

2014 Soybean Top 30 Harvest Report

Red River Valley South [RRSO] COLFAX
Jay Myers, Richland County, ND 58018



Test by: Elite Field Genetics, LLC, Fargo, ND

PREV. CROP/HERB: Corn / SureStart, glyphosate
SOIL DESCRIPTION: Mantador-Delamere-Wyndmere loamy sand, well drained, non-irrigated
SOIL CONDITIONS: Moderate P, high K, 7.6 pH, 3.5 % OM
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Flexstar, glyphosate
SEEDED - RATE - ROW: Jun 4 160,000 /A 30" Spacing
HARVESTED - STAND: Oct 14 144,500 /A

All-Season Test

0.5 - 1.2 Day RM
S2014RRSO01

Top 30 of 72

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Dyna-Gro	S12RY44	RR2Y	1.20	R	CMBV	39.2	12.9	0	152.2	\$353
NK Brand	S12-H2 §	RR2Y	1.20	R	CCB	38.8	12.5	0	133.5	\$349
Asgrow	AG1234 §	RR2Y	1.20	R	ACi	38.8	12.6	0	141.5	\$349
Wensman	W 3080NR2	RR2Y	0.80	R	AC,PV	38.7	12.8	0	146.9	\$348
Wensman	W 3121NR2	RR2Y	1.20	R	AC,PV	38.0	12.8	0	144.2	\$342
Latham	L1258R2	RR2Y	1.20	R	CCB	37.1	13.1	0	141.5	\$334
Federal	F115NRR2Y	RR2Y	1.10	R	CCB	37.0	13.2	0	146.9	\$333
REA	71G14	RR2Y	1.10	R	ACi	36.5	13.2	0	146.9	\$329
Thunder	3511R2YN	RR2Y	1.10	R	CMB	36.5	13.2	0	149.5	\$329
Channel	1108R2	RR2Y	1.10	R	ACi	36.2	14.0	0	144.2	\$326
REA	R1215	RR2Y	1.20	R	ACi	36.0	14.2	0	146.9	\$324
Pioneer	P10T91R §	RR	1.00	R	EE,G	35.6	12.4	0	144.2	\$320
Titan Pro	TP-11R33	RR2Y	1.10	R	CCB	35.6	12.8	0	149.5	\$320
Dyna-Gro	S09RY64	RR2Y	0.90	R	CMBV	35.3	12.8	0	144.2	\$318
Gold Country	1114	RR2Y	1.10	R	ACi	34.3	13.4	0	144.2	\$309
Hefty	H11R5	RR2Y	1.10	MR	DST	33.6	13.3	0	146.9	\$302
Asgrow	AG0934 §	RR2Y	0.90	R	ACi	33.5	12.6	0	149.5	\$302
Renk	RS084NR2	RR2Y	0.80	R	CMB	33.2	13.0	0	144.2	\$299
Latham	L0982R2	RR2Y	0.90	MR	SS+	33.2	13.0	0	144.2	\$299
Federal	F084NRR2Y	RR2Y	0.80	R	CMB	32.6	12.8	0	138.9	\$293
REA	R0815	RR2Y	0.80	R	ACi	32.4	12.9	0	141.5	\$292
Wensman	W 3062NR2	RR2Y	0.60	MR	AC,PV	31.8	12.8	0	149.5	\$286
Proseed	P2 30-11	RR2Y	1.10	S	CMB	31.6	12.4	0	146.9	\$284
Gold Country	943	RR2Y	0.90	MR	ACi	30.9	12.7	0	144.2	\$278
Thunder	3506R2YN	RR2Y	0.60	R	CMB	30.4	12.3	0	144.2	\$274
Latham	L0838R2	RR2Y	0.80	R	CCB	30.2	12.6	0	146.9	\$272
Wensman	W 3102NR2	RR2Y	1.00	R	AC,PV	29.7	12.7	0	146.9	\$267
Latham	L1084R2	RR2Y	1.00	R	SS+	29.6	12.1	0	120.2	\$266
Thunder	3406R2YN	RR2Y	0.60	R	CMB	29.5	12.0	0	144.2	\$266
Prairie Brand	PB-0598R2	RR2Y	0.50	R	CMBV	29.4	13.0	0	149.5	\$265

Kevin Coey
kevincoey@firstseedtests.com, 701-630-8349

Test Average = **28.1** **12.7** **0** **144.5** **\$253**
LSD (0.10) = 7.1 0.8 ns
LSD (0.25) = 4.9 0.5 ns
C.V. = 18.6 4.4

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.000 Price = \$9.00 GMO / \$9.00 Non-GMO

TEST COMMENTS: *The Colfax test was planted late, emerged nicely, then suffered from a prolonged cold wet period most of June. The test was located on a sandy soil that was recently tilled. Plant height varied within and across varieties. Jay mentioned that a small area of soybeans on soybean in the surrounding field yielded very poorly and plant health factored prominently in test results.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report date: 10/15/2014 Revised:

