

2010 BETTER HYBRIDS Harvest Report for Red River Valley [RDRV]
EARLY SEASON TEST

Mark Kasin, Clay County, MN 56549 [HAWLEY]

85 - 90 Day CRM

PREV. CROP/HERB: Corn / Roundup B0RDRV01a
 SOIL DESCRIPTION: Sverdrup sandy loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 3.8% OM
 PEST MANAGEMENT: Roundup 30" ROW SPACING
 FERTILITY - Applied N: 120 Spring,
 Applied N-P-K (units): 120-40-40
 SEEDED - RATE: May 21 30,100 /A TOP 30 OF 58 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Nov 4 29,400 /A AVERAGE OF (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Rea	3V376	VT3P	P250	191.4	16.1	4.7	30.0	\$808.2	1
Renk	RK334RR	RR2	P250	186.3	16.7	1.0	30.0	\$783.9	3
Dairyland	ST9286	VT3	C250	184.9	15.4	1.0	29.5	\$784.0	2
Stine	9206RR	RR2	P250	183.7	16.8	1.0	29.5	\$772.5	4
Channel	187-73R	RR2	P250	180.8	15.3	2.0	32.4	\$767.0	5
Mustang	2307VT3	VT3	P250	179.1	15.7	1.0	29.5	\$758.0	6
Rea	2T149	VT3	P250	178.4	15.1	4.7	29.5	\$757.8	7
Dairyland	ST9789	VT3	C250	178.1	17.2	1.0	29.5	\$747.1	10
Proseed	787	SS	P250	177.7	15.3	1.0	24.7	\$753.9	8
NuTech	G2 5H-589A*	HX,RR2	C250	176.5	15.4	2.0	28.0	\$748.4	9
Gold Country	89-09	VT3P	P250	176.5	15.8	1.0	30.5	\$746.6	11
Pannar	3B-220	VT3	C250	175.8	15.6	1.0	28.1	\$744.5	12
Channel	189-59VT3	VT3	P250	175.6	16.9	2.0	29.0	\$738.0	13
Johnson	JSC4869VT3	VT3	P250	173.3	15.3	1.0	29.0	\$735.2	14
Stine	9200VT3	VT3	P250	173.1	15.4	1.0	29.5	\$733.9	15
Producers	4564VT3	VT3	P250	172.9	15.7	3.7	30.0	\$731.8	16
Producers	5004VT3	VT3	P250	172.4	16.8	2.0	30.0	\$724.9	18
Wensman	W6105RR	RR2	P250	171.5	16.3	2.0	28.5	\$723.3	21
Mycogen	2T224	SS	C250	171.1	15.3	2.0	30.5	\$725.9	17
Jung	4D299	VT2P	P250	171.1	15.7	1.0	30.5	\$724.2	19
Hyland	HL8234*	SS	P250	170.8	15.6	1.0	29.5	\$723.3	20
Kruger	K-6490VT3	VT3	C250	169.8	16.5	2.0	30.5	\$715.3	22
Wensman	W7089VT3	VT3	P250	167.8	16.0	2.0	31.0	\$709.0	23
Proseed	1086*	GT/CB/LL	C250	167.8	16.6	7.0	29.5	\$706.4	24
Rea	2T687	VT3	P250	165.4	15.4	1.0	30.0	\$701.3	25
Wensman	W7085VT3	VT3	P250	165.1	15.7	3.7	30.5	\$698.8	26
Dyna-Gro	52V01	VT3	P250	164.9	15.7	1.0	30.0	\$697.9	27
NuTech	3T-484	VT3	C250	164.8	15.9	1.0	29.5	\$696.7	28
Renk	RK292GTCBLLRW	3000GT	C250	164.8	16.3	16.7	30.5	\$695.0	30
Gold Country	86-16	VT3	P250	163.6	14.9	2.0	29.5	\$695.7	29
Johnson	JSC4902 CK	GT/CB/LL	AVC	156.7	17.7	4.7	27.1	\$655.4	46
Test Average =				164.7	16.1	6.0	29.4	\$695.6	
LSD (0.10) =				17.1	0.6	13.6			
C.V. =				7.7	2.7				

TEST COMMENTS: *On the wet side most of the growing season. There was root lodging in the field as goose necked corn made it difficult to find rows at times. A strong wind storm in late October caused some stalk lodging as well. Ears stayed on stalks and was able to harvest. Plot drained well and made for good harvest conditions.*

Lat: N46.79783, Long: W96.32539

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.25

[†] **TECHNOLOGY:** Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

^{††} **IST:** AVC - Avicta Complete, 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 chosen product, * = brands without a seed lot number **ns** = not significantly different

