

**2012 BETTER HYBRIDS Harvest Report for Red River Valley [ RDRV ]**

Chad Biss, Grant County, MN 56531 [ ELBOW LAKE ]

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

PREV. CROP/HERB: Soybean / Roundup B2RDRV18a  
 SOIL DESCRIPTION: Formdale-Aazdahl-Flom clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 7 pH, 5% OM  
 PEST MANAGEMENT: Force, Roundup WeatherMax, Status 30" ROW SPACING  
 FERTILITY - Applied N: 155 Fall  
 Applied N-P-K (units): 155-75-40  
 SEEDED - RATE: May 14 31,400 /A TOP 30 OF 53 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 14 30,200 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	195-46STXRIB GC	STX-R	AC,P5V	95	<b>267.6</b>	13.4	1	30.5	2,007	1
Mustang	3424	3000GT	AC,P2	90	<b>254.1</b>	12.6	4	29.5	1,906	2
NuTech	5B-290	GT/CB/LL	MQ,R,C2	90	243.3	12.3	2	30.0	1,825	3
Kruger	K-7386	VT3P	AC,P5V	85	243.0	11.6	1	31.4	1,823	4
Kruger	KR-4189	VT2P-R	AC,P2	89	243.0	11.7	1	29.5	1,823	5
Proseed	990-3000GT	3000GT	MQ,C2	90	242.0	12.8	1	29.0	1,815	6
Wensman	W 7110VT3PRO	VT3P	AC,P5V	90	241.5	12.1	1	31.0	1,811	7
Wensman	W 8086RR	RR2	AC,P5V	85	240.9	11.5	1	30.0	1,807	9
Prairie Brand	920GT3	3000GT	MQ,C2	90	239.2	12.4	4	28.0	1,794	10
Proseed	1288-3111	3111	MQ,C2	88	239.2	13.0	9	29.5	1,794	11
Renk	RK266VT3P	VT3P	AC,P2	83	237.6	11.8	1	29.5	1,782	12
Rea	3B330-RIB	VT2P-R	AC,P2	90	236.0	12.3	1	27.6	1,770	13
Proseed	1185VT2Pro	VT2P	AC,P2	85	234.9	11.3	1	28.5	1,762	14
Dyna-Gro	D26VP56	VT3P	AC,P5V	86	234.4	11.9	1	30.5	1,758	15
Renk	RK275GTCBLL	GT/CB/LL	AC,P2	84	233.1	12.0	2	32.4	1,748	16
Rea	3B266-RIB	VT2P-R	AC,P5V	89	232.8	11.8	9	30.0	1,746	17
Kruger	K4R-9489	STX-R	AC,P5V	89	232.3	12.8	9	27.6	1,742	18
Hyland	8202	STX	P2	85	231.5	11.7	1	32.4	1,736	19
Producers	4974VT3Pro	VT3P	AC,P5V	89	229.9	11.4	1	31.4	1,724	20
Stine	9207 3000GT	3000GT	MQ,C2	90	229.3	12.6	11	29.5	1,720	21
Seeds 2000	8801VT2P	VT2P	AC,P2	88	228.9	11.3	1	30.5	1,717	22
Renk	RK302GTCBLLRW	3000GT	AC,P2	90	227.6	12.3	2	30.0	1,707	23
Rea	2V870	VT3P	AC,P5V	87	227.3	11.5	1	32.4	1,705	24
Renk	RK268VT3	VT3	AC,P2	88	227.2	11.6	2	30.5	1,704	25
Rea	3A377-RIB	STX-R	AC,P2	89	226.9	11.7	1	31.0	1,702	26
Dyna-Gro	52V01	VT3	AC,P2	87	225.9	11.3	1	31.4	1,694	27
Mustang	2307VT3	VT3	AC,P2	86	225.4	11.4	2	31.9	1,691	28
Prairie Brand	867RR	RR2	MQ,C2	86	225.3	11.7	1	29.0	1,690	29
Wensman	W 8089VT2RIB	VT2P-R	AC,P5V	86	224.1	11.5	1	30.0	1,681	30
Seeds 2000	2903GTCBLL	GT/CB/LL	MQ,C2	90	223.3	12.1	2	29.5	1,675	31
Channel	190-95VT3P CK	VT3P	AC,P5V	90	241.1	11.4	2	29.0	1,808	8
Test Average =					<b>224.6</b>	<b>11.9</b>	<b>3</b>	<b>30.2</b>	<b>1,685</b>	
LSD (0.10) =					20.8	0.1	9			
C.V. =					6.8	0.6				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *The early season test had some goose necked corn which made it difficult to harvest at times. The full season test stood straighter and was easier to harvest. The lodging scores in this test are related to severely goosenecked corn that completely crossed over into the neighboring rows. We had enough rain to provide good yields and plot data.*
Lat: 46.01485, Long: -96.08103

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

† See last page for Product/Brand, Technology and Seed Treatment information.  
 → 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, **ns** = not significantly different

**2012 BETTER HYBRIDS Harvest Report for Red River Valley [ RDRV ]**

Chad Biss, Grant County, MN 56531 [ ELBOW LAKE ]

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

B2RDRV18b

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Formdale-Aazdahl-Flom clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 7 pH, 5% OM  
 PEST MANAGEMENT: Force, Roundup WeatherMax, Status  
 FERTILITY - Applied N: 155 Fall  
 Applied N-P-K (units): 155-75-40

30" ROW SPACING

SEEDED - RATE: May 14 31,400 /A  
 HARVESTED - STAND: Oct 14 30,100 /A

**TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wensman	W 8184VT3PRO	VT3P	AC,P5V	95	<b>270.3</b>	13.4	1	33.4	2,027	1
Titan Pro	X2M91	VT3P	AC,P5V	91	<b>263.0</b>	11.6	1	30.0	1,973	2
Dyna-Gro	D34VP52	VT3P	AC,P5V	94	<b>260.8</b>	13.4	1	31.4	1,956	3
Rea	4B285-RIB	VT2P-R	AC,P2	93	<b>258.0</b>	12.6	1	31.9	1,935	4
Gold Country	93-07 GC	VT3P	AC,P5V	93	<b>257.2</b>	12.3	1	27.1	1,929	5
Rea	3V440	VT3P	AC,P5V	91	<b>254.3</b>	12.2	1	31.4	1,907	6
Dyna-Gro	D31VP31	VT3P	AC,P2	91	<b>253.7</b>	11.7	1	29.0	1,903	7
Kruger	K-7194	VT3P	AC,P5V	94	<b>252.5</b>	12.2	1	33.4	1,894	8
Rea	4V941	VT3P	AC,P5V	94	249.0	12.4	1	32.4	1,868	9
Kruger	KR-4292	VT2P-R	AC,P5V	92	247.1	12.2	1	29.5	1,853	10
Proseed	1191SS	STX	AC,P2	91	247.0	11.9	1	31.0	1,853	11
Mustang	3643	VT3P	AC,P2	93	245.0	12.6	1	30.9	1,838	12
Kruger	K4R-9593	STX-R	AC,P5V	93	244.9	12.2	1	29.0	1,837	13
AgVenture/Scherr	VPmx RL4802HBW <sup>^</sup>	HXT,RR2	MQ,P1V	95	244.3	12.3	1	30.0	1,832	15
Renk	RK530VT3P	VT3P	AC,P2	94	241.5	12.5	1	30.0	1,811	16
Renk	RK492VT3P	VT3P	AC,P2	92	239.7	11.9	1	29.5	1,798	17
Titan Pro	X2M93	VT3P	AC,P5V	93	238.9	12.2	1	30.5	1,792	18
Wensman	W 8195VT2RIB	VT2P-R	AC,P5V	95	236.8	12.6	1	27.6	1,776	19
Rea	3V921	VT3P	AC,P5V	92	235.5	12.3	1	33.9	1,766	20
Hyland	8395	STX	P2	93	231.1	11.7	1	28.5	1,733	21
Proseed	1193VT3Pro	VT3P	AC,P2	93	231.0	12.6	1	29.5	1,733	22
Hyland	8454	STX	AVC,C2	94	230.9	12.1	1	28.1	1,732	23
Hyland	8300	STX	P2	91	230.5	11.6	1	29.5	1,729	24
Kruger	K-7091	VT3P	AC,P5V	91	230.2	12.4	1	28.1	1,727	25
Dyna-Gro	D35VP40	VT3P	AC,P2	95	228.7	11.7	1	30.5	1,715	26
Dairyland	DS9494SSX	STX	AVC,C2	94	228.6	11.6	1	27.1	1,715	27
Stine	9311VT3Pro	VT3P	AC,P2	92	228.1	12.8	1	30.0	1,711	28
G2 Genetics	5X-9402 <sup>^</sup>	HXT,RR2	MQ,R,P1V	94	225.6	11.9	1	30.0	1,692	29
Proseed	1295SS	STX	AC,P2	95	224.3	12.3	1	28.6	1,682	30
Producers	5144VT3Pro	VT3P	AC,P5V	91	224.0	11.7	1	31.0	1,680	31
Channel	190-95VT3P CK	VT3P	AC,P5V	90	244.6	11.3	1	30.9	1,835	14
Test Average =					<b>230.8</b>	<b>12.1</b>	<b>1</b>	<b>30.1</b>	<b>1,731</b>	
LSD (0.10) =					18.9	0.5	ns			
C.V. =					6.0	3.2				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *The early season test had some goose necked corn which made it difficult to harvest at times. The full season test stood straighter and was easier to harvest. The lodging scores in this test are related to severely goosenecked corn that completely crossed over into the neighboring rows. We had enough rain to provide good yields and plot data.*

Lat: 46.01485, Long: -96.08103

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

† See last page for Product/Brand, Technology and Seed Treatment information.  
 → 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, **ns** = not significantly different



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^ G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

### Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonylurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

### Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

### Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.