

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

Marshall Giannonatti, Cass County, ND 58012 [CASSELTON]

EARLY SEASON TEST
85 - 90 Day CRM

B2RDRV17a

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Glyndon-Tiffany silt loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 7.9 pH, 4% OM
 PEST MANAGEMENT: Force, Cornerstone, Class Act
 FERTILITY - Applied N: 120 Fall
 Applied N-P-K (units): 120-40-5

30" ROW SPACING

SEEDED - RATE: May 10 31,400 /A
 HARVESTED - STAND: Oct 15 29,900 /A

TOP 30 OF 53 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (2) 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	270.6	14.4	1	31.9	2,030	1
AgVenture/Scherr	GL2949AB	GT/CB/LL	P5	84	244.6	13.5	1	30.5	1,835	2
Rea	3B330-RIB	VT2P-R	AC,P2	90	243.1	13.3	1	28.3	1,823	3
Rea	3B266-RIB	VT2P-R	AC,P5V	89	242.6	13.4	1	31.2	1,820	4
Dairyland	DS7985	GT/CB/LL	MQ,C2	85	242.3	14.1	1	30.5	1,817	5
AgVenture/Scherr	GL2708ABW	3000GT	P2	88	239.1	13.9	5	30.5	1,793	6
Mustang	2307VT3	VT3	AC,P2	86	237.9	12.8	1	29.8	1,784	7
Wensman	W 7110VT3PRO	VT3P	AC,P5V	90	237.6	13.0	3	29.1	1,782	8
Kruger	K4R-9489	STX-R	AC,P5V	89	236.3	14.3	3	28.3	1,772	9
Wensman	W 8086RR	RR2	AC,P5V	85	235.8	12.7	1	31.2	1,769	10
AgVenture/Scherr	GL3349ABW	3000GT	P5	86	235.5	15.2	1	29.8	1,765	11
Gold Country	85-39GENVT3P GC	VT3P	AC,P5V	85	235.1	12.8	1	31.2	1,763	12
Seeds 2000	2852GTCBLL	GT/CB/LL	MQ,C2	85	233.7	13.8	7	31.2	1,753	14
Hyland	8202	STX	P2	85	232.2	13.7	1	29.8	1,742	15
Dairyland	DS7085	GT/CB/LL	MQ,C2	85	231.9	13.3	1	29.8	1,739	16
Proseed	1288-3111	3111	MQ,C2	88	230.9	13.5	16	30.5	1,732	17
Rea	3A377-RIB	STX-R	AC,P2	89	230.8	13.2	3	29.8	1,731	18
Channel	195-46STXRIB GC	STX-R	AC,P5V	95	230.6	16.0	1	28.3	1,724	19
NuTech	5B-290	GT/CB/LL	MQ,R,C2	90	229.8	13.7	7	31.2	1,724	20
Rea	2V870	VT3P	AC,P5V	87	229.6	13.6	1	31.2	1,722	21
G2 Genetics	5H-890^	HX,RR2	MQ,R,P1V	90	228.7	12.6	1	31.2	1,715	22
Stine	9207 3000GT	3000GT	MQ,C2	90	228.4	14.3	9	28.3	1,713	23
Mustang	3424	3000GT	AC,P2	90	228.0	14.1	9	29.0	1,710	24
Dyna-Gro	52V01	VT3	AC,P2	87	227.0	12.9	1	31.2	1,703	25
G2 Genetics	5H-587^	HX,RR2	MQ,R,P1V	87	226.7	14.1	3	30.5	1,700	26
Kruger	KR-4189	VT2P-R	AC,P2	89	225.5	13.2	1	29.8	1,691	27
Kruger	K-7386	VT3P	AC,P5V	85	225.1	12.5	1	30.5	1,688	28
Mustang	2285	VT3P	AC,P2	85	224.9	13.1	1	31.9	1,687	29
Dyna-Gro	D26VP56	VT3P	AC,P5V	86	223.9	12.5	1	30.5	1,679	30
Seeds 2000	8801VT2P	VT2P	AC,P2	88	222.7	12.3	5	31.2	1,670	31
Channel	190-95VT3P CK	VT3P	AC,P5V	90	235.0	13.0	1	29.1	1,763	13
Test Average =					221.9	13.2	4	29.9	1,664	
LSD (0.10) =					30.9	1.1	11			
C.V. =					8.4	5.1				


 F.I.R.S.T. Manager

TEST COMMENTS: *In the plot, lodged stalks laid flat on the ground, consequently they didn't feed well into the corn head while harvesting. The corn stalks that lodged also had weak ear shanks so we lost some corn on the ground before and during harvest. The drought stress this year showed up in the stalks at harvest and caused some variable yield results.*

