

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

Todd Larson, Sargent County, ND 58060 [ GWINNER ]

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

B1RDRV04a

PREV. CROP/HERB: Soybean / Roundup

SOIL DESCRIPTION: Hamerly-Tonka sandy clay, mod. poor drained, conventional w/ fall till, non-irrigated

SOIL CONDITION: Moderate P, mod. high K, 7.5 pH, 6% OM

PEST MANAGEMENT: Glyphosate, Force

30" ROW SPACING

FERTILITY - Applied N: 100 Fall, 25 Spring,

Applied N-P-K (units): 125-0-0

SEEDED - RATE: May 17 31,000 /A

**TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)**

HARVESTED - STAND: Oct 23 28,600 /A

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	52V01	VT3	P250	87	<b>162.6</b>	12.3	1.0	26.2	975.6	1
Producers	4972RR	RR2	P500,V	89	<b>160.2</b>	12.8	1.0	29.8	961.2	2
Rea	2V550	VT3P	P250	85	<b>157.7</b>	11.9	1.0	28.3	946.2	3
Channel	190-21VT3P	VT3P	P500,V	90	<b>156.6</b>	12.5	1.0	28.3	939.6	4
Mustang	2307	VT3	P500,V	86	150.5	13.1	1.0	26.1	903.0	5
Proseed	1086-3000GT*	3000GT	C250	86	150.4	13.0	1.0	31.2	902.4	6
Rea	3B330	VT2P	P250,V	90	150.1	12.8	2.5	26.9	900.6	7
Wensman	W 8089VT2PRO	VT2P	P250	86	147.5	12.6	1.0	28.3	885.0	8
Kruger	K-7386	VT3P	P500,V	86	146.5	13.1	1.0	27.6	879.0	9
Kruger	K-4189	VT2P	P500,V	89	144.9	13.1	13.0	29.0	869.4	10
Dyna-Gro	51V57	VT3	P250	85	144.1	12.4	1.0	27.6	864.6	11
Channel	187-74VT3P	VT3P	P500,V	87	141.4	12.3	2.5	28.3	848.4	12
Seeds 2000	2852GTCBLL	GT/CB/LL	C250	85	140.9	12.8	1.0	25.4	845.4	13
NuTech	5N-186*	3000GT	C250	86	140.2	12.5	2.5	27.6	841.2	14
Renk	RK334RR	RR2	P250	90	139.3	11.9	2.5	26.9	835.8	15
Dairyland	ST-7985	GT/CB/LL	C250	86	138.3	12.9	1.0	30.5	829.8	17
Mustang	3026	GT/CB/LL	P500,V	90	137.7	12.4	4.0	29.0	826.2	18
Gold Country	89-43	STX	P250	89	137.4	13.2	1.0	29.8	824.4	19
Gold Country	87-27	VT2P	P250	87	136.3	12.5	1.0	26.1	817.8	20
Wensman	W 8107VT2PRO	VT2P	P250	90	135.0	12.8	2.5	31.2	810.0	21
NuTech	5N-9001*	3000GT	C250	90	134.3	14.5	2.5	28.3	805.8	22
Kruger	K4-9489	STX	P500,V	89	134.0	12.9	1.0	29.8	804.0	23
Gold Country	89-09	VT3P	P250	89	133.4	12.0	1.0	30.5	800.4	24
Wensman	W 8085VT2PRO	VT2P	P250	84	132.4	12.4	2.5	29.0	794.4	25
Seeds 2000	2903GTCBLL	GT/CB/LL	C250	90	127.4	12.3	1.0	31.2	764.4	26
Kruger	K-6385VT3	VT3	P500,V	85	126.5	12.5	5.0	29.1	759.0	27
Proseed	1189GT*	GT	C250	89	121.3	13.9	8.5	27.6	727.8	28
Channel	190-95VT3P	VT3P	P500,V	90	120.4	13.0	5.0	29.8	722.4	29
Rea	2V688	VT3P	P250	86	119.1	12.2	1.0	31.2	714.6	30
Gold Country	84-03	VT3P	P250	85	118.6	12.8	1.0	29.8	711.6	31
Rea	3V376 CK	VT3P	P250	89	138.7	12.2	2.5	29.8	832.2	16
Test Average =					<b>128.8</b>	<b>12.6</b>	<b>4.4</b>	<b>28.6</b>	<b>772.6</b>	
LSD (0.10) =					26.3	0.9	17.0			
C.V. =					12.3	4.2				



F.I.R.S.T. Manager

**TEST COMMENTS:** *The spring was wet and after planting, more cool wet weather hurt the plot as saturated soils lingered. We dried out in the late summer and the crop was able to mature before a September 15 frost. The farmer reported lots of problems with green snap in the area and we saw some of that in the plot too. One rep in each test lost to variable yields from ponding.* Lat: N46.23614, Long: W-97.64984

