

2010 BETTER HYBRIDS Harvest Report for Red River Valley [RDRV]
 Brandon Kub, Richland County, ND 58051 [COLFAX]

EARLY SEASON TEST
85 - 90 Day CRM

PREV. CROP/HERB: Soybean / Roundup, Select B0RDRV04a
 SOIL DESCRIPTION: Heckla-Garborg loamy sand, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. Low P, moderate K, 7.6 pH, 4% OM
 PEST MANAGEMENT: Roundup 30" ROW SPACING
 FERTILITY - Applied N: 130 Spring,
 Applied N-P-K (units): 130-70-100
 SEEDING - RATE: May 21 32,500 /A TOP 30 OF 58 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 24 30,900 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK302GTCBLL	CB/LL	P250	195.8	16.3	1.0	31.0	\$825.8	1
Proseed	990	GT/CB/LL	C250	193.5	16.7	1.0	31.5	\$814.2	3
NuTech	3C-889A	YGCB,RR2	P250	188.2	17.7	1.0	32.4	\$787.1	5
Rea	3V376	VT3P	P250	187.7	15.9	1.0	31.9	\$793.5	4
Wensman	W7089VT3	VT3	P250	185.0	15.7	1.0	29.5	\$783.0	6
Producers	5004VT3	VT3	P250	181.7	16.7	1.0	31.9	\$764.5	9
Mustang	3026	GT/CB/LL	C250	181.5	16.1	1.0	31.4	\$766.4	7
NuTech	3A-889	RR2	P250	180.8	16.9	1.0	31.5	\$759.8	11
Producers	4564VT3	VT3	P250	180.6	15.5	1.0	32.9	\$765.3	8
Titan Pro	80A85GL	3000GT	C250	178.9	14.4	1.0	32.4	\$763.0	10
Johnson	JSC4891RR	RR2	P250	178.0	17.6	1.0	29.0	\$744.9	16
Renk	RK334RR	RR2	P250	177.8	16.6	1.0	33.9	\$748.5	13
Dairyland	ST9789	VT3	C250	177.4	18.0	1.0	31.5	\$740.6	19
NuTech	G2 5H-589A*	HX,RR2	C250	177.2	15.5	1.0	29.0	\$750.9	12
Channel	189-59VT3	VT3	P250	176.8	17.6	1.0	29.0	\$739.9	20
Gold Country	89-09	VT3P	P250	176.5	15.7	1.0	29.5	\$747.0	15
Wensman	W6105RR	RR2	P250	176.5	16.9	1.0	31.9	\$741.7	18
Mustang	2307VT3	VT3	P250	176.2	15.4	1.0	30.0	\$747.1	14
NuTech	5N-186	3000GT	C250	175.9	16.9	1.0	29.5	\$739.2	21
Hyland	HLB32R*	GT/CB/LL	P250	175.3	15.3	1.0	31.0	\$743.7	17
Stine	9206RR	RR2	P250	173.2	16.5	1.0	31.5	\$729.6	23
NK Brand	N23K GT/CB/LL GC	GT/CB/LL	C250	172.7	15.8	1.0	30.0	\$730.5	22
Kruger	K-6490VT3	VT3	C250	172.2	15.9	1.0	33.4	\$728.0	25
Hyland	HL8234*	SS	P250	172.0	15.7	1.0	30.0	\$728.0	24
Stine	9204VT3	VT3	P250	172.0	18.5	1.0	30.0	\$716.0	30
NuTech	G2 5H-891^	HX,RR2	C250	171.9	16.6	1.0	32.4	\$723.7	26
Dyna-Gro	51V57	VT3	P250	170.6	16.4	2.0	31.9	\$719.1	27
Jung	7296VT3	VT3	P250	170.4	16.5	1.0	31.9	\$717.8	28
Proseed	1086*	GT/CB/LL	C250	169.4	16.3	1.0	27.6	\$714.4	31
Stine	9200VT3	VT3	P250	169.3	15.7	1.0	29.5	\$716.6	29
Johnson	JSC4902 CK	GT/CB/LL	AVC	193.1	16.2	1.0	29.5	\$814.9	2
Test Average =				168.7	16.1	1.0	30.9	\$712.3	
LSD (0.10) =				11.7	1.2	0.3			
C.V. =				5.1	5.6				

TEST COMMENTS: *We planted here on May 21 which turned out to be a good time to plant this year. Some heavy rains in the spring caused some damage in fields planted before then. Virtually no lodging. Good looking crops in the area. Ideal harvest weather has helped to keep grain moistures low.*

Lat: N46.50057, Long: W97.01465

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

2010 BETTER HYBRIDS Harvest Report for Red River Valley [RDRV]
 Brandon Kub, Richland County, ND 58051 [COLFAX]

FULL SEASON TEST
91 - 94 Day CRM

PREV. CROP/HERB: Soybean / Roundup, Select B0RDRV04b
 SOIL DESCRIPTION: Heckla-Garborg loamy sand, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. Low P, moderate K, 7.6 pH, 4% OM
 PEST MANAGEMENT: Roundup 30" ROW SPACING
 FERTILITY - Applied N: 130 Spring,
 Applied N-P-K (units): 130-70-100
 SEEDING - RATE: May 21 32,500 /A TOP 30 OF 51 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 24 30,700 /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	183.7	17.8	1.0	31.4	\$767.9	1
NuTech	5B-290	GT/CB/LL	C250	179.7	14.5	1.0	31.0	\$766.0	2
Pannar	4E-705	VT3	C250	177.1	16.8	1.0	31.0	\$744.7	4
Gold Country	95-11	VT3	P250	176.8	16.0	1.0	32.9	\$747.0	3
Gold Country	93-39	VT3	P250	176.4	16.7	1.0	34.9	\$742.2	5
Johnson	JSC4921RR	RR2	P250	175.9	16.7	1.0	29.0	\$740.1	6
Renk	RK434RR	RR2	P250	175.1	16.6	1.0	31.5	\$737.2	7
Johnson	JSC4939V3P	VT3P	P250	174.8	17.9	1.0	31.0	\$730.2	9
Rea	4V588	VT3P	P250	174.6	16.2	1.0	32.4	\$736.8	8
Dyna-Gro	CX010194*	RR2	P250	173.7	17.3	1.0	30.0	\$728.2	10
Channel	194-27VT3	VT3	P250	173.2	18.8	1.0	31.9	\$719.6	11
Rea	3V440	VT3P	P250	171.7	17.5	1.0	31.4	\$719.0	13
Pannar	4B-910	VT3	C250	171.4	17.3	1.0	30.0	\$718.6	14
Kruger	K-7593	VT3P	P250	171.0	16.7	1.0	32.4	\$719.5	12
Kruger	K-6194VT3	VT3	P500,V	169.7	16.5	1.0	30.5	\$714.9	15
Stine	9311VT3Pro	VT3P	P250	169.4	18.1	1.0	31.0	\$706.8	22
Proseed	794*	3000GT	C250	169.0	16.8	1.0	27.6	\$710.6	17
Hyland	HL8454*	SS	P250	168.8	17.5	1.0	29.0	\$706.9	21
Channel	193-46VT3	VT3	P250	168.7	16.0	1.0	31.0	\$712.8	16
Jung	7V316	VT3P	P250	167.6	15.8	1.0	31.9	\$708.9	19
Proseed	894	VT3	P250	167.6	17.1	1.0	31.0	\$703.5	24
Pioneer	38M58 GC	HX,RR2	C250	167.5	16.6	1.0	31.0	\$705.2	23
NuTech	G2 5H-992^	HX,RR2	C250	166.4	14.7	1.0	27.6	\$708.4	20
Hyland	HLCVR64	VT3	P250	166.3	18.4	1.0	33.4	\$692.6	29
Gold Country	94-29	VT3	P250	166.2	17.5	1.0	30.5	\$696.0	26
Jung	7344VT3	VT3	P250	166.0	16.3	1.0	31.4	\$700.1	25
Mustang	3319VT3	VT3	P250	165.8	18.1	1.0	32.4	\$691.8	30
NuTech	3C-889	YGCB,RR2	P250	164.8	16.8	1.0	30.5	\$693.0	28
Dekalb	DKC42-72 GC	VT3	P250	163.7	15.6	1.0	31.0	\$693.3	27
Wensman	W7195VT3	VT3	P250	163.3	16.9	1.0	28.6	\$686.3	31
Johnson	JSC4902 CK	GT/CB/LL	AVC	167.1	15.3	1.0	31.0	\$708.9	18
Test Average =				166.0	17.1	1.0	30.7	\$696.6	
LSD (0.10) =				10.2	1.3	n.s.			
C.V. =				4.5	5.4				

TEST COMMENTS: *We planted here on May 21 which turned out to be a good time to plant this year. Some heavy rains in the spring caused some damage in fields planted before then. Virtually no lodging. Good looking crops in the area. Ideal harvest weather has helped to keep grain moistures low.*
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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 [™]

Trademarks

- Excalibre[™] is a trademark of Advanced Biological Marketing
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- Optimize[®] is a trademark of EMD Crop BioScience Inc.
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