2014 Soybean - Red River Valley South [RRSO]



All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG0832 §	RR2Y	0.80	S	ACi	Proseed	P2 30-80	RR2Y	0.80	R	CMB
Asgrow	AG0934 §	RR2Y	0.90	R	ACi	REA	65G22	RR2Y	0.50	S	ACi
Asgrow	AG1234 §	RR2Y	1.20	R	ACi	REA	66G14	RR2Y	0.60	R	ACi
Channel	1108R2	RR2Y	1.10	R	ACi	REA	69G13	RR2Y	0.90	S	ACi
Dairyland	DSR-0514/R2Y	RR2Y	0.50	R	CMB	REA	69G14	RR2Y	0.90	MR	ACi
Dairyland	DSR-0711/R2Y	RR2Y	0.70	R	CMB	REA	71G14	RR2Y	1.10	R	ACi
Dairyland	DSR-0904/R2Y	RR2Y	0.90	MR	CMB	REA	71G20	RR2Y	1.10	S	ACi
Dairyland	DSR-1120/R2Y	RR2Y	1.10	S	CMB	REA	R0815	RR2Y	0.80	R	ACi
Dyna-Gro	S07RY45	RR2Y	0.70	R	CMBV	REA	R1215	RR2Y	1.20	R	ACi
Dyna-Gro	S08RY23	RR2Y	0.80	S	CMBV	Renk	RS055NR2	RR2Y	0.50	R	None
Dyna-Gro	S09RY64	RR2Y	0.90	R	CMBV	Renk	RS084NR2	RR2Y	0.80	R	CMB
Dyna-Gro	S12RY44	RR2Y	1.20	R	CMBV	Stine	08RE30 §	RR2Y	0.80	MR	None
Federal	F084NRR2Y	RR2Y	0.80	R	CMB	Stine	10RD03 §	RR2Y	1.00	MR	None
Federal	F115NRR2Y	RR2Y	1.10	R	CCB	Thunder	3205R2Y	RR2Y	0.50	S	CMB
Gold Country	'1114	RR2Y	1.10	R	ACi	Thunder	3307R2Y	RR2Y	0.70	S	CMB
Gold Country	'814	RR2Y	0.80	MR	ACi	Thunder	3406R2YN	RR2Y	0.60	R	CMB
Gold Country	'943	RR2Y	0.90	MR	ACi	Thunder	3408R2YN	RR2Y	0.80	MR	CMB
Hefty	H05R5	RR2Y	0.50	MR	DST	Thunder	3505R2YN	RR2Y	0.50	R	CMB
Hefty	H06R5	RR2Y	0.60	MR	DST	Thunder	3506R2YN	RR2Y	0.60	R	CMB
Hefty	H09R4	RR2Y	0.90	R	DST	Thunder	3511R2YN	RR2Y	1.10	R	CMB
Hefty	H11R3	RR2Y	1.10	S	DST	Titan Pro	TP-08R53	RR2Y	0.80	R	CCB
Hefty	H11R5	RR2Y	1.10	MR	DST	Titan Pro	TP-11R33	RR2Y	1.10	R	CCB
Hefty	H12R4	RR2Y	1.20	R	DST	Wensman	W 3062NR2	RR2Y	0.60	MR	AC,PV
Latham	E0950R2	RR2Y	0.90	S	CCB	Wensman	W 3080NR2	RR2Y	0.80	R	AC,PV
Latham	E1053R2	RR2Y	1.00	S	CCB	Wensman	W 3090NR2	RR2Y	0.80	MR	AC,PV
Latham	L0648R2	RR2Y	0.60	R	CCB	Wensman	W 3102NR2	RR2Y	1.00	R	AC,PV
Latham	L0758R2	RR2Y	0.70	R	CCB	Wensman	W 3121NR2	RR2Y	1.20	R	AC,PV
Latham	L0838R2	RR2Y	0.80	R	CCB						
Latham	L0982R2	RR2Y	0.90	MR	SS+						
Latham	L1084R2	RR2Y	1.00	R	SS+						
Latham	L1258R2	RR2Y	1.20	R	CCB						
Mustang	08824 §	RR2Y	0.80	R	AC,PV						
NK Brand	S07-B6 §	RR2Y	0.70	S	CCB						
NK Brand	S10-P9 §	RR2Y	1.00	S	CCB						
NK Brand	S12-H2 §	RR2Y	1.20	R	CCB						
NorthStar	NS 1040NR2	RR2Y	0.90	R	CCB						
Pioneer	P05T24R §	RR	0.50	S	EE,G						
Pioneer	P06T28R §	RR	0.60	S	EE,G						
Pioneer	P07T50R §	RR	0.70	S	EE,G						
Pioneer	P10T91R §	RR	1.00	R	EE,G						
Prairie Brand	PB-0598R2	RR2Y	0.50	R	CMBV						
Prairie Brand	PB-0777R2	RR2Y	0.70	R	CMBV						
Prairie Brand	PB-0863R2	RR2Y	0.80	R	CMBV						
Proseed	P2 30-11	RR2Y	1.10	S	CMB						
Proseed	P2 30-12	RR2Y	1.20	R	CMB						

Footnotes and Abbreviation Descriptions

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. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Acceleron® fungicide products	G	Gaucha®
ACi	Acceleron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

* Seed treatments may include unspecified plant health promoting components.