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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Revised:

**2011 BETTER HYBRIDS Harvest Report for Red River Valley [ RDRV ]**  
 Todd Larson, Sargent County, ND 58060 [ GWINNER ]

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

B1RDRV04b

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Hamerly-Tonka sandy clay, mod. poor drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Moderate P, mod. high K, 7.5 pH, 6% OM  
 PEST MANAGEMENT: Glyphosate, Force  
 FERTILITY - Applied N: 100 Fall, 25 Spring,  
 Applied N-P-K (units): 125-0-0

30" ROW SPACING

SEEDED - RATE: May 17 31,000 /A  
 HARVESTED - STAND: Oct 23 29,400 /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
Rea	4B285	VT2P	P250	93	182.7	13.0	2.5	30.5	1,096.2	1
Kruger	K-4292	VT2P	P500,V	92	175.2	12.9	2.5	31.2	1,051.2	2
Gold Country	94-29	VT3	P250	94	167.5	13.6	1.0	30.5	1,005.0	3
Producers	5408STX	STX	P500,V	94	167.2	14.2	2.5	29.8	1,003.2	4
Seeds 2000	9202VT2P	VT2P	P250	92	163.4	13.1	1.0	30.5	980.4	5
Mustang	3347	VT3	P500,V	92	163.1	13.5	1.0	29.0	978.6	6
Wensman	W 7140VT3PRO	VT3P	P250	93	162.2	13.4	2.5	29.8	973.2	7
Stine	9206RR*	RR2	C250	91	161.5	13.1	2.5	29.1	969.0	8
Channel	194-27VT2P	VT2P	P500,V	94	158.7	13.8	2.5	29.0	952.2	9
Rea	3T544	VT3	P250	92	158.1	14.5	1.0	27.6	948.6	10
Channel	193-46VT3	VT3	P500,V	93	157.3	14.6	1.0	28.3	943.8	11
Dyna-Gro	D35RR40	RR2	P250	95	154.6	12.8	9.0	30.5	927.6	13
Hyland	8323	STX	P250	92	154.5	15.1	1.0	29.8	926.2	14
Proseed	1193VT3Pro*	VT3P	C250	93	153.4	13.5	1.0	31.2	920.4	15
Proseed	1091-3000GT*	3000GT	C250	91	152.7	12.2	6.5	29.1	916.2	16
Stine	9207GTCBLL*	GT/CB/LL	C250	91	152.4	12.6	5.0	26.1	914.4	17
Dyna-Gro	D32VP29	VT3P	P250	92	151.3	12.9	1.0	30.5	907.8	18
G2 Genetics	5H-492^	HX,RR2	P1250,V	92	149.1	14.3	2.5	29.8	894.6	19
Renk	RK434VT3P	VT3P	P250	92	146.8	13.2	1.0	29.1	880.8	20
Proseed	1191VT3Pro*	VT3P	C250	91	145.7	12.9	8.5	29.8	874.2	21
Producers	5223VT2Pro	VT2P	P500,V	92	144.2	13.6	2.5	29.8	865.2	22
Gold Country	93-39	VT3P	P250	93	142.8	12.4	1.0	29.1	856.8	23
Renk	RK530VT3P	VT3P	P250	94	142.4	13.3	5.0	29.8	854.4	24
G2 Genetics	5X-795^	HXT,RR2	P1250,V	94	139.6	14.8	2.5	30.5	837.6	25
AgVenture/Scherr	GL4342ABW	3000GT	C250	92	139.6	11.6	5.0	29.0	837.6	26
Dairyland	ST-7291	HX,RR2	C250	91	135.3	12.3	6.5	28.3	811.8	27
Stine	9311VT3Pro*	VT3P	C250	93	134.5	14.1	4.0	29.1	807.0	28
Kruger	K-7495	VT3P	P500,V	95	133.2	13.3	1.0	28.3	799.2	29
AgVenture/Scherr	4416	3000GT	P250	91	132.9	12.3	9.0	30.5	797.4	30
Kruger	K-7194	VT3P	P500,V	94	131.9	13.2	26.0	26.1	791.4	31
Rea	3V376 CK	VT3P	P250	89	155.2	12.3	1.0	27.6	931.2	12
Test Average =					142.4	13.2	5.9	29.4	854.6	
LSD (0.10) =					25.2	1.0	9.0			
C.V. =					10.6	4.6				



F.I.R.S.T. Manager

**TEST COMMENTS:** *The spring was wet and after planting more cool wet weather hurt the plot as saturated soils lingered. We dried out in the late summer and the crop was able to mature before a September 15 frost. The farmer reported lots of problems with green snap in the area and we saw some of that in the plot too. Good weather this fall made harvesting go quickly.*

Lat: N46.23614, Long: W-97.64984

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

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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 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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