

**2010 BETTER HYBRIDS Harvest Report for Minnesota West Central [ MNWC ]**  
 Doug Nelson, Big Stone County, MN 56225 [ CLINTON ]

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

PREV. CROP/HERB: Soybean / Roundup B0MNWC04a  
 SOIL DESCRIPTION: Fram-Esmond silty clay loam, mod. well drained, conventional w/o fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.2 pH, 3.5% OM  
 PEST MANAGEMENT: Force, Roundup 30" ROW SPACING  
 FERTILITY - Applied N: 150 Spring,  
 Applied N-P-K (units): 150-75-30  
 SEEDING - RATE: May 5 36,500 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 21 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
NuTech	5H-797A	HX,RR2	C250	<b>236.3</b>	14.9	0.0	34.3	\$1,242.0	1
Channel	196-06VT3	VT3	P250	<b>233.6</b>	15.4	0.0	32.9	\$1,220.8	3
Producers	5784VT3	VT3	P250	<b>233.4</b>	14.8	0.0	33.9	\$1,228.2	2
Renk	RK559VT3P	VT3P	P250	232.1	14.9	0.0	30.9	\$1,219.9	4
Anderson	628VT3	VT3	C250	229.4	14.5	0.0	33.4	\$1,211.2	5
Johnson	JSC4986VT3	VT3	P250	229.0	16.1	0.0	33.9	\$1,187.1	17
Gold Country	96-20	VT3P	P250	228.9	14.6	0.0	36.8	\$1,207.2	6
Stine	9311VT3Pro	VT3P	P250	228.7	14.6	0.0	35.8	\$1,206.2	7
Stine	9417VT3	VT3	P250	227.9	15.2	0.0	32.9	\$1,193.7	10
Channel	194-27VT3	VT3	P250	226.7	14.9	0.0	35.8	\$1,191.5	14
Wensman	W7143VT3	VT3	P250	225.5	14.3	0.0	34.4	\$1,193.3	11
Anderson	811R	RR2	None	225.3	13.7	0.0	34.8	\$1,200.4	8
Kruger	K-7593	VT3P	P250	225.2	14.0	0.0	33.4	\$1,195.8	9
Trelay	4VP643	VT3P	P250	225.2	14.4	0.0	34.8	\$1,190.4	16
Wensman	W7270VT3Pro	VT3P	P250	225.0	14.2	0.0	33.4	\$1,192.1	12
Titan Pro	9094GL	CB/GT/LL	C250	224.6	14.1	0.3	33.4	\$1,191.3	15
Johnson	JSC4987-3GT	3000GT	P250	224.5	16.0	3.0	28.5	\$1,165.2	26
Gold Country	95-11	VT3	P250	224.4	14.0	0.0	33.4	\$1,191.6	13
Renk	RK580VT3	VT3	P250	223.8	15.1	0.0	32.9	\$1,173.6	20
Trelay	4VP726	VT3P	P250	223.8	15.4	0.0	36.8	\$1,169.6	23
Wensman	W7230VT3	VT3	P250	223.7	14.1	3.3	33.9	\$1,186.5	18
Renk	RK565GTCBLLRW	3000GT	C250	223.1	16.1	0.0	31.0	\$1,156.6	29
Trelay	4VT456	VT3	P250	222.7	14.7	0.0	33.4	\$1,173.2	21
Johnson	JSC4966VT3	VT3	P250	222.7	15.0	0.0	35.3	\$1,169.2	24
Fielders Choice	NG6446	VT3	P250	222.2	13.7	0.0	33.9	\$1,183.9	19
Kruger	K-6194VT3	VT3	P500,V	221.1	14.5	0.0	34.3	\$1,167.4	25
Channel	193-46VT3	VT3	P250	220.9	14.0	0.0	35.3	\$1,173.0	22
Pannar	5A-125	VT3	C250	220.8	14.8	0.0	32.9	\$1,161.8	27
Mustang	4330VT3	VT3	P250	220.6	14.8	0.0	33.8	\$1,160.8	28
Kruger	K-7495	VT3P	P250	218.7	14.5	0.0	34.3	\$1,154.7	30
<b>Dekalb</b>	<b>DKC48-37 CK</b>	<b>VT3</b>	<b>P250</b>	<b>213.0</b>	<b>14.5</b>	<b>0.0</b>	<b>32.9</b>	<b>\$1,124.6</b>	<b>51</b>
Test Average =				<b>219.3</b>	<b>14.9</b>	<b>0.2</b>	<b>32.9</b>	<b>\$1,153.1</b>	
LSD (0.10) =				13.5	0.5	1.4			
C.V. =				4.5	2.6				

**TEST COMMENTS:** *Excellent conditions at planting and warm temps with plenty of water allowed this crop to mature ahead of normal. Doug states that moisture at this site south of Clinton was almost perfect. That makes this one of the rare areas that did not receive too much rain this year!*

