

**2011 BETTER HYBRIDS Harvest Report for Red River Valley [ RDRV ]**

Mark Yaggie, Wilkin County, MN 56520 [ FOXHOME ]

**EARLY SEASON TEST**
**85 - 90 Day CRM**

B1RDRV06a

PREV. CROP/HERB: Sugarbeet / Roundup  
 SOIL DESCRIPTION: Rockwell loam, poor drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: Moderate P, mod. high K, 7.9 pH, 6% OM  
 PEST MANAGEMENT: Roundup, Harness  
 FERTILITY - Applied N: 145 Fall, 5 Spring,  
 Applied N-P-K (units): 150-10-5

30" ROW SPACING

SEEDED - RATE: May 16 34,000 /A  
 HARVESTED - STAND: Oct 18 30,700 /A

**TOP 30 OF 48 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
Mustang	2307	VT3	P500,V	86	<b>199.5</b>	14.4	1.0	31.2	1,197.0	1
Rea	3B266	VT2P	P250	89	<b>193.9</b>	14.5	1.0	31.2	1,163.4	3
Dairyland	ST-7985	GT/CB/LL	C250	86	<b>193.9</b>	15.1	1.0	31.2	1,162.4	4
Kruger	K-7386	VT3P	P500,V	86	<b>193.3</b>	14.6	1.0	32.7	1,159.8	5
Wensman	W 7107VT3	VT3	P250	90	<b>193.3</b>	16.1	1.0	34.9	1,149.2	8
Rea	3B330	VT2P	P250,V	90	<b>192.7</b>	15.7	1.0	29.8	1,149.5	7
Gold Country	89-09	VT3P	P250	89	<b>191.8</b>	14.7	1.0	32.0	1,150.8	6
Renk	RK334RR	RR2	P250	90	<b>190.7</b>	14.4	1.0	28.3	1,144.2	9
Channel	190-21VT3P	VT3P	P500,V	90	<b>190.3</b>	15.2	1.0	31.9	1,139.9	10
Producers	5004VT3	VT3	P500,V	90	<b>190.2</b>	15.7	2.5	29.8	1,134.5	11
Kruger	K-4189	VT2P	P500,V	89	<b>187.2</b>	14.8	1.0	32.7	1,123.2	12
Channel	190-95VT3P	VT3P	P500,V	90	184.4	14.7	1.0	26.9	1,106.4	13
Gold Country	87-27	VT2P	P250	87	183.7	14.4	1.0	29.0	1,102.2	14
Producers	4972RR	RR2	P500,V	89	183.1	14.1	1.0	29.8	1,098.6	15
Dyna-Gro	51V57	VT3	P250	85	181.9	13.8	1.0	30.5	1,091.4	16
Wensman	W 8089VT2PRO	VT2P	P250	86	181.0	13.3	1.0	30.5	1,086.0	17
Dyna-Gro	52V01	VT3	P250	87	179.3	14.2	1.0	32.7	1,075.8	18
Wensman	W 8085VT2PRO	VT2P	P250	84	177.1	13.5	1.0	32.7	1,062.6	19
Seeds 2000	2903GTCBLL	GT/CB/LL	C250	90	176.1	14.1	1.0	30.5	1,056.6	20
Seeds 2000	2852GTCBLL	GT/CB/LL	C250	85	175.9	15.4	1.0	31.2	1,051.9	21
AgVenture/Scherr	2708	3000GT	P250	88	175.2	15.4	1.0	31.2	1,047.7	22
NuTech	5N-290*	3000GT	C250	90	171.3	12.7	2.5	31.9	1,027.8	23
Kruger	K4-9489	STX	P500,V	89	171.0	17.5	2.5	30.5	1,004.6	28
Gold Country	84-03	VT3P	P250	85	170.5	13.3	1.0	32.0	1,023.0	24
G2 Genetics	5X-8901^	HXT,RR2	P1250,V	89	170.2	14.9	1.0	24.0	1,021.2	25
Gold Country	89-43	STX	P250	89	169.5	18.7	1.0	32.0	985.6	31
G2 Genetics	5X-9101^	HXT,RR2	P1250,V	90	169.3	15.9	1.0	29.1	1,008.2	27
NuTech	5N-186*	3000GT	C250	86	168.6	14.5	2.5	32.0	1,011.6	26
Mustang	3026	GT/CB/LL	P500,V	90	166.0	14.8	5.0	31.2	996.0	29
Rea	2V550	VT3P	P250	85	165.9	14.4	1.0	32.7	995.4	30
Rea	3V376 CK	VT3P	P250	89	<b>195.6</b>	14.9	1.0	29.8	1,173.6	2
Test Average =					<b>172.4</b>	<b>14.8</b>	<b>2.7</b>	<b>30.7</b>	<b>1,031.5</b>	
LSD (0.10) =					14.2	0.8	11.1			
C.V. =					4.9	3.1				



F.I.R.S.T. Manager

**TEST COMMENTS:** *We had a wet start after planting as saturated soils affected plant vigor in some sections of the plot. Conditions dried out in August and September and a September 15 frost finished the growing season. The dry weather in the fall has made for extremely good harvest conditions in the area and the plot was no exception.*

Lat: N46.23802, Long: W-96.24587

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.050 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

