

2014 Soybean Top 30 Harvest Report
 Red River Valley Central [RRCE] KRAGNES
 Curt Brendemuhl, Clay County, MN 56560



PREV. CROP/HERB: Soybean / Flexstar, FirstRate
 SOIL DESCRIPTION: Arveson clay, moderately drained, non-irrigated
 SOIL CONDITIONS: Low P, high K, 6.9 pH, 4 % OM
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Lorsban, Thunder Master
 SEEDED - RATE - ROW: May 26 160,000 /A 30" Spacing
 HARVESTED - STAND: Oct 8 146,000 /A

All-Season Test
0 - 0.7 Day RM
 S2014RRCE07

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
Latham	L0648R2	RR2Y	0.60	R	CCB	43.2	11.3	0	149.5	\$389
Dyna-Gro	S06RY24	RR2Y	0.60	R	CMBV	41.5	11.4	0	149.5	\$374
Dyna-Gro	S07RY45	RR2Y	0.70	R	CMBV	41.4	11.6	0	154.9	\$373
Hefty	H06R5	RR2Y	0.60	MR	DST	39.8	11.4	0	133.5	\$358
Thunder	3205R2Y	RR2Y	0.50	S	CMB	39.7	11.0	0	152.2	\$357
Wensman	W 3062NR2	RR2Y	0.60	MR	AC,PV	39.6	11.3	0	149.5	\$356
Mustang	06942 §	RR2Y	0.60	S	AC,PV	39.5	11.2	0	141.5	\$356
Pioneer	P07T50R §	RR	0.70	S	EE,G	39.4	11.3	0	141.5	\$355
Prairie Brand	PB-0863R2	RR2Y	0.80	R	CMBV	39.3	12.1	0	154.9	\$354
Thunder	3503R2Y	RR2Y	0.30	S	CMB	38.8	11.2	0	141.5	\$349
Prairie Brand	PB-0441R2	RR2Y	0.40	S	CMBV	38.8	11.4	0	146.9	\$349
REA	65G22	RR2Y	0.50	S	ACi	38.6	11.0	0	144.2	\$347
Hefty	H03R5	RR2Y	0.30	S	DST	38.6	11.1	0	149.5	\$347
REA	66G14	RR2Y	0.60	R	ACi	38.6	11.3	0	146.9	\$347
Thunder	3506R2YN	RR2Y	0.60	R	CMB	38.2	11.2	0	136.2	\$344
Proseed	P2 11-50	RR2Y	0.50	S	CMB	38.2	11.3	0	141.5	\$344
Latham	E0450R2	RR2Y	0.40	S	SS+	37.7	10.9	0	157.5	\$339
Renk	RS033R2	RR2Y	0.30	S	None	37.5	11.3	0	157.5	\$338
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.30	S	CMB	37.1	11.2	0	144.2	\$334
Channel	0508R2	RR2Y	0.50	R	ACi	37.1	11.3	0	144.2	\$334
Latham	L0235R2	RR2Y	0.20	S	CCB	37.0	11.1	0	146.9	\$333
Asgrow	AG0333 §	RR2Y	0.30	S	ACi	36.8	11.1	0	149.5	\$331
Wensman	W 3031NR2	RR2Y	0.30	R	AC,PV	36.8	11.2	0	144.2	\$331
Thunder	3307R2Y	RR2Y	0.70	S	CMB	36.7	11.0	0	138.9	\$330
Thunder	3303R2Y	RR2Y	0.30	S	CMB	36.4	11.4	0	141.5	\$328
Dyna-Gro	S04RY55	RR2Y	0.40	R	CMBV	36.3	11.2	0	146.9	\$327
Asgrow	AG0634 §	RR2Y	0.60	R	ACi	36.2	11.1	0	144.2	\$326
Pioneer	P05T24R §	RR	0.50	S	EE,G	36.2	11.4	0	152.2	\$326
Prairie Brand	PB-0777R2	RR2Y	0.70	R	CMBV	36.2	12.0	0	138.9	\$326
Hefty	H04R5	RR2Y	0.40	S	DST	36.1	11.3	0	144.2	\$325

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Test Average =	34.6	11.2	0	146.0	\$311
LSD (0.10) =	4.2	0.3	ns		
LSD (0.25) =	2.9	0.2	ns		
C.V. =	8.9	2.2			

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

TEST COMMENTS: *The test at Kragnes typifies the value of defensive varieties in difficult Red River Valley growing conditions. Planting was delayed due to cold wet spring weather. By mid-season, dry conditions hampered the crop. Mid-August rain brought reasonable yields. The field around the test made 41.7 bu/acre. Curt explained the 7 bu benefit to his use of starter fertilizer, defensive variety and narrow rows*

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

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. VPMmax® 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®, VPMmax® 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	Gaicho®
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.