

2011 BETTER HYBRIDS Harvest Report for Red River Valley [RDRV]

Tyler Odegaard, Cass County, ND 58051 [KINDRED]

EARLY SEASON TEST
85 - 90 Day CRM

B1RDRV02a

PREV. CROP/HERB: Soybean / Roundup

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

SOIL CONDITION: Mod. High P, high K, 7.2 pH, 5% OM

PEST MANAGEMENT: Roundup

30" ROW SPACING

FERTILITY - Applied N: 100 Fall,

Applied N-P-K (units): 100-50-0

SEEDED - RATE: May 19 34,000 /A

TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 22 30,500 /A

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	5N-186*	3000GT	C250	86	171.3	12.4	1.0	31.2	1,027.8	1
Dyna-Gro	51V57	VT3	P250	85	170.9	12.2	1.0	31.2	1,025.4	2
Kruger	K-7386	VT3P	P500,V	86	168.0	12.2	1.0	29.1	1,008.0	3
Hyland	8234*	STX	P250	86	164.0	11.8	1.0	27.6	984.0	4
Channel	190-21VT3P	VT3P	P500,V	90	161.8	12.2	1.0	29.0	970.8	5
Mustang	3026	GT/CB/LL	P500,V	90	160.8	11.8	2.5	29.8	964.8	6
Renk	RK334RR	RR2	P250	90	158.0	12.0	1.0	29.1	948.0	7
Dyna-Gro	52V01	VT3	P250	87	156.0	11.8	1.0	29.8	936.0	8
AgVenture/Scherr	2949	3000GT	P250	85	155.7	12.1	1.0	29.0	934.2	9
Proseed	1083GT*	GT	C250	83	152.0	12.0	1.0	31.9	912.0	10
Seeds 2000	2852GTCBLL	GT/CB/LL	C250	85	151.0	12.3	2.5	31.9	906.0	11
Rea	3B266	VT2P	P250	89	149.5	11.6	1.0	30.5	897.0	12
Kruger	K-4189	VT2P	P500,V	89	149.0	11.9	1.0	29.1	894.0	13
Producers	5004VT3	VT3	P500,V	90	147.4	12.5	1.0	31.9	884.4	14
Kruger	K4-9489	STX	P500,V	89	147.4	12.7	1.0	32.7	884.4	15
Kruger	K-6385VT3	VT3	P500,V	85	146.8	12.2	1.0	31.2	880.8	16
Wensman	W 8089VT2PRO	VT2P	P250	86	146.2	11.8	1.0	30.5	877.2	17
Wensman	W 8085VT2PRO	VT2P	P250	84	144.0	12.2	1.0	34.1	864.0	18
Titan Pro	X81A88GLV	GT	C250	88	143.8	11.6	1.0	29.8	862.8	19
NuTech	5N-290*	3000GT	C250	90	143.3	11.2	2.5	28.3	859.8	20
Channel	190-95VT3P	VT3P	P500,V	90	141.9	12.0	1.0	26.9	851.4	21
Proseed	1086-3000GT*	3000GT	C250	86	141.0	11.8	1.0	32.7	846.0	22
Mustang	2307	VT3	P500,V	86	140.3	11.7	1.0	27.6	841.8	23
Seeds 2000	2903GTCBLL	GT/CB/LL	C250	90	139.5	12.2	1.0	30.5	837.0	24
Dyna-Gro	D27GC19	GT/CB/LL	P250	87	139.2	12.4	1.0	32.7	835.2	25
G2 Genetics	5X-8901^	HXT,RR2	P1250,V	89	139.1	12.1	1.0	29.1	834.6	26
Dairyland	ST-7985	GT/CB/LL	C250	86	138.2	12.1	1.0	29.1	829.2	27
Wensman	W 7107VT3	VT3	P250	90	135.1	13.0	1.0	29.0	810.6	28
NuTech	5N-9001*	3000GT	C250	90	134.0	12.3	1.0	28.3	804.0	29
Dairyland	ST-9085	3000GT	C250	85	133.3	12.0	1.0	31.2	799.8	30
Rea	3V376 CK	VT3P	P250	89	128.3	11.8	1.0	30.5	769.8	38
Test Average =					140.8	12.1	1.1	30.5	844.5	
LSD (0.10) =					22.3	0.7	0.9			
C.V. =					9.4	3.3				

TEST COMMENTS: *We had spring floods and wet cool weather in the area to start the season. After planting we had good emergence but the prolonged excessive moisture took its toll when nitrogen was leached from the soils. This site never fully recovered with damage and loss of 1 rep from each test. Farmers had a tough year and yields are poor in the area.*