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

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Report Date: 11/6/2010

Revised:

2010 BETTER HYBRIDS Harvest Report for Red River Valley [RDRV]
FULL SEASON TEST

Mark Kasin, Clay County, MN 56549 [HAWLEY]

91 - 94 Day CRM

PREV. CROP/HERB: Corn / Roundup

B0RDRV01b

SOIL DESCRIPTION: Sverdrup sandy loam, mod. well drained, conventional w/ fall till, non-irrigated

SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 3.8% OM

PEST MANAGEMENT: Roundup

30" ROW SPACING

FERTILITY - Applied N: 120 Spring,

Applied N-P-K (units): 120-40-40

SEEDED - RATE: May 21 30,100 /A

TOP 30 OF 51 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Nov 4 29,300 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-7495	VT3P	P250	190.7	18.9	1.0	30.0	\$791.9	1
Producers	XP5404VT3	VT3	P250	187.9	19.3	2.0	29.5	\$778.4	2
Kruger	K-7593	VT3P	P250	185.6	18.2	1.0	31.0	\$774.0	4
NuTech	5N-593	3000GT	C250	185.3	18.5	3.7	29.5	\$771.3	5
Dyna-Gro	CX010194*	RR2	P250	184.2	16.8	2.0	27.1	\$774.6	3
NuTech	5N-695A	3000GT	C250	181.6	20.3	1.0	27.1	\$747.7	7
Hyland	HLCVR64	VT3	P250	179.7	20.0	3.7	30.0	\$741.3	11
Gold Country	94-29	VT3	P250	179.2	17.9	2.0	31.0	\$748.6	6
Channel	193-46VT3	VT3	P250	178.0	17.1	2.0	31.9	\$747.2	8
Dekalb	DKC42-72 GC	VT3	P250	177.7	17.3	1.0	29.5	\$745.0	9
Rea	4V588	VT3P	P250	177.2	17.4	1.0	28.1	\$742.5	10
Jung	7410VT3	VT3	P250	175.3	19.7	7.0	29.5	\$724.4	15
Mycogen	2J337	VT3	C250	174.6	17.7	2.0	28.1	\$730.3	13
Gold Country	95-11	VT3	P250	174.5	16.4	1.0	30.0	\$735.5	12
Jung	7V316	VT3P	P250	172.0	15.2	2.0	25.6	\$730.1	14
Dairyland	ST9594	VT3	C250	171.1	18.3	2.0	29.5	\$713.1	17
Pioneer	38M58 GC	HX,RR2	C250	171.0	18.8	6.0	31.0	\$710.5	18
Kruger	K-6194VT3	VT3	P500,V	170.9	17.5	5.7	30.0	\$715.6	16
Rea	3T544	VT3	C250	170.7	19.5	1.0	29.5	\$706.3	19
Croplan	3214VT3 GC	VT3	C250	169.1	18.9	1.0	30.5	\$702.2	21
Pannar	4E-705	VT3	C250	168.8	19.2	6.3	28.5	\$699.7	23
Jung	7344VT3	VT3	P250	168.7	19.4	2.0	28.5	\$698.4	24
Rea	4T286	VT3	P250	168.2	18.2	2.0	28.6	\$701.4	22
Proseed	1091	3000GT	C250	167.0	16.3	1.0	31.5	\$704.3	20
Johnson	JSC4939V3P	VT3P	P250	166.0	18.7	1.0	29.5	\$690.1	27
Wensman	W7107VT3	VT3	P250	165.8	16.9	2.0	29.0	\$696.8	26
Proseed	794*	3000GT	C250	165.7	18.4	3.7	29.0	\$690.1	28
Rea	3V440	VT3P	P250	164.4	18.6	2.0	31.0	\$683.9	30
Pannar	4B-910	VT3	C250	164.2	18.6	1.0	30.0	\$683.1	31
NuTech	3C-889	YGCB,RR2	P250	163.8	17.6	18.7	31.9	\$685.5	29
Johnson	JSC4902 CK	GT/CB/LL	AVC	166.4	17.2	27.7	28.0	\$698.0	25
Test Average =				166.7	18.4	5.4	29.3	\$694.3	
LSD (0.10) =				20.2	0.3	10.0			
C.V. =				8.9	1.2				

TEST COMMENTS: *On the wet side most of the growing season. There was root lodging in the field as goose necked corn made it difficult to find rows at times. A strong wind storm in late October caused some stalk lodging as well. Ears stayed on stalks and was able to harvest. Plot drained well and made for good harvest conditions.*

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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 Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
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 [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

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