Lat: N45.38438, Long: W96.47297

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

**2010 BETTER HYBRIDS Harvest Report for Minnesota West Central [ MNWC ]**  
 Doug Nelson, Big Stone County, MN 56225 [ CLINTON ]

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

PREV. CROP/HERB: Soybean / Roundup B0MNWC04b  
 SOIL DESCRIPTION: Fram-Esmond silty clay loam, mod. well drained, conventional w/o fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.2 pH, 3.5% OM  
 PEST MANAGEMENT: Force, Roundup 30" ROW SPACING  
 FERTILITY - Applied N: 150 Spring,  
 Applied N-P-K (units): 150-75-30  
 SEEDED - RATE: May 5 36,500 /A TOP 30 OF 53 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 21 33,500 /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	6238STX	SS	P250	<b>234.2</b>	18.8	0.0	32.9	\$1,176.2	4
Dekalb	DKC50-66 GC	VT3	P250	<b>232.7</b>	15.2	0.0	34.8	\$1,218.9	1
Wensman	W7267VT3	VT3	P250	230.2	15.9	0.0	32.9	\$1,196.1	2
NuTech	3T-401	VT3	C250	228.0	16.3	0.0	34.3	\$1,179.2	3
Kruger	K-6102VT3	VT3	C250	226.1	16.9	0.0	34.3	\$1,161.2	7
Croplan	4338VT3 GC	VT3	C250	225.8	16.1	0.0	34.3	\$1,170.5	5
Pioneer	P9990XR GC	HXT,RR2	C250	224.4	17.3	0.0	33.4	\$1,147.1	11
Dekalb	DKC53-78 GC	SS	P250	223.8	17.0	0.0	35.3	\$1,148.1	9
Fielders Choice	NG6510	VT3	P250	223.3	15.7	0.0	36.3	\$1,162.9	6
Mycogen	2H490	SS	C250	223.1	17.7	0.0	34.3	\$1,135.1	16
Anderson	103R	RR2	None	222.3	16.8	3.3	34.4	\$1,143.1	12
NuTech	G2 5H-502^	HX,RR2	C250	221.9	17.3	0.0	31.0	\$1,134.4	18
Channel	199-55VT3	VT3	P250	221.3	15.6	0.0	34.4	\$1,153.9	8
Fielders Choice	NG6546	VT3	P250	220.0	16.2	0.0	33.9	\$1,139.2	14
Gold Country	98-90	VT3P	P250	219.6	16.5	0.0	35.3	\$1,133.1	19
Gold Country	102-05	VT3	P250	219.5	15.9	0.0	33.9	\$1,140.5	13
Stine	9421RR	RR2	P250	219.4	16.3	0.0	34.3	\$1,134.7	17
Johnson	JSC4016VT3	VT3	P250	218.6	16.5	0.0	34.3	\$1,128.0	23
Gold Country	101-01	VT3	P250	218.5	16.8	0.0	33.4	\$1,123.5	25
Kruger	K-6201VT3	VT3	P250	218.3	18.1	0.0	34.8	\$1,105.5	31
Wensman	W7289VT3	VT3	P250	218.1	16.3	0.0	30.5	\$1,128.0	22
Dekalb	DKC50-35 GC	VT3	P250	217.9	15.4	0.0	32.9	\$1,138.7	15
Trelay	5VT379	VT3	P250	217.7	16.0	0.0	34.8	\$1,129.9	21
Kruger	K-6399VT3	VT3	P250	217.6	15.8	0.0	33.4	\$1,132.0	20
NuTech	5N-001	3000GT	C250	217.3	16.6	0.0	32.4	\$1,120.0	28
NuTech	3T-300	VT3	C250	217.1	16.3	0.0	30.5	\$1,122.8	26
Dekalb	DKC52-59 GC	VT3	P250	217.0	16.4	0.0	35.3	\$1,121.0	27
AgSource	3A-098	RR2	C250	214.9	15.7	0.3	34.4	\$1,119.2	29
LG Seeds	LG2478VT3Pro	VT3P	P250	213.6	14.5	0.0	34.8	\$1,127.8	24
Gold Country	100-07	VT3	P250	212.9	15.5	0.0	32.9	\$1,111.3	30
Dekalb	DKC48-37 CK	VT3	P250	218.4	14.9	0.0	34.3	\$1,147.9	10
Test Average =				<b>215.3</b>	<b>16.6</b>	<b>0.1</b>	<b>33.5</b>	<b>\$1,109.4</b>	
LSD (0.10) =				15.6	1.0	1.1			
C.V. =				5.3	4.5				

**TEST COMMENTS:** *Excellent conditions at planting and warm temps with plenty of water allowed this crop to mature ahead of normal. Doug states that moisture at this site south of Clinton was almost perfect. That makes this one of the rare areas that did not receive too much rain this year!*  
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## 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.
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