

2011 BETTER HYBRIDS Performance Summary for Red River Valley [RDRV]
EARLY SEASON TEST 85 - 90 Day CRM
TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)
 AVERAGE of (15) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moist %	Lodging %	Gross Income \$/A Rank		Colfax	Elbow Lake	Foxhome [‡]	Gwinner [‡]	Hawley	Kindred [‡]	
Dyna-Gro	52V01	VT3	P250	87	167.0	12.8	1.2	1002.0	1	150.5	163.3	179.3	162.6	190.5	156.0	
Kruger	K-7386	VT3P	P500,V	86	165.3	12.9	1.2	991.8	2	139.8	163.8	193.3	146.5	180.4	168.0	
Mustang	2307	VT3	P500,V	86	165.1	12.9	1.0	990.6	3	148.3	171.9	199.5	150.5	180.1	140.3	
Channel	190-21VT3P	VT3P	P500,V	90	164.6	12.9	2.0	987.6	4	129.6	175.1	190.3	156.6	174.1	161.8	
Producers	4972RR	RR2	P500,V	89	162.3	12.7	1.9	973.8	5	143.9	180.5	183.1	160.2	174.4	131.6	
Kruger	K-4189	VT2P	P500,V	89	161.8	12.9	4.5	970.8	6	150.0	151.9	187.2	144.9	187.6	149.0	
Renk	RK334RR	RR2	P250	90	161.6	12.7	2.2	969.6	7	139.2	168.7	190.7	139.3	173.4	158.0	
Dyna-Gro	51V57	VT3	P250	85	158.4	12.5	1.2	950.4	8	117.3	159.9	181.9	144.1	176.4	170.9	
Dairyland	ST-7985	GT/CB/LL	C250	86	158.4	13.1	4.1	950.4	9	144.9	173.9	193.9	138.3	161.0	138.2	
Rea	3B330	VT2P	P250,V	90	157.2	13.1	6.5	943.2	10	110.2	184.0	192.7	150.1	179.5	126.8	
Wensman	W 8089VT2PRO	VT2P	P250	86	156.7	12.4	2.1	940.2	11	132.0	161.5	181.0	147.5	171.8	146.2	
NuTech	5N-186*	3000GT	C250	86	156.0	12.7	3.8	936.0	12	130.9	155.7	168.6	140.2	169.3	171.3	
Rea	3B266	VT2P	P250	89	155.6	12.6	2.8	933.6	14	141.0	150.6	193.9	117.0	181.3	149.5	
Seeds 2000	2852GTCBLL	GT/CB/LL	C250	85	155.4	13.3	3.2	932.4	15	125.3	171.8	175.9	140.9	167.2	151.0	
Proseed	1086-3000GT*	3000GT	C250	86	153.7	12.8	2.6	922.2	16	139.3	164.1	161.3	150.4	166.3	141.0	
Channel	190-95VT3P	VT3P	P500,V	90	152.4	13.0	1.7	914.4	17	131.6	162.2	184.4	120.4	173.8	141.9	
Gold Country	89-09	VT3P	P250	89	152.2	12.4	2.0	913.2	18	139.5	147.8	191.8	133.4	187.7	113.2	
Rea	2V550	VT3P	P250	85	150.4	12.7	1.5	902.4	19	129.3	161.6	165.9	157.7	173.1	114.8	
Kruger	K4-9489	STX	P500,V	89	150.2	14.4	5.4	901.2	20	143.8	134.5	171.0	134.0	170.3	147.4	
Gold Country	87-27	VT2P	P250	87	148.9	12.7	2.5	893.4	21	134.7	143.7	183.7	136.3	168.0	126.9	
Wensman	W 8085VT2PRO	VT2P	P250	84	147.8	12.5	2.3	886.8	22	134.2	133.9	177.1	132.4	165.0	144.0	
Mustang	3026	GT/CB/LL	P500,V	90	147.3	12.8	6.7	883.8	23	97.6	162.3	166.0	137.7	159.6	160.8	
Seeds 2000	2903GTCBLL	GT/CB/LL	C250	90	146.1	12.7	3.5	876.6	24	101.0	168.8	176.1	127.4	163.5	139.5	
AgVenture/Scherr	2708	3000GT	P250	88	145.8	13.7	3.0	874.8	25	133.5	160.6	175.2	114.9	160.6	130.0	
Proseed	1189GT*	GT	C250	89	144.5	13.4	9.5	867.0	26	126.1	170.7	154.7	121.3	167.7	126.2	
Producers	5004VT3	VT3	P500,V	90	144.4	13.6	5.5	866.4	27	126.5	141.1	190.2	118.4	143.0	147.4	
Hyland	8234*	STX	P250	86	143.0	12.7	2.3	858.0	28	130.3	135.3	153.6	107.6	167.0	164.0	
Gold Country	89-43	STX	P250	89	142.2	14.5	3.8	853.2	29	122.0	151.7	169.5	137.4	161.2	111.5	
Channel	187-74VT3P	VT3P	P500,V	87	142.1	12.8	2.3	852.6	30	140.6	138.8	159.3	141.4	151.2	121.5	
G2 Genetics	5X-9101^	HXT,RR2	P1250,V	90	141.5	13.1	2.5	849.0	31	131.3	156.0	169.3	113.1	157.0	122.3	
→ Rea	3V376 CK	VT3P	P250	89	155.9	12.6	2.8	935.4	13	141.3	150.2	195.6	138.7	181.4	128.3	
					Test Average =	146.0	12.9	5.1	876.1		122.8	150.6	172.4	128.8	162.2	140.8
					LSD (0.10) =	13.9	0.5	7.1			23.4	22.2	14.2	26.3	17.0	22.3


