

## 2015 Soybean Top 30 Harvest Report

Red River Valley Central [ RRCE ] CASSELTON (DAP)  
Steve Fox, Cass County, ND 58012



PREV. CROP/HERB: Corn / Roundup, Status  
SOIL DESCRIPTION: Fargo clay loam, mod. poor drained, non-irrigated  
SOIL CONDITIONS: High P, high K, 5.9 pH, 4.9 % OM, no SCN  
TILLAGE/CULTIVATION: Minimum w/ fall till  
PEST MANAGEMENT: Flexstar, Raptor, Roundup, Select, Tundra  
SEEDED - RATE - ROW: Jun 9 160,000 /A 30" Spacing  
HARVESTED - STAND: Oct 17 138,100 /A

### All-Season Test

**0 - 0.7 Day RM**  
S2015RRCE08

### Top 30 of 60

For Gross Income (Sorted by Yield)  
Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Stine	05RH26 §	RR2Y	0.50	R	Sfi	<b>52.1</b>	9.2	1	144.8	\$417
Latham	L0765R2	RR2Y	0.70	S	SS+	<b>48.7</b>	9.3	1	138.7	\$390
Latham	L0450R2	RR2Y	0.40	S	CMB,CI	<b>47.3</b>	9.1	1	144.8	\$378
Stine	07RF33 §	RR2Y	0.70	S	Sfi	<b>47.1</b>	9.2	1	142.7	\$377
Dyna-Gro	S07RY45	RR2Y	0.70	R	CMBV	<b>47.0</b>	9.1	1	138.7	\$376
NK Brand	S07-B6 §	RR2Y	0.70	S	CCB	46.4	9.2	3	140.7	\$371
Hefty	H06R6	RR2Y	0.60	MR	DST	46.2	9.2	3	136.7	\$370
Proseed	PX 506N	RR2Y	0.60	R	CMB	46.2	9.2	3	138.7	\$370
Latham	L0485R2	RR2Y	0.40	R	CMB,CI	45.6	9.4	1	140.7	\$365
Prairie Brand	PB-0863R2	RR2Y	0.70	MR	CMBV	45.3	8.9	1	142.7	\$362
Hefty	H06Y12	RR2Y	0.60	S	DST	45.0	9.0	3	138.7	\$360
Prairie Brand	PB-0676R2	RR2Y	0.60	R	CMBV	45.0	9.2	3	138.7	\$360
Dairyland	DSR-0619/R2Y	RR2Y	0.60	R	CMB	44.9	9.2	4	130.7	\$359
Mustang	06942	RR2Y	0.60	S	AC,PV	44.9	9.1	5	140.7	\$359
Dyna-Gro	S06RY24	RR2Y	0.60	R	CMBV	44.6	9.4	2	140.7	\$357
Dairyland	DSR-0404/R2Y	RR2Y	0.40	S	CMB	44.3	9.2	1	138.7	\$354
Thunder	3205R2Y	RR2Y	0.50	S	CMB	44.3	8.9	3	138.7	\$354
Latham	L0235R2	RR2Y	0.20	S	CMB,CI	44.1	8.9	3	136.7	\$353
Prairie Brand	PB-0777R2	RR2Y	0.70	R	CMBV	43.9	9.2	1	138.7	\$351
NK Brand	S05-W7 §	RR2Y	0.50	S	CCB	43.4	9.1	1	140.7	\$347
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.30	S	CMB	43.4	9.3	1	136.7	\$347
Hefty	H07Y12	RR2Y	0.70	S	DST	43.3	9.0	2	138.7	\$346
Prairie Brand	PB-0598R2	RR2Y	0.50	R	CMBV	43.0	9.3	2	136.7	\$344
Renk	RS055NR2	RR2Y	0.50	R	CMB	42.8	9.5	1	140.7	\$342
Channel	0508R2	RR2Y	0.50	R	ACi	42.8	9.0	2	138.7	\$342
Renk	RS033R2	RR2Y	0.30	S	CMB	42.7	9.3	1	142.7	\$342
Stine	03RF30 §	RR2Y	0.30	S	Sfi	42.7	9