

2011 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 B1RDRV01a
 SOIL DESCRIPTION: Formdale-Aazdahl-Floam clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, high K, 7.8 pH, 4% OM
 PEST MANAGEMENT: Roundup, Status 30" ROW SPACING
 FERTILITY - Applied N: 140 Fall,
 Applied N-P-K (units): 140-60-30
 SEEDED - RATE: May 16 30,100 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 19 27,800 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Rea	3B330	VT2P	P250,V	90	184.0	13.3	6.3	29.0	1,104.0	1
Producers	4972RR	RR2	P500,V	89	180.5	13.1	6.3	28.5	1,083.0	2
Channel	190-21VT3P	VT3P	P500,V	90	175.1	13.1	7.0	29.5	1,050.6	3
Dairyland	ST-7985	GT/CB/LL	C250	86	173.9	13.2	9.7	28.0	1,043.4	4
Mustang	2307	VT3	P500,V	86	171.9	13.3	1.0	27.6	1,031.4	5
Seeds 2000	2852GTCBLL	GT/CB/LL	C250	85	171.8	13.5	10.0	28.5	1,030.8	6
Proseed	1189GT*	GT	C250	89	170.7	13.2	18.7	27.6	1,024.2	7
Seeds 2000	2903GTCBLL	GT/CB/LL	C250	90	168.8	12.8	5.7	28.1	1,012.8	8
Renk	RK334RR	RR2	P250	90	168.7	12.9	3.7	26.6	1,012.2	9
Proseed	1086-3000GT*	3000GT	C250	86	164.1	13.0	7.0	26.1	984.6	10
Kruger	K-7386	VT3P	P500,V	86	163.8	13.0	2.0	25.6	982.8	11
Dyna-Gro	52V01	VT3	P250	87	163.3	13.4	2.0	29.0	979.8	12
Mustang	3026	GT/CB/LL	P500,V	90	162.3	13.0	13.7	28.1	973.8	13
Channel	190-95VT3P	VT3P	P500,V	90	162.2	12.9	1.0	29.5	973.2	14
Rea	2V550	VT3P	P250	85	161.6	13.1	3.7	29.5	969.6	15
Wensman	W 8089VT2PRO	VT2P	P250	86	161.5	12.9	3.7	28.1	969.0	16
Dairyland	ST-9085	3000GT	C250	85	160.8	13.0	7.0	29.0	964.8	17
AgVenture/Scherr	2708	3000GT	P250	88	160.6	13.3	11.3	30.0	963.6	18
Dyna-Gro	51V57	VT3	P250	85	159.9	12.8	2.0	28.1	959.4	19
NuTech	5N-290*	3000GT	C250	90	156.3	12.7	11.7	28.1	937.8	20
G2 Genetics	5X-9101 [^]	HXT,RR2	P1250,V	90	156.0	13.0	9.7	29.5	936.0	21
NuTech	5N-186*	3000GT	C250	86	155.7	12.7	13.7	27.1	934.2	22
Kruger	K-4189	VT2P	P500,V	89	151.9	12.9	10.0	27.6	911.4	23
Gold Country	89-43	STX	P250	89	151.7	13.8	9.7	27.6	910.2	24
Dyna-Gro	D27GC19	GT/CB/LL	P250	87	150.7	13.4	3.7	25.6	904.2	25
Rea	3B266	VT2P	P250	89	150.6	13.0	11.7	28.1	903.6	26
Renk	RK302GTCBLLRW	3000GT	C250	90	148.1	12.5	5.7	27.1	888.6	28
Gold Country	89-09	VT3P	P250	89	147.8	12.7	7.0	28.5	886.8	29
Gold Country	87-27	VT2P	P250	87	143.7	12.7	10.0	27.6	862.2	30
Wensman	W 7107VT3	VT3	P250	90	142.3	13.4	5.7	30.0	853.8	31
Rea	3V376 CK	VT3P	P250	89	150.2	12.9	10.0	26.6	901.2	27
Test Average =					150.6	13.1	11.2	27.8	903.4	
LSD (0.10) =					22.2	0.4	14.4			
C.V. =					10.8	2.1				

TEST COMMENTS: *This site had some green snap issues and the lodging score reflects the amount of green snap. We also had some goose necked corn in the plot which made harvest a challenge at times. The varieties that stood the best at harvest typically yielded better. The dry weather this fall made for good grain moistures at harvest. September 15 frost occurred.* Lat: N46.03627, Long: W-96.05404

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.050 Price = \$6.00

[†] 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

^{††} 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

2011 BETTER HYBRIDS Harvest Report for Red River Valley [RDRV]
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FULL SEASON TEST
91 - 94 Day CRM

B1RDRV01b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Formdale-Aazdahl-Floam clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, high K, 7.8 pH, 4% OM
 PEST MANAGEMENT: Roundup, Status
 FERTILITY - Applied N: 140 Fall,
 Applied N-P-K (units): 140-60-30

30" ROW SPACING

 SEEDED - RATE: May 16 30,100 /A
 HARVESTED - STAND: Oct 19 28,100 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hyland	8323	STX	P250	92	178.3	14.7	6.0	29.0	1,248.1	1
Kruger	K-4292	VT2P	P500,V	92	162.1	13.2	4.7	29.0	1,134.7	2
Gold Country	94-29	VT3	P250	94	161.5	13.2	2.0	28.1	1,130.5	3
Rea	3T544	VT3	P250	92	160.0	14.0	1.0	27.6	1,120.0	4
Mustang	3347	VT3	P500,V	92	159.7	13.2	7.0	28.1	1,117.9	5
Stine	9206RR*	RR2	C250	91	159.6	12.9	2.0	28.1	1,117.2	6
Renk	RK530VT3P	VT3P	P250	94	158.4	13.6	4.7	29.0	1,108.8	7
Renk	RK434VT3P	VT3P	P250	92	158.2	13.4	3.7	27.1	1,107.4	8
Wensman	W 7140VT3PRO	VT3P	P250	93	156.4	13.6	2.0	27.1	1,094.8	10
Stine	9311VT3Pro*	VT3P	C250	93	154.6	13.9	6.0	28.5	1,082.2	11
Wensman	W 6193RR	RR2	P250	94	153.7	12.7	2.0	26.6	1,075.9	12
Gold Country	93-07	VT3P	P250	93	153.4	12.9	3.7	29.5	1,073.8	13
Rea	4B285	VT2P	P250	93	153.4	12.8	6.0	29.0	1,073.8	14
Producers	5223VT2Pro	VT2P	P500,V	92	152.9	12.8	8.0	28.6	1,070.3	15
Channel	193-46VT3	VT3	P500,V	93	152.5	13.3	3.0	28.6	1,067.5	16
Proseed	1091-3000GT*	3000GT	C250	91	151.9	12.2	16.7	29.0	1,063.3	17
Proseed	1193VT3Pro*	VT3P	C250	93	151.5	13.6	3.0	31.0	1,060.5	18
Producers	5408STX	STX	P500,V	94	150.4	14.9	1.0	27.1	1,052.8	19
Channel	194-27VT2P	VT2P	P500,V	94	148.6	13.4	7.0	28.1	1,040.2	20
Seeds 2000	9202VT2P	VT2P	P250	92	147.9	12.7	5.7	28.5	1,035.3	21
Proseed	1191VT3Pro*	VT3P	C250	91	146.2	12.9	3.0	27.1	1,023.4	22
Wensman	W 7143VT3	VT3	P250	93	146.2	13.2	11.7	29.0	1,023.4	23
Dyna-Gro	D35RR40	RR2	P250	95	145.9	13.0	4.7	29.5	1,021.3	24
Dairyland	ST-7291	HX,RR2	C250	91	144.5	12.7	9.7	25.6	1,011.5	25
Gold Country	93-39	VT3P	P250	93	144.5	13.3	11.7	30.0	1,011.5	26
Stine	9207GTCBLL*	GT/CB/LL	C250	91	144.1	12.8	5.7	26.6	1,008.7	27
Dairyland	ST-9992	VT3	C250	92	143.9	14.0	7.0	27.6	1,007.3	28
G2 Genetics	5H-492^	HX,RR2	P1250,V	92	141.7	12.8	14.0	24.2	991.9	29
Kruger	K-7194	VT3P	P500,V	94	140.9	12.8	4.7	28.1	986.3	30
Dyna-Gro	D32VP29	VT3P	P250	92	140.8	12.7	6.0	28.5	985.6	31
Rea	3V376 CK	VT3P	P250	89	156.4	12.6	2.0	28.0	1,094.8	9
Test Average =					144.8	13.1	8.2	28.1	1,013.5	
LSD (0.10) =					20.1	1.3	13.4			
C.V. =					10.2	7.1				



F.I.R.S.T. Manager

TEST COMMENTS: This site had some green snap issues and the lodging score reflects the amount of green snap. We also had some goose necked corn in the plot which made harvest a challenge at times. The varieties that stood the best at harvest typically yielded better.

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 Complete brands tested list & searchable database available at www.firstseedtests.com

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Revised:



Footnotes, Abbreviations, and Trademarks

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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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