 F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying (\$/pt/bu) = \$0.050 Price (\$/bu) = \$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; **LibertyLink** - 3000GT, 3111, HX, HXT, LL, STX

^{††} Insecticide Seed Treatment (IST): **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai / seed; **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; # = rejected results, not included in summary; **ns** = not significantly different; ‡ = 2 replications.

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

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Revised:

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2011 BETTER HYBRIDS Performance Summary for Red River Valley [RDRV]
FULL SEASON TEST 91 - 94 Day CRM
TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)
 AVERAGE of (15) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moist %	Lodging %	Gross Income \$/A Rank		Colfax	Elbow Lake	Foxhome [‡]	Gwinner [‡]	Hawley	Kindred [‡]	
Rea	4B285	VT2P	P250	93	165.2	12.8	2.1	\$991.2	1	122.6	153.4	192.6	182.7	190.3	149.5	
Hyland	8323	STX	P250	92	161.7	15.0	2.0	\$970.2	2	123.1	178.3	195.7	154.5	163.8	155.0	
Stine	9206RR*	RR2	C250	91	159.8	12.7	1.4	\$958.8	3	131.2	159.6	186.3	161.5	162.1	157.8	
Dyna-Gro	D35RR40	RR2	P250	95	156.6	12.7	3.7	\$939.6	4	125.2	145.9	206.6	154.6	174.6	132.7	
Seeds 2000	9202VT2P	VT2P	P250	92	156.3	13.2	2.0	\$937.8	5	130.7	147.9	181.9	163.4	178.6	135.2	
Kruger	K-4292	VT2P	P500,V	92	155.7	13.0	1.9	\$934.2	6	110.1	162.1	171.9	175.2	171.8	143.3	
Channel	194-27VT2P	VT2P	P500,V	94	155.5	13.2	2.4	\$933.0	7	135.7	148.6	180.8	158.7	158.0	151.0	
Wensman	W 7140VT3PRO	VT3P	P250	93	155.4	13.6	1.4	\$932.4	8	122.5	156.4	190.1	162.2	171.5	129.5	
Mustang	3347	VT3	P500,V	92	154.9	13.8	2.0	\$929.4	9	136.5	159.7	187.7	163.1	157.3	125.2	
Stine	9311VT3Pro*	VT3P	C250	93	154.5	13.8	2.5	\$927.0	10	138.2	154.6	188.0	134.5	158.1	153.8	
Rea	3T544	VT3	P250	92	153.4	14.5	1.0	\$920.4	11	135.9	160.0	170.5	158.1	165.5	130.4	
Gold Country	94-29	VT3	P250	94	152.7	13.5	1.2	\$916.2	12	119.1	161.5	178.3	167.5	159.8	129.7	
