genuity<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, SmartStax<sup>™</sup>, VT Double PRO<sup>™</sup>, VT Triple PRO<sup>™</sup>, YieldGard<sup>®</sup>, YieldGard VT Rootworm/RR2<sup>™</sup>, and YieldGard VT Triple<sup>®</sup> are trademarks of Monsanto Technology LLC.
- Agrisure<sup>®</sup>, ApronMaxx<sup>®</sup>, ApronXL<sup>®</sup>, Avicta<sup>®</sup>, Cruiser<sup>®</sup>, and CruiserMaxx<sup>®</sup> are trademarks of Syngenta.
- Inovate<sup>™</sup> System is a trademark of Valent