

2012 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: Sugarbeet B2RDRV15a
 SOIL DESCRIPTION: Wyndmere sandy loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Low P, moderate K, 7.5 pH, 4% OM
 PEST MANAGEMENT: Force, Roundup, Laudis, Atrazine 30" ROW SPACING
 FERTILITY - Applied N: 140 Spring
 Applied N-P-K (units): 140-40-60
 SEEDED - RATE: May 10 31,400 /A TOP 30 OF 53 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 16 29,300 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Seeds 2000	2903GTCBLL	GT/CB/LL	MQ,C2	90	269.4	13.9	9	30.5	2,021	1
Stine	9140 3000GT	3000GT	MX,P2	85	269.1	13.0	2	29.5	2,018	2
NuTech	5B-290	GT/CB/LL	MQ,R,C2	90	268.7	14.2	1	29.5	2,015	3
Rea	3A377-RIB	STX-R	AC,P2	89	268.1	13.2	1	29.0	2,011	4
Rea	3B330-RIB	VT2P-R	AC,P2	90	267.4	14.0	1	29.0	2,006	5
Stine	9207 3000GT	3000GT	MQ,C2	90	265.3	14.4	1	27.6	1,990	6
Rea	2V870	VT3P	AC,P5V	87	265.2	13.0	1	30.0	1,989	7
Mustang	3424	3000GT	AC,P2	90	264.7	14.1	1	30.5	1,985	8
Kruger	KR-4189	VT2P-R	AC,P2	89	263.7	13.8	1	31.0	1,978	9
Kruger	K4R-9489	STX-R	AC,P5V	89	263.0	14.6	1	28.1	1,973	10
Prairie Brand	920GT3	3000GT	MQ,C2	90	258.2	14.2	1	28.5	1,937	12
Renk	RK302GTCBLLRW	3000GT	AC,P2	90	257.7	14.1	4	28.5	1,933	13
Rea	3B266-RIB	VT2P-R	AC,P5V	89	257.2	13.8	1	28.5	1,929	14
Dairyland	DS7985	GT/CB/LL	MQ,C2	85	256.4	13.9	1	29.0	1,923	15
Producers	4974VT3Pro	VT3P	AC,P5V	89	254.8	13.6	1	28.5	1,911	16
Kruger	K-7386	VT3P	AC,P5V	85	253.7	12.4	1	31.0	1,903	17
Wensman	W 7110VT3PRO	VT3P	AC,P5V	90	253.5	13.7	1	31.0	1,901	18
Seeds 2000	2852GTCBLL	GT/CB/LL	MQ,C2	85	253.3	13.7	2	26.1	1,900	19
Channel	195-46STXRIB GC	STX-R	AC,P5V	95	252.5	15.4	4	31.0	1,891	20
Dairyland	DS7085	GT/CB/LL	MQ,C2	85	252.1	12.9	1	30.0	1,891	21
Renk	RK266VT3P	VT3P	AC,P2	83	251.3	13.3	1	29.5	1,885	22
AgVenture/Scherr	GL3349ABW	3000GT	P5	86	251.1	15.2	1	29.0	1,882	23
AgVenture/Scherr	GL2708ABW	3000GT	P2	88	250.0	13.4	2	30.0	1,875	24
Mustang	2307VT3	VT3	AC,P2	86	249.6	13.2	1	30.5	1,872	25
Dairyland	DS9487SSX	STX	AVC,C2	87	248.1	13.5	1	30.0	1,861	26
Dyna-Gro	D26VP56	VT3P	AC,P5V	86	246.2	13.7	1	30.0	1,847	27
G2 Genetics	5H-587^	HX,RR2	MQ,R,P1V	87	245.6	13.7	1	29.0	1,842	28
G2 Genetics	5H-289^	HX,RR2	MQ,R,P1V	89	243.1	13.4	1	29.0	1,823	29
Proseed	990-3000GT	3000GT	MQ,C2	90	242.8	15.2	1	24.2	1,820	30
Kruger	K-7184	VT3P	AC,P5V	85	242.1	13.0	1	30.5	1,816	31
Channel	190-95VT3P CK	VT3P	AC,P5V	90	259.1	12.9	1	28.5	1,943	11
Test Average =					246.4	13.6	2	29.3	1,848	
LSD (0.10) =					19.8	0.7	5			
C.V. =					5.9	4.1				


 F.I.R.S.T. Manager

TEST COMMENTS: *By the looks of these tests at harvest, this site had no stress all year. The plot ground has a high water table which may have contributed to the excellent yield results in an otherwise dry year. Brandon reported record corn yields this year. Looks like this geography had good yields as all the elevators have piles of grain stored on the ground.*

Lat: 46.50036, Long: -97.01451

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

† See last page for Product/Brand, Technology and Seed Treatment information.
 → 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, **ns** = not significantly different

2012 BETTER HYBRIDS Harvest Report for Red River Valley [RDRV]

Brandon Kub, Richland County, ND 58051 [COLFAX]