Proseed	1193VT3Pro*	VT3P	C250	93	151.3	13.6	1.3	\$907.8	13	120.4	151.5	195.9	153.4	169.6	116.7	
Proseed	1191VT3Pro*	VT3P	C250	91	151.1	13.0	2.6	\$906.6	14	137.2	146.2	185.1	145.7	160.2	131.9	
Channel	193-46VT3	VT3	P500,V	93	151.0	13.8	1.7	\$906.0	15	117.3	152.5	189.5	157.3	160.8	128.8	
Gold Country	93-39	VT3P	P250	93	150.9	12.7	3.4	\$905.4	16	119.1	144.5	179.0	142.8	156.4	163.7	
Gold Country	93-07	VT3P	P250	93	150.3	12.8	6.5	\$901.8	17	122.7	153.4	201.7	118.1	159.8	145.8	
Renk	RK530VT3P	VT3P	P250	94	149.6	13.4	2.5	\$897.6	19	123.0	158.4	186.2	142.4	164.2	123.4	
Producers	5408STX	STX	P500,V	94	149.2	14.4	1.3	\$895.2	20	105.6	150.4	157.5	167.2	169.3	145.1	
Producers	5223VT2Pro	VT2P	P500,V	92	148.7	13.3	2.6	\$892.2	21	130.6	152.9	177.5	144.2	142.6	144.6	
Dyna-Gro	D32VP29	VT3P	P250	92	147.8	13.0	1.8	\$886.8	22	142.1	140.8	185.7	151.3	154.6	112.0	
Kruger	K-7495	VT3P	P500,V	95	147.1	13.2	5.4	\$882.6	23	121.4	135.5	202.7	133.2	153.5	136.1	
Kruger	K-7593	VT3P	P500,V	93	145.7	12.6	4.3	\$874.2	24	127.1	117.3	189.5	129.9	158.6	151.6	
Stine	9207GTCBLL*	GT/CB/LL	C250	91	144.9	12.5	3.6	\$869.4	25	103.4	144.1	183.4	152.4	163.7	122.5	
Rea	4V588	VT3P	P250	94	144.5	12.6	5.8	\$867.0	26	131.9	104.3	200.8	127.7	178.3	123.7	
Renk	RK434VT3P	VT3P	P250	92	144.0	13.7	1.5	\$864.0	27	145.7	158.2	174.1	146.8	136.0	103.2	
Dairyland	ST-9992	VT3	C250	92	144.0	14.1	2.0	\$864.0	28	124.2	143.9	177.6	129.7	170.1	118.3	
G2 Genetics	5H-492^	HX,RR2	P1250,V	92	143.5	13.0	3.6	\$861.0	29	117.8	141.7	177.8	149.1	147.0	127.8	
Wensman	W 8120VT2PRO	VT2P	P250	92	143.4	13.4	3.0	\$860.4	30	139.3	139.4	193.0	120.3	162.1	106.1	
Proseed	1091-3000GT*	3000GT	C250	91	142.7	12.5	5.3	\$856.2	31	120.4	151.9	179.6	152.7	150.9	100.8	
→ Rea	3V376 CK	VT3P	P250	89	149.6	12.3	1.3	\$897.6	18	118.7	156.4	202.8	155.2	150.3	113.9	
					Test Average =	146.4	13.2	3.5	\$878.5		123.5	144.8	180.7	142.4	156.8	130.3
					LSD (0.10) =	12.4	0.5	4.1			18.4	20.1	14.9	25.2	19.7	23.6


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

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