Lat: N46.67043, Long: W-96.96914

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

^{††} IST: **AV** - Avicta, **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 comparison product, * = brands without a seed lot number; **ns** = not significantly different

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

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Report Date: 10/24/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Red River Valley [RDRV]

Tyler Odegaard, Cass County, ND 58051 [KINDRED]

FULL SEASON TEST
91 - 94 Day CRM

B1RDRV02b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Fargo silty clay, poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, high K, 7.2 pH, 5% OM
 PEST MANAGEMENT: Roundup
 FERTILITY - Applied N: 100 Fall,
 Applied N-P-K (units): 100-50-0

30" ROW SPACING

 SEEDED - RATE: May 19 34,000 /A
 HARVESTED - STAND: Oct 22 30,400 /A

TOP 30 OF 45 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (2) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Gold Country	93-39	VT3P	P250	93	163.7	11.8	1.0	31.2	982.2	1
Stine	9206RR*	RR2	C250	91	157.8	11.9	1.0	30.5	946.8	2
Hyland	8323	STX	P250	92	155.0	14.5	1.0	32.0	930.0	3
Hyland	8386*	STX	P250	92	153.9	13.0	1.0	31.2	923.4	4
Stine	9311VT3Pro*	VT3P	C250	93	153.8	12.5	1.0	31.2	922.8	5
Kruger	K-7593	VT3P	P500,V	93	151.6	11.3	1.0	31.9	909.6	6
Channel	194-27VT2P	VT2P	P500,V	94	151.0	11.9	1.0	32.0	906.0	7
Rea	4B285	VT2P	P250	93	149.5	11.8	1.0	31.9	897.0	8
Gold Country	93-07	VT3P	P250	93	145.8	11.8	1.0	33.4	874.8	9
Producers	5408STX	STX	P500,V	94	145.1	13.7	1.0	29.8	870.6	10
Producers	5223VT2Pro	VT2P	P500,V	92	144.6	13.1	1.0	32.7	867.6	11
Kruger	K-4292	VT2P	P500,V	92	143.3	11.9	1.0	31.9	859.8	12
Rea	3V440	VT3P	P250	91	141.9	12.4	1.0	30.5	851.4	13
Kruger	K-7495	VT3P	P500,V	95	136.1	12.1	1.0	33.4	816.6	14
Seeds 2000	9202VT2P	VT2P	P250	92	135.2	12.6	1.0	31.2	811.2	15
AgVenture/Scherr	GL4342ABW	3000GT	C250	92	133.7	11.8	1.0	31.2	802.2	16
Dyna-Gro	D35RR40	RR2	P250	95	132.7	11.7	1.0	29.1	796.2	17
Hyland	8454*	STX	P250	98	132.0	12.6	1.0	27.6	792.0	18
Proseed	1191VT3Pro*	VT3P	C250	91	131.9	13.0	1.0	29.1	791.4	19
Rea	3T544	VT3	P250	92	130.4	15.1	1.0	31.2	781.7	20
Proseed	794-3000GT*	3000GT	C250	94	129.8	12.4	1.0	32.7	778.8	21
Gold Country	94-29	VT3	P250	94	129.7	13.3	1.0	28.3	778.2	22
Wensman	W 7140VT3PRO	VT3P	P250	93	129.5	13.1	1.0	28.3	777.0	23
Channel	193-46VT3	VT3	P500,V	93	128.8	13.6	1.0	28.3	772.8	24
Wensman	W 6193RR	RR2	P250	94	128.4	13.6	1.0	29.8	770.4	25
G2 Genetics	5H-492^	HX,RR2	P1250,V	92	127.8	12.3	1.0	29.0	766.8	26
G2 Genetics	5X-795^	HXT,RR2	P1250,V	94	127.5	16.2	1.0	29.1	757.4	27
Wensman	W 7143VT3	VT3	P250	93	125.8	13.8	1.0	32.7	754.8	28
Mustang	3347	VT3	P500,V	92	125.2	14.9	1.0	31.9	751.2	29
Dairyland	ST-7291	HX,RR2	C250	91	125.0	11.7	1.0	29.1	750.0	30
Rea	3V376 CK	VT3P	P250	89	113.9	11.6	1.0	29.8	683.4	38
Test Average =					130.3	12.8	1.0	30.4	781.4	
LSD (0.10) =					23.6	1.2	ns			
C.V. =					10.8	5.5				



F.I.R.S.T. Manager

TEST COMMENTS: *We had spring floods and wet cool weather in the area to start the season. After planting we had good emergence but the prolonged excessive moisture took its toll when nitrogen was leached from the soils. This site never fully recovered with damage and loss of 1 rep from each test. Farmers had a tough year and yields are poor in the area.*

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

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