

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

Mark Yaggie, Wilkin County, MN 56520 [FOXHOME]

85 - 90 Day CRM

PREV. CROP/HERB: Sugarbeet / Roundup B0RDRV03a
 SOIL DESCRIPTION: Hamerlt-Lindaas silty clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 7.9 pH, 3.9% OM
 PEST MANAGEMENT: Harness, Roundup Weathermax 30" ROW SPACING
 FERTILITY - Applied N: 144 Spring,
 Applied N-P-K (units): 144-60-50
 SEEDED - RATE: Apr 28 34,000 /A TOP 30 OF 58 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Nov 3 31,644 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK334RR	RR2	P250	181.7	15.7	1.0	34.1	\$769.2	2
Producers	5004VT3	VT3	P250	181.5	15.8	2.5	35.6	\$767.7	3
Rea	3V376	VT3P	P250	178.2	15.5	1.0	34.1	\$755.4	4
Proseed	990	GT/CB/LL	C250	177.6	16.1	10.0	28.3	\$749.7	5
NuTech	3A-889	RR2	P250	176.9	16.2	1.0	32.7	\$746.9	6
Dairyland	ST9286	VT3	C250	175.7	15.7	1.0	36.3	\$743.8	7
Gold Country	89-09	VT3P	P250	175.5	15.8	5.0	34.1	\$742.4	8
Mycogen	2T224	SS	C250	173.3	15.7	1.0	34.1	\$733.6	9
Renk	RK302GTCBLL	CB/LL	P250	173.0	16.1	5.0	32.7	\$730.5	10
Wensman	W7089VT3	VT3	P250	171.2	15.5	1.0	34.8	\$725.5	11
Dairyland	ST9789	VT3	C250	170.8	16.3	5.0	31.2	\$720.5	12
Wensman	W6105RR	RR2	P250	170.6	16.2	1.0	33.4	\$720.2	13
Kruger	K-6490VT3	VT3	C250	170.6	16.2	1.0	32.7	\$720.2	14
Johnson	JSC4891RR	RR2	P250	168.6	15.6	1.0	31.2	\$714.0	15
Channel	189-59VT3	VT3	P250	168.1	16.2	2.5	29.8	\$709.5	16
Producers	4564VT3	VT3	P250	167.6	15.8	2.5	30.5	\$709.1	17
Stine	9206RR	RR2	P250	166.9	15.7	1.0	30.5	\$706.2	18
Pannar	3B-220	VT3	C250	166.2	15.7	1.0	30.5	\$703.3	19
Mycogen	2P174	YGCB,RR2	C250	165.2	16.1	6.5	34.1	\$697.8	20
Jung	7296VT3	VT3	P250	164.8	16.3	5.0	34.1	\$695.1	21
Mustang	3026	GT/CB/LL	C250	163.7	16.4	10.0	29.0	\$690.1	23
Jung	4D299	VT2P	P250	163.5	15.6	8.5	29.8	\$692.3	22
Dyna-Gro	52V01	VT3	P250	162.6	15.6	5.0	29.8	\$688.6	24
Johnson	JSC4857-3GT	3000GT	P250	162.5	16.3	5.0	31.9	\$685.2	25
Wensman	W7085VT3	VT3	P250	161.6	15.6	13.0	33.4	\$684.3	26
NuTech	3T-484	VT3	C250	161.4	15.8	1.0	28.3	\$683.0	27
Kruger	K-6286VT3	VT3	P250	158.9	16.2	1.0	30.5	\$670.7	28
NuTech	3C-889A	YGCB,RR2	P250	158.3	16.4	1.0	31.2	\$667.5	29
NuTech	G2 5H-891^	HX,RR2	C250	157.4	16.0	1.0	29.8	\$665.2	30
Johnson	JSC4869VT3	VT3	P250	156.8	15.4	1.0	29.8	\$664.9	31
Johnson	JSC4902 CK	GT/CB/LL	AVC	187.3	16.0	1.0	33.4	\$791.5	1
Test Average =				159.8	15.8	4.1	31.6	\$675.9	
LSD (0.10) =				16.3	0.8	10.0			
C.V. =				6.1	2.9				

TEST COMMENTS: *Plenty of rain all summer. Saw some yield loss in any spot that held water for any length of time. A late October wind and rain storm made for difficult harvest conditions. The storm caused some lodging in the field as some stalks got blown down but did hold their ears. One early test replication lost to accidental harvest.*