FULL SEASON TEST
91 - 94 Day CRM

B2RDRV15b

PREV. CROP/HERB: Sugarbeet
 SOIL DESCRIPTION: Wyndmere sandy loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Low P, moderate K, 7.5 pH, 4% OM
 PEST MANAGEMENT: Force, Roundup, Laudis, Atrazine
 FERTILITY - Applied N: 140 Spring
 Applied N-P-K (units): 140-40-60

30" ROW SPACING

SEEDED - RATE: May 10 31,400 /A
 HARVESTED - STAND: Oct 16 29,500 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	D34VP52	VT3P	AC,P5V	94	270.9	15.2	1	29.5	2,030	1
Renk	RK492VT3P	VT3P	AC,P2	92	267.4	13.6	1	31.4	2,006	2
Kruger	KR-4292	VT2P-R	AC,P5V	92	266.1	14.7	1	30.0	1,996	3
Proseed	1295SS	STX	AC,P2	95	263.0	13.9	1	28.1	1,973	4
Wensman	W 8184VT3PRO	VT3P	AC,P5V	95	262.3	14.6	1	30.9	1,967	5
Dyna-Gro	D35VP40	VT3P	AC,P2	95	261.1	13.5	1	30.0	1,958	6
Wensman	W 8120VT2RIB	VT2P-R	AC,P5V	92	260.4	13.5	1	30.0	1,953	7
Wensman	W 8195VT2RIB	VT2P-R	AC,P5V	95	259.7	14.4	1	29.0	1,948	8
Titan Pro	92A90GLV	3111	MQ,C2	91	259.6	13.7	1	29.5	1,947	9
Gold Country	93-07 GC	VT3P	AC,P5V	93	258.7	13.7	1	28.5	1,940	10
Kruger	K-7194	VT3P	AC,P5V	94	258.0	13.6	1	29.5	1,935	11
Proseed	1292VT2Pro	VT2P	AC,P2	92	256.2	13.4	1	30.5	1,922	12
Kruger	K4R-9593	STX-R	AC,P5V	93	254.7	15.9	1	28.5	1,905	13
Rea	4V941	VT3P	AC,P5V	94	253.2	15.6	1	27.6	1,895	14
Rea	3V921	VT3P	AC,P5V	92	252.2	13.7	1	29.0	1,892	15
Kruger	K-7091	VT3P	AC,P5V	91	250.6	14.5	1	29.5	1,880	16
Dyna-Gro	D32VP29	VT3P	AC,P2	92	250.5	12.9	1	30.5	1,879	17
Rea	4B285-RIB	VT2P-R	AC,P2	93	249.8	14.9	1	29.5	1,874	18
Renk	RK434VT3P	VT3P	AC,P2	92	249.1	13.1	1	28.5	1,868	19
Titan Pro	X2M91	VT3P	AC,P5V	91	249.1	14.0	1	30.0	1,868	20
Rea	3V440	VT3P	AC,P5V	91	248.3	13.6	1	30.0	1,862	21
AgVenture/Scherr	GL4342ABW	3000GT	P5	92	247.9	14.5	2	28.1	1,859	22
Producers	5144VT3Pro	VT3P	AC,P5V	91	247.1	12.9	1	29.0	1,853	23
G2 Genetics	5X-795^	HXT,RR2	MQ,R,C2	94	245.4	15.2	1	29.0	1,839	24
Proseed	1191SS	STX	AC,P2	91	243.4	14.0	1	30.0	1,826	26
Dyna-Gro	D31VP31	VT3P	AC,P2	91	242.4	13.5	1	29.5	1,818	27
Producers	5224VT3Pro	VT3P	AC,P5V	92	241.8	13.3	1	29.0	1,814	28
G2 Genetics	5X-9402^	HXT,RR2	MQ,R,P1V	94	240.7	13.8	1	30.5	1,805	29
Mustang	3643	VT3P	AC,P2	93	240.3	14.3	1	31.0	1,802	30
Seeds 2000	9202VT2P	VT2P	AC,P2	92	240.0	14.1	1	30.0	1,800	31
Channel	190-95VT3P CK	VT3P	AC,P5V	90	244.5	13.0	1	29.5	1,834	25
Test Average =					245.7	14.1	1	29.5	1,843	
LSD (0.10) =					20.0	1.4	0			
C.V. =					6.0	7.4				


 F.I.R.S.T. Manager

TEST COMMENTS: *By the looks of these tests at harvest, this site had no stress all year. The plot ground has a high water table which may have contributed to the excellent yield results in an otherwise dry year. Brandon reported record corn yields this year. Looks like this geography had good yields as all the elevators have piles of grain stored on the ground.*

Lat: 46.50036, Long: -97.01451

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.50

† See last page for Product/Brand, Technology and Seed Treatment information.
 → 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, **ns** = not significantly different



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 Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonylurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.