

**2011 BETTER HYBRIDS Harvest Report for Red River Valley [ RDRV ]**  
 Brandon Kub, Richland County, ND 58051 [ COLFAX ]

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

PREV. CROP/HERB: Sugarbeet / Roundup B1RDRV05a  
 SOIL DESCRIPTION: Epelie silt loam, poor drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 7.2 pH, 2% OM  
 PEST MANAGEMENT: Roundup 30" ROW SPACING  
 FERTILITY - Applied N: 120 Spring,  
 Applied N-P-K (units): 120-0-0  
 SEEDED - RATE: May 19 32,400 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 22 29,600 /A 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>150.5</b>	12.4	1.0	30.0	903.0	1
Kruger	K-4189	VT2P	P500,V	89	<b>150.0</b>	12.4	1.0	29.5	900.0	2
Mustang	2307	VT3	P500,V	86	<b>148.3</b>	12.4	1.0	30.0	889.8	3
Dairyland	ST-7985	GT/CB/LL	C250	86	144.9	12.5	4.7	31.4	869.4	4
Producers	4972RR	RR2	P500,V	89	143.9	12.1	1.0	31.0	863.4	5
Kruger	K4-9489	STX	P500,V	89	143.8	15.6	2.0	29.5	858.5	6
Rea	3B266	VT2P	P250	89	141.0	11.4	1.0	30.5	846.0	8
Channel	187-74VT3P	VT3P	P500,V	87	140.6	12.2	1.0	29.0	843.6	9
Kruger	K-7386	VT3P	P500,V	86	139.8	12.0	1.0	29.5	838.8	10
Gold Country	89-09	VT3P	P250	89	139.5	11.1	1.0	30.0	837.0	11
Proseed	1086-3000GT*	3000GT	C250	86	139.3	11.8	3.7	30.5	835.8	12
Renk	RK334RR	RR2	P250	90	139.2	12.7	3.7	31.0	835.2	13
NuTech	5N-9001*	3000GT	C250	90	138.1	12.6	2.0	30.5	828.6	14
Gold Country	87-27	VT2P	P250	87	134.7	12.1	1.0	29.0	808.2	15
Rea	2V688	VT3P	P250	86	134.6	11.7	6.0	29.5	807.6	16
Wensman	W 8085VT2PRO	VT2P	P250	84	134.2	11.7	3.7	28.5	805.2	17
AgVenture/Scherr	2708	3000GT	P250	88	133.5	13.3	1.0	27.6	801.0	18
Wensman	W 8089VT2PRO	VT2P	P250	86	132.0	11.4	4.7	30.5	792.0	19
Channel	190-95VT3P	VT3P	P500,V	90	131.6	13.2	1.0	31.4	789.6	20
G2 Genetics	5X-9101^	HXT,RR2	P1250,V	90	131.3	13.4	1.0	28.1	787.8	21
NuTech	5N-186*	3000GT	C250	86	130.9	11.7	1.0	27.6	785.4	22
Hyland	8234*	STX	P250	86	130.3	12.5	1.0	25.2	781.8	23
Channel	190-21VT3P	VT3P	P500,V	90	129.6	11.7	1.0	31.0	777.6	24
Rea	2V550	VT3P	P250	85	129.3	11.8	1.0	31.9	775.8	25
Producers	5004VT3	VT3	P500,V	90	126.5	13.0	7.0	31.4	759.0	26
Wensman	W 8107VT2PRO	VT2P	P250	90	126.4	12.4	2.0	28.5	758.4	27
Proseed	1083GT*	GT	C250	83	126.3	11.7	1.0	28.5	757.8	28
Proseed	1189GT*	GT	C250	89	126.1	12.4	25.0	29.5	756.6	29
Seeds 2000	2852GTCBLL	GT/CB/LL	C250	85	125.3	13.0	3.7	29.5	751.8	30
Dairyland	ST-9789SSX	STX	C250	89	123.2	13.6	1.0	26.1	739.2	31
Rea	3V376 CK	VT3P	P250	89	141.3	11.7	1.0	30.5	847.8	7
Test Average =					<b>122.8</b>	<b>12.3</b>	<b>8.9</b>	<b>29.6</b>	<b>736.6</b>	
LSD (0.10) =					23.4	1.1	18.4			
C.V. =					14.0	6.6				

**TEST COMMENTS:** *The spring was wet and shortly after emergence cool wet weather slowed growth and plot lacked vigor early. We dried out in August and September and plot made maturity. Excessive moisture early and the lack of rain at the end of the year made yields suffer in the area. Some green snap in this plot and the lodging score reflects that.* Lat: N46.57832, Long: W-96.94725

Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.050	Price = \$6.00
<sup>†</sup> TECHNOLOGY: <b>Corn Borer</b> - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; <b>Corn Rootworm</b> - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; <b>Glyphosate</b> - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; <b>Liberty</b> - 3000GT, 3111, HX, HXT, LL, STX <sup>††</sup> IST: <b>AV</b> - Avicta, <b>C</b> - Cruiser, <b>P</b> - Poncho, <b>250, 500, and 1250</b> = 0.25, 0.5, and 1.25 g ai/seed, respectively; <b>V</b> - Votivo Identifies the check brand included in early- and full-season tests. <b>Bold</b> yields are significantly above test average. <b>Italicized</b> brands exceed the grain moisture limit for this test. <b>GC</b> = grower comparison product, * = brands without a seed lot number; <b>ns</b> = not significantly different				

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

B1RDRV05b

 PREV. CROP/HERB: Sugarbeet / Roundup  
 SOIL DESCRIPTION: Epelie silt loam, poor drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7.2 pH, 2% OM  
 PEST MANAGEMENT: Roundup  
 FERTILITY - Applied N: 120 Spring,  
 Applied N-P-K (units): 120-0-0

30" ROW SPACING

 SEEDED - RATE: May 19 32,400 /A  
 HARVESTED - STAND: Oct 22 28,500 /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
Renk	RK434VT3P	VT3P	P250	92	145.7	12.5	1.0	27.1	874.2	1
Dyna-Gro	D32VP29	VT3P	P250	92	142.1	12.4	1.0	29.5	852.6	2
Wensman	W 8120VT2PRO	VT2P	P250	92	139.3	12.7	1.0	25.2	835.8	3
Stine	9311VT3Pro*	VT3P	C250	93	138.2	13.0	1.0	27.1	829.2	4
Proseed	1191VT3Pro*	VT3P	C250	91	137.2	12.2	1.0	29.0	823.2	5
Mustang	3347	VT3	P500,V	92	136.5	13.4	1.0	26.1	819.0	6
Rea	3T544	VT3	P250	92	135.9	13.5	1.0	27.6	815.4	7
Channel	194-27VT2P	VT2P	P500,V	94	135.7	12.1	2.0	28.5	814.2	8
G2 Genetics	5X-795^	HXT,RR2	P1250,V	94	134.3	15.3	1.0	27.6	803.8	9
Rea	4V588	VT3P	P250	94	131.9	11.7	1.0	28.1	791.4	10
Stine	9206RR*	RR2	C250	91	131.2	11.9	1.0	27.6	787.2	11
Seeds 2000	9202VT2P	VT2P	P250	92	130.7	14.0	1.0	22.7	784.2	12
Producers	5223VT2Pro	VT2P	P500,V	92	130.6	12.1	1.0	30.5	783.6	13
Wensman	W 6193RR	RR2	P250	94	128.7	13.3	1.0	27.1	772.2	14
Dairyland	ST-6494	RR2	C250	94	128.2	12.7	3.7	28.5	769.2	15
Kruger	K-7593	VT3P	P500,V	93	127.1	11.9	1.0	29.0	762.6	16
Hyland	8454*	STX	P250	98	126.3	12.0	1.0	29.5	757.8	17
Titan Pro	80A93GL	3000GT	C250	93	125.3	11.2	1.0	26.1	751.8	18
Dyna-Gro	D35RR40	RR2	P250	95	125.2	12.1	3.7	28.5	751.2	19
Dairyland	ST-9992	VT3	C250	92	124.2	13.9	1.0	28.5	745.2	20
Hyland	8323	STX	P250	92	123.1	13.9	1.0	30.5	738.6	21
Renk	RK530VT3P	VT3P	P250	94	123.0	12.6	1.0	31.0	738.0	22
Gold Country	93-07	VT3P	P250	93	122.7	12.0	2.0	27.6	736.2	23
Rea	4B285	VT2P	P250	93	122.6	11.3	1.0	29.0	735.6	24
Wensman	W 7140VT3PRO	VT3P	P250	93	122.5	12.4	1.0	28.1	735.0	25
Kruger	K-7495	VT3P	P500,V	95	121.4	12.4	1.0	29.0	728.4	26
Proseed	1193VT3Pro*	VT3P	C250	93	120.4	13.4	1.0	26.1	722.4	27
Proseed	1091-3000GT*	3000GT	C250	91	120.4	11.8	4.7	31.4	722.4	28
Gold Country	94-29	VT3	P250	94	119.1	12.2	1.0	25.6	714.6	29
Gold Country	93-39	VT3P	P250	93	119.1	11.7	2.0	29.5	714.6	30
Rea	3V376 CK	VT3P	P250	89	118.7	11.3	1.0	27.6	712.2	31
Test Average =					123.5	12.4	1.9	28.5	740.9	
LSD (0.10) =					18.4	1.1	5.9			
C.V. =					10.9	6.3				



F.I.R.S.T. Manager

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<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

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

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Report Date: 10/24/2011

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	Gauche®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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