Lat: N46.66597, Long: W96.30173

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: 11/3/2010

Revised:

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

Mark Yaggie, Wilkin County, MN 56520 [FOXHOME]

91 - 94 Day CRM

PREV. CROP/HERB: Sugarbeet / Roundup B0RDRV03b
 SOIL DESCRIPTION: Hamerlt-Lindaas silty clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 7.9 pH, 3.9% OM
 PEST MANAGEMENT: Harness, Roundup Weathermax 30" ROW SPACING
 FERTILITY - Applied N: 144 Spring,
 Applied N-P-K (units): 144-60-50
 SEEDED - RATE: Apr 28 34,000 /A TOP 30 OF 52 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Nov 3 31,300 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Rea	4T286	VT3	P250	185.6	16.7	1.0	31.4	\$780.9	1
Producers	XP5404VT3	VT3	P250	184.0	17.9	1.0	33.4	\$768.7	2
Rea	3V440	VT3P	P250	182.3	16.7	1.0	32.4	\$767.0	3
Producers	5314VT3	VT3	P250	179.7	17.1	2.0	32.4	\$754.3	4
Jung	7410VT3	VT3	P250	179.6	17.4	1.0	31.0	\$752.5	5
Jung	7344VT3	VT3	P250	178.8	16.9	1.0	32.9	\$751.4	6
Gold Country	93-39	VT3	P250	178.7	16.9	3.0	34.3	\$751.0	7
Kruger	K-7593	VT3P	P250	178.0	16.9	1.0	32.9	\$748.0	8
NuTech	G2 5H-696A [^]	HX,RR2	C250	177.7	18.1	2.0	28.6	\$741.5	10
Johnson	JSC4921RR	RR2	P250	177.4	16.4	2.0	31.4	\$747.7	9
Stine	9311VT3Pro	VT3P	P250	176.6	17.4	11.7	31.9	\$740.0	12
Johnson	JSC4939V3P	VT3P	P250	176.5	17.8	3.0	31.4	\$737.8	13
Dekalb	DKC42-72 GC	VT3	P250	176.0	16.5	1.0	30.5	\$741.4	11
Wensman	W8180STX	SS	P250	175.9	19.4	2.0	31.4	\$728.2	19
Dairyland	ST9594	VT3	C250	174.3	16.4	2.0	30.0	\$734.7	14
Dyna-Gro	CX010194*	RR2	P250	173.8	16.0	1.0	30.0	\$734.3	15
Gold Country	94-29	VT3	P250	173.1	16.5	9.0	31.9	\$729.2	17
Channel	194-27VT3	VT3	P250	172.6	17.4	1.0	33.9	\$723.2	20
Jung	7V316	VT3P	P250	172.2	15.8	2.0	32.4	\$728.4	18
Dairyland	ST6992	RR2	C250	171.6	16.7	2.0	33.4	\$722.0	21
Rea	4V588	VT3P	P250	171.3	17.0	9.0	33.9	\$719.5	22
Proseed	794*	3000GT	C250	170.2	17.0	2.0	30.5	\$714.8	23
NuTech	3T-393 GC	VT3	C250	169.6	16.8	3.0	32.4	\$713.2	24
Rea	3T544	VT3	C250	169.4	17.0	1.0	28.5	\$711.5	26
Mycogen	2J337	VT3	C250	169.0	16.3	1.0	32.9	\$712.8	25
Dyna-Gro	D32RR29	RR2	P250	169.0	16.6	2.0	30.9	\$711.5	27
Wensman	W7107VT3	VT3	P250	168.7	16.6	2.0	30.0	\$710.2	28
Croplan	3214VT3 GC	VT3	C250	168.5	17.1	2.0	32.4	\$707.3	30
NuTech	5B-290	GT/CB/LL	C250	168.0	16.2	7.0	32.9	\$709.0	29
Renk	RK434RR	RR2	P250	167.5	16.4	2.0	32.4	\$706.0	31
Johnson	JSC4902 CK	GT/CB/LL	AVC	173.6	16.5	4.7	32.4	\$731.3	16
Test Average =				168.7	16.9	2.9	31.3	\$709.1	
LSD (0.10) =				12.4	0.5	6.4			
C.V. =				5.4	2.2				


 F.I.R.S.T. Manager

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Revised:



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 [™]

Trademarks

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