Lat: 46.97888, Long: -97.21947

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]

Marshall Giannonatti, Cass County, ND 58012 [CASSELTON]

FULL SEASON TEST
91 - 94 Day CRM

B2RDRV17b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Glyndon-Tiffany silt loam, mod. poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 7.9 pH, 4% OM
 PEST MANAGEMENT: Force, Cornerstone, Class Act
 FERTILITY - Applied N: 120 Fall
 Applied N-P-K (units): 120-40-5

30" ROW SPACING

SEEDED - RATE: May 10 31,400 /A
 HARVESTED - STAND: Oct 15 29,700 /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	217.9	13.3	27	31.4	1,634	1
Wensman	W 7140VT3PRO	VT3P	AC,P5V	93	216.8	13.0	4	30.0	1,626	2
Seeds 2000	9202VT2P	VT2P	AC,P2	92	214.6	12.0	18	30.0	1,610	3
Hyland	8300	STX	P2	91	213.0	12.3	6	30.5	1,598	4
Renk	RK492VT3P	VT3P	AC,P2	92	212.6	12.2	7	28.5	1,595	5
Rea	4B285-RIB	VT2P-R	AC,P2	93	211.3	12.3	22	29.5	1,585	6
Rea	3V440	VT3P	AC,P5V	91	210.9	12.7	7	30.5	1,582	7
Wensman	W 8184VT3PRO	VT3P	AC,P5V	95	203.4	13.7	19	31.0	1,526	8
Kruger	K-7194	VT3P	AC,P5V	94	202.0	12.8	10	28.1	1,515	9
Producers	5144VT3Pro	VT3P	AC,P5V	91	201.6	12.2	11	29.0	1,512	10
Proseed	1193VT3Pro	VT3P	AC,P2	93	201.1	12.7	5	30.0	1,508	11
Mustang	3643	VT3P	AC,P2	93	200.2	13.0	11	28.5	1,502	12
Titan Pro	X2M91	VT3P	AC,P5V	91	199.5	12.3	5	29.0	1,496	13
Renk	RK434VT3P	VT3P	AC,P2	92	198.8	11.9	10	30.0	1,491	14
Proseed	1292VT2Pro	VT2P	AC,P2	92	196.9	11.9	19	31.0	1,477	15
G2 Genetics	5X-9402^	HXT,RR2	MQ,R,P1V	94	196.1	12.4	19	29.5	1,471	16
Dyna-Gro	D31VP31	VT3P	AC,P2	91	195.7	12.2	15	30.0	1,468	17
Titan Pro	X2M93	VT3P	AC,P5V	93	194.1	12.7	4	28.1	1,456	18
Dyna-Gro	D35VP40	VT3P	AC,P2	95	194.1	12.0	18	31.4	1,456	19
G2 Genetics	5X-193^	HXT,RR2	MQ,R,P1V	93	192.9	12.6	4	28.5	1,447	20
Renk	RK530VT3P	VT3P	AC,P2	94	192.5	12.7	3	30.0	1,444	21
Rea	4V941	VT3P	AC,P5V	94	191.2	12.7	13	29.5	1,434	22
Kruger	K4R-9593	STX-R	AC,P5V	93	190.4	12.7	19	31.0	1,428	24
Stine	9311VT3Pro	VT3P	AC,P2	92	190.1	12.6	2	28.5	1,426	25
Proseed	1191SS	STX	AC,P2	91	187.3	11.9	7	28.5	1,405	26
G2 Genetics	5X-795^	HXT,RR2	MQ,R,C2	94	186.7	12.5	2	29.5	1,400	27
AgVenture/Scherr	GL4342ABW	3000GT	P5	92	186.5	12.9	10	29.0	1,399	28
Wensman	W 8120VT2RIB	VT2P-R	AC,P5V	92	185.8	12.1	7	30.0	1,394	29
Wensman	W 8195VT2RIB	VT2P-R	AC,P5V	95	185.6	13.3	3	29.5	1,392	30
Proseed	1295SS	STX	AC,P2	95	185.4	12.9	12	27.6	1,391	31
Channel	190-95VT3P CK	VT3P	AC,P5V	90	190.8	11.9	4	30.5	1,431	23
Test Average =					189.8	12.5	12	29.7	1,424	
LSD (0.10) =					22.3	0.7	17			
C.V. =					8.6	3.8				


 F.I.R.S.T. Manager

TEST COMMENTS: *In the plot, lodged stalks laid flat on the ground, consequently they didn't feed well into the corn head while harvesting. The corn stalks that lodged also had weak ear shanks so we lost some corn on the ground before and during harvest. The drought stress this year showed up in the stalks at harvest and caused some variable yield results.*
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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 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

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