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

AgSCI Copyright 2011

Report Date: 10/21/2011

Revised:

**2011 BETTER HYBRIDS Harvest Report for Red River Valley [ RDRV ]**

Mark Yaggie, Wilkin County, MN 56520 [ FOXHOME ]

**FULL SEASON TEST**
**91 - 94 Day CRM**

B1RDRV06b

PREV. CROP/HERB: Sugarbeet / Roundup  
 SOIL DESCRIPTION: Rockwell loam, poor drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Moderate P, mod. high K, 7.9 pH, 6% OM  
 PEST MANAGEMENT: Roundup, Harness  
 FERTILITY - Applied N: 145 Fall, 5 Spring,  
 Applied N-P-K (units): 150-10-5

30" ROW SPACING

SEEDED - RATE: May 16 34,000 /A  
 HARVESTED - STAND: Oct 18 30,300 /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
Dyna-Gro	D35RR40	RR2	P250	95	<b>206.6</b>	14.9	2.5	31.2	1,239.6	1
Kruger	K-7495	VT3P	P500,V	95	<b>202.7</b>	16.0	1.0	31.2	1,206.1	4
Gold Country	93-07	VT3P	P250	93	<b>201.7</b>	14.7	1.0	30.5	1,210.2	3
Rea	4V588	VT3P	P250	94	<b>200.8</b>	15.0	1.0	30.5	1,204.8	5
Proseed	1193VT3Pro*	VT3P	C250	93	<b>195.9</b>	15.8	1.0	31.2	1,167.6	6
Hyland	8323	STX	P250	92	<b>195.7</b>	17.7	1.0	27.6	1,147.8	9
Wensman	W 8120VT2PRO	VT2P	P250	92	193.0	15.0	1.0	31.9	1,158.0	7
Rea	4B285	VT2P	P250	93	192.6	15.8	1.0	32.7	1,147.9	8
Wensman	W 6193RR	RR2	P250	94	191.5	15.4	1.0	34.1	1,145.2	10
Wensman	W 7140VT3PRO	VT3P	P250	93	190.1	16.3	1.0	30.5	1,128.2	13
Kruger	K-7593	VT3P	P500,V	93	189.5	15.1	1.0	31.9	1,136.1	11
Channel	193-46VT3	VT3	P500,V	93	189.5	15.9	1.0	29.1	1,128.5	12
Stine	9311VT3Pro*	VT3P	C250	93	188.0	16.2	1.0	30.5	1,116.7	16
Mustang	3347	VT3	P500,V	92	187.7	15.1	1.0	29.1	1,125.3	14
Stine	9206RR*	RR2	C250	91	186.3	14.8	1.0	29.8	1,117.8	15
Renk	RK530VT3P	VT3P	P250	94	186.2	16.2	1.0	32.7	1,106.0	19
Dyna-Gro	D32VP29	VT3P	P250	92	185.7	14.7	1.0	30.5	1,114.2	17
Proseed	1191VT3Pro*	VT3P	C250	91	185.1	14.5	1.0	29.8	1,110.6	18
Stine	9207GTCBLL*	GT/CB/LL	C250	91	183.4	14.2	2.5	29.8	1,100.4	20
Seeds 2000	9202VT2P	VT2P	P250	92	181.9	14.6	1.0	30.5	1,091.4	21
Channel	194-27VT2P	VT2P	P500,V	94	180.8	15.7	1.0	31.9	1,078.5	22
Proseed	1091-3000GT*	3000GT	C250	91	179.6	14.5	1.0	31.2	1,077.6	23
Gold Country	93-39	VT3P	P250	93	179.0	15.3	1.0	31.2	1,071.3	24
Gold Country	94-29	VT3	P250	94	178.3	16.2	1.0	30.5	1,059.1	30
Hyland	8386*	STX	P250	92	178.1	15.3	1.0	26.9	1,065.9	26
G2 Genetics	5H-492^	HX,RR2	P1250,V	92	177.8	14.5	1.0	26.9	1,066.8	25
Dairyland	ST-9992	VT3	C250	92	177.6	15.4	1.0	29.1	1,062.0	27
Producers	5223VT2Pro	VT2P	P500,V	92	177.5	15.6	1.0	27.6	1,059.7	29
AgVenture/Scherr	GL4342ABW	3000GT	C250	92	176.8	13.6	1.0	31.2	1,060.8	28
Hyland	8454*	STX	P250	98	174.0	15.5	1.0	31.2	1,039.7	31
Rea	3V376 CK	VT3P	P250	89	<b>202.8</b>	14.6	1.0	28.3	1,216.8	2
Test Average =					<b>180.7</b>	<b>15.4</b>	<b>1.4</b>	<b>30.3</b>	<b>1,079.1</b>	
LSD (0.10) =					14.9	1.0	3.7			
C.V. =					4.9	3.7				



F.I.R.S.T. Manager

**TEST COMMENTS:** *We had a wet start after planting as saturated soils affected plant vigor in some sections of the plot. Conditions dried out in August and September and a September 15 frost finished the growing season. The dry weather in the fall has made for extremely good harvest conditions in the area and the plot was no exception.*

Lat: N46.23802, Long: W-96.24587

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.050 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

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

AgSCI Copyright 2011

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 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®

### Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaicho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent