

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

Tyler Odegaard, Cass County, ND 58051 [KINDRED]

85 - 90 Day CRM

PREV. CROP/HERB: Soybean / Roundup B0RDRV02a
 SOIL DESCRIPTION: Fargo silty clay, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, high K, 7.8 pH, 5.2% OM
 PEST MANAGEMENT: Roundup 30" ROW SPACING
 FERTILITY - Applied N: 100 Spring,
 Applied N-P-K (units): 100-0-0
 SEEDED - RATE: Apr 28 34,000 /A TOP 30 OF 58 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 25 30,700 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	9200VT3	VT3	P250	181.8	13.6	1.0	29.5	\$779.0	1
Rea	3V376	VT3P	P250	180.6	13.8	1.0	32.9	\$773.0	2
NuTech	G2 5H-589 [*]	HX,RR2	C250	177.5	13.0	1.0	31.9	\$763.3	3
NuTech	G2 5H-891 [^]	HX,RR2	C250	176.2	14.3	1.0	32.4	\$751.9	4
NuTech	3T-484	VT3	C250	175.2	13.8	1.0	30.0	\$749.9	5
Renk	RK302GTCBLL	CB/LL	P250	175.0	14.8	1.0	31.4	\$744.6	7
Mycogen	2P174	YGCB,RR2	C250	173.7	13.9	1.0	30.5	\$743.0	8
Rea	2T687	VT3	P250	173.6	13.4	1.0	32.4	\$744.7	6
NuTech	3A-889	RR2	P250	172.9	14.1	1.0	31.4	\$738.7	9
Renk	RK334RR	RR2	P250	172.4	14.3	1.0	30.5	\$735.7	10
Hyland	HLB32R [*]	GT/CB/LL	P250	171.7	14.6	1.0	31.4	\$731.4	11
Titan Pro	80A85GL	3000GT	C250	168.4	13.9	1.0	31.9	\$720.3	12
Channel	189-59VT3	VT3	P250	166.6	14.7	1.0	31.0	\$709.3	14
Rea	2T149	VT3	P250	166.3	13.5	1.0	30.0	\$713.0	13
Johnson	JSC4857-3GT	3000GT	P250	165.2	14.2	1.0	32.4	\$705.4	16
Wensman	W7089VT3	VT3	P250	165.0	13.7	1.0	35.3	\$706.6	15
Proseed	990	GT/CB/LL	C250	165.0	14.5	1.0	29.0	\$703.3	19
Gold Country	89-09	VT3P	P250	164.7	13.9	1.0	30.5	\$704.5	17
Proseed	1086 [*]	GT/CB/LL	C250	164.5	14.3	1.0	29.0	\$702.0	20
Dairyland	ST9789	VT3	C250	163.9	15.0	1.0	32.4	\$696.6	24
NuTech	3C-889A	YGCB,RR2	P250	163.8	14.2	1.0	26.6	\$699.4	21
Mustang	3026	GT/CB/LL	C250	163.5	14.2	1.0	28.1	\$698.1	22
Wensman	W6105RR	RR2	P250	163.0	13.9	1.0	31.9	\$697.2	23
Channel	187-73R	RR2	P250	162.6	13.9	1.0	29.0	\$695.5	25
Johnson	JSC4891RR	RR2	P250	161.9	14.2	1.0	31.5	\$691.3	26
Mustang	2307VT3	VT3	P250	161.5	13.8	1.0	29.0	\$691.2	27
Wensman	W7085VT3	VT3	P250	161.2	13.7	1.0	33.4	\$690.3	28
Jung	4D299	VT2P	P250	161.1	14.0	1.0	30.0	\$688.7	29
Dairyland	ST9286	VT3	C250	160.7	13.6	1.0	28.5	\$688.6	30
Proseed	787	SS	P250	160.1	13.6	1.0	27.6	\$686.0	31
Johnson	JSC4902 CK	GT/CB/LL	AVC	165.1	14.6	1.0	31.0	\$703.3	18
Test Average =				161.1	14.0	1.0	30.7	\$688.6	
LSD (0.10) =				12.9	0.6	n.s.			
C.V. =				5.9	2.9				

TEST COMMENTS: *This area stayed on the wet side most of the growing season. Aside from the saturated soils no other weather events stressed the crop this year. The corn stood well and so no lodging issues. Yield in the area is above average and it was a good year to plant with a high population. Starter fertilizer was not used on the plot.*
Lat: N46.66597, Long: W96.94892

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]

Tyler Odegaard, Cass County, ND 58051 [KINDRED]

FULL SEASON TEST
91 - 94 Day CRM

PREV. CROP/HERB: Soybean / Roundup

B0RDRV02b

SOIL DESCRIPTION: Fargo silty clay, mod. well drained, conventional w/ fall till, non-irrigated

SOIL CONDITIONS: Mod. High P, high K, 7.8 pH, 5.2% OM

PEST MANAGEMENT: Roundup

30" ROW SPACING

FERTILITY - Applied N: 100 Spring,

Applied N-P-K (units): 100-0-0

SEEDED - RATE: Apr 28 34,000 /A

TOP 30 OF 52 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 25 30,700 /A

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Producers	XP5404VT3	VT3	P250	178.3	15.5	1.0	29.0	\$755.5	1
Rea	4V588	VT3P	P250	172.8	14.7	1.0	31.0	\$735.7	2
Pannar	4E-705	VT3	C250	169.5	13.9	1.0	30.5	\$725.0	3
Dyna-Gro	CX010194*	RR2	P250	168.7	14.9	1.0	29.5	\$717.4	4
Pioneer	38M58 GC	HX,RR2	C250	168.7	15.3	1.0	32.9	\$715.7	5
Pannar	4B-910	VT3	C250	168.5	15.1	1.0	29.5	\$715.7	6
Johnson	JSC4939V3P	VT3P	P250	168.1	16.1	1.0	31.0	\$709.8	8
Channel	193-46VT3	VT3	P250	166.7	14.3	1.0	30.0	\$711.4	7
Proseed	894	VT3	P250	166.4	14.6	1.0	31.4	\$708.9	9
Wensman	W7195VT3	VT3	P250	164.7	14.4	1.0	31.4	\$702.4	10
Kruger	K-7593	VT3P	P250	164.3	14.9	1.0	30.5	\$698.7	11
Wensman	W8180STX	SS	P250	161.6	17.1	1.0	31.5	\$678.3	18
NuTech	G2 5H-696A^	HX,RR2	C250	161.1	16.6	1.0	31.0	\$678.2	19
Dekalb	DKC42-72 GC	VT3	P250	160.9	14.4	1.0	32.4	\$686.2	13
Jung	7410VT3	VT3	P250	160.9	15.5	1.0	31.0	\$681.8	16
Proseed	1091	3000GT	C250	160.7	14.2	1.0	31.5	\$686.2	14
Jung	7V316	VT3P	P250	160.5	13.6	1.0	31.5	\$687.7	12
Gold Country	94-29	VT3	P250	160.1	14.4	1.0	30.9	\$682.8	15
Channel	194-27VT3	VT3	P250	159.8	15.9	1.0	31.0	\$675.6	23
Dairyland	ST9594	VT3	C250	159.3	15.3	1.0	30.0	\$675.8	21
Proseed	794*	3000GT	C250	159.1	15.1	1.0	29.5	\$675.8	22
NuTech	G2 5H-992^	HX,RR2	C250	158.7	13.7	1.0	31.9	\$679.6	17
Wensman	W7107VT3	VT3	P250	158.6	14.5	1.0	27.6	\$676.0	20
Wensman	W7143VT3	VT3	P250	157.4	14.9	1.0	32.4	\$669.3	26
Jung	7344VT3	VT3	P250	157.3	14.5	1.0	31.0	\$670.5	24
NuTech	5N-593	3000GT	C250	157.1	14.4	1.0	28.5	\$670.0	25
Stine	9311VT3Pro	VT3P	P250	156.5	15.5	1.0	30.5	\$663.2	28
Dyna-Gro	D32RR29	RR2	P250	156.3	14.1	1.0	32.4	\$667.8	27
Kruger	K-7495	VT3P	P250	156.3	15.4	1.0	30.0	\$662.7	29
NuTech	3T-393 GC	VT3	C250	154.8	14.4	1.0	32.4	\$660.2	30
Johnson	JSC4902 CK	GT/CB/LL	AVC	134.6	14.3	1.0	31.9	\$574.4	52
Test Average =				156.3	15.0	1.0	30.7	\$664.6	
LSD (0.10) =				15.1	0.9	0.3			
C.V. =				7.1	4.4				

TEST COMMENTS: *This area stayed on the wet side most of the growing season. Aside from the saturated soils no other weather events stressed the crop this year. The corn stood well and so no lodging issues. Yield in the area is above average and it was a good year to plant with a high population. Starter fertilizer was not used on the plot.* Lat: N46.66597, Long: W96.94892

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

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Report Date: 10/27/2010

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 [™]

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