

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

Mark Kasin, Clay County, MN 56549 [ HAWLEY ]

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

B1RDRV03a

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Sverdrup sandy loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 6.7 pH, 3% OM  
 PEST MANAGEMENT: Roundup PowerMax  
 FERTILITY - Applied N: 140 Spring, 10 Foliar  
 Applied N-P-K (units): 150-30-30  
 SEEDED - RATE: May 17 30,100 /A  
 HARVESTED - STAND: Oct 21 28,000 /A

**TOP 30 OF 48 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
Dyna-Gro	52V01	VT3	P250	87	<b>190.5</b>	12.7	1.0	29.0	1,143.0	1
Gold Country	89-09	VT3P	P250	89	<b>187.7</b>	12.2	1.0	26.6	1,126.2	2
Kruger	K-4189	VT2P	P500,V	89	<b>187.6</b>	12.4	1.0	27.6	1,125.6	3
Rea	3B266	VT2P	P250	89	<b>181.3</b>	12.4	1.0	28.5	1,087.8	5
Kruger	K-7386	VT3P	P500,V	86	<b>180.4</b>	12.6	1.0	26.6	1,082.4	6
Mustang	2307	VT3	P500,V	86	<b>180.1</b>	12.5	1.0	26.1	1,080.6	7
Rea	3B330	VT2P	P250,V	90	<b>179.5</b>	12.6	1.0	30.0	1,077.0	8
Dyna-Gro	51V57	VT3	P250	85	176.4	12.3	1.0	26.6	1,058.4	9
Producers	4972RR	RR2	P500,V	89	174.4	12.6	1.0	27.1	1,046.4	10
Channel	190-21VT3P	VT3P	P500,V	90	174.1	12.6	1.0	27.1	1,044.6	11
Channel	190-95VT3P	VT3P	P500,V	90	173.8	12.3	1.0	27.6	1,042.8	12
Renk	RK334RR	RR2	P250	90	173.4	12.4	1.0	29.0	1,040.4	13
NuTech	5N-290*	3000GT	C250	90	173.1	11.8	1.0	27.1	1,038.6	14
Rea	2V550	VT3P	P250	85	173.1	12.7	1.0	29.0	1,038.6	15
Wensman	W 8089VT2PRO	VT2P	P250	86	171.8	12.3	1.0	28.5	1,030.8	16
Kruger	K4-9489	STX	P500,V	89	170.3	14.5	1.0	27.1	1,021.8	17
Proseed	1083GT*	GT	C250	83	170.1	12.1	1.0	27.6	1,020.6	18
Renk	RK302GTCBLLRW	3000GT	C250	90	169.5	11.7	1.0	27.1	1,017.0	19
NuTech	5N-186*	3000GT	C250	86	169.3	12.2	2.0	28.0	1,015.8	20
Gold Country	87-27	VT2P	P250	87	168.0	12.6	1.0	29.0	1,008.0	21
Proseed	1189GT*	GT	C250	89	167.7	12.3	1.0	29.0	1,006.2	22
Seeds 2000	2852GTCBLL	GT/CB/LL	C250	85	167.2	12.7	1.0	29.5	1,003.2	23
Hyland	8234*	STX	P250	86	167.0	12.6	1.0	27.6	1,002.0	24
Rea	2V688	VT3P	P250	86	166.8	12.1	1.0	27.6	1,000.8	25
Proseed	1086-3000GT*	3000GT	C250	86	166.3	12.4	2.0	28.5	997.8	26
Wensman	W 8085VT2PRO	VT2P	P250	84	165.0	12.3	1.0	26.6	990.0	27
G2 Genetics	5X-8901^	HXT,RR2	P1250,V	89	164.6	13.3	1.0	28.1	987.6	28
Seeds 2000	2903GTCBLL	GT/CB/LL	C250	90	163.5	12.4	1.0	26.6	981.0	29
Gold Country	89-43	STX	P250	89	161.2	14.9	1.0	28.5	967.2	30
Dairyland	ST-7985	GT/CB/LL	C250	86	161.0	12.7	7.0	27.6	966.0	31
Rea	3V376 CK	VT3P	P250	89	<b>181.4</b>	12.3	1.0	28.1	1,088.4	4
Test Average =					<b>162.2</b>	<b>12.6</b>	<b>2.8</b>	<b>28.0</b>	<b>972.9</b>	
LSD (0.10) =					17.0	0.7	5.0			
C.V. =					7.7	4.3				



F.I.R.S.T. Manager

**TEST COMMENTS:** This site drained well which really helped after planting as soils were saturated in the spring and early summer.

This area dried out in the fall and harvest conditions were excellent. We had a good planting date which was good cause we had a frost

on September 15. This was good plot despite the weather challenges in the area.

Lat: N46.81954, Long: W-96.32699

Yield &amp; 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)

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Report Date: 10/23/2011

Revised:

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

Mark Kasin, Clay County, MN 56549 [ HAWLEY ]

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

B1RDRV03b

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Sverdrup sandy loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.7 pH, 3% OM  
 PEST MANAGEMENT: Roundup PowerMax  
 FERTILITY - Applied N: 140 Spring, 10 Foliar  
 Applied N-P-K (units): 150-30-30

30" ROW SPACING

SEEDED - RATE: May 17 30,100 /A  
 HARVESTED - STAND: Oct 21 28,300 /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
Rea	4B285	VT2P	P250	93	<b>190.3</b>	12.1	1.0	29.0	1,141.8	1
Seeds 2000	9202VT2P	VT2P	P250	92	<b>178.6</b>	11.9	2.0	28.5	1,071.6	2
Rea	4V588	VT3P	P250	94	<b>178.3</b>	11.8	1.0	29.5	1,069.8	3
Dyna-Gro	D35RR40	RR2	P250	95	174.6	11.8	1.0	30.0	1,047.6	4
Kruger	K-4292	VT2P	P500,V	92	171.8	12.0	1.0	29.5	1,030.8	5
Wensman	W 7140VT3PRO	VT3P	P250	93	171.5	12.6	1.0	29.5	1,029.0	6
Dairyland	ST-9992	VT3	C250	92	170.1	12.2	1.0	27.6	1,020.6	7
Proseed	1193VT3Pro*	VT3P	C250	93	169.6	12.5	1.0	29.0	1,017.6	8
Producers	5408STX	STX	P500,V	94	169.3	12.9	1.0	28.5	1,015.8	9
Dairyland	ST-6494	RR2	C250	94	167.4	12.1	1.0	29.0	1,004.4	10
Rea	3T544	VT3	P250	92	165.5	13.0	1.0	26.1	993.0	11
Renk	RK530VT3P	VT3P	P250	94	164.2	12.3	2.0	30.5	985.2	12
Hyland	8323	STX	P250	92	163.8	13.8	2.0	26.6	982.8	13
Stine	9207GTCBLL*	GT/CB/LL	C250	91	163.7	11.9	1.0	26.1	982.2	14
Dairyland	ST-7291	HX,RR2	C250	91	162.4	12.0	1.0	28.0	974.4	15
Stine	9206RR*	RR2	C250	91	162.1	11.7	1.0	26.6	972.6	16
Wensman	W 8120VT2PRO	VT2P	P250	92	162.1	12.5	1.0	29.0	972.6	17
Channel	193-46VT3	VT3	P500,V	93	160.8	12.1	2.0	27.1	964.8	18
Proseed	1191VT3Pro*	VT3P	C250	91	160.2	12.2	1.0	27.6	961.2	19
Gold Country	93-07	VT3P	P250	93	159.8	12.2	1.0	29.5	958.8	20
Gold Country	94-29	VT3	P250	94	159.8	12.3	1.0	29.5	958.8	21
Kruger	K-7593	VT3P	P500,V	93	158.6	11.8	3.7	26.6	951.6	22
AgVenture/Scherr	GL4342ABW	3000GT	C250	92	158.3	11.5	1.0	26.6	949.8	23
Stine	9311VT3Pro*	VT3P	C250	93	158.1	13.0	2.0	28.5	948.6	24
Channel	194-27VT2P	VT2P	P500,V	94	158.0	12.3	1.0	28.1	948.0	25
Mustang	3347	VT3	P500,V	92	157.3	12.5	1.0	29.5	943.8	26
Gold Country	93-39	VT3P	P250	93	156.4	11.9	3.7	28.5	938.4	27
Rea	3V440	VT3P	P250	91	156.1	12.1	1.0	27.1	936.6	28
Dyna-Gro	D32VP29	VT3P	P250	92	154.6	12.1	1.0	28.1	927.6	29
AgVenture/Scherr	4416	3000GT	P250	91	154.5	11.8	12.7	30.0	927.0	30
Rea	3V376 CK	VT3P	P250	89	150.3	11.6	2.0	27.1	901.8	35
Test Average =					<b>156.8</b>	<b>12.2</b>	<b>2.3</b>	<b>28.3</b>	<b>941.0</b>	
LSD (0.10) =					19.7	0.7	5.5			
C.V. =					9.2	4.0				



F.I.R.S.T. Manager

**TEST COMMENTS:** *This site drained well which really helped after planting as soils were saturated in the spring and early summer.*
*This area dried out in the fall and harvest conditions were excellent. We had a good planting date which was good cause we had a frost on September 15. This was good plot despite the weather challenges in the area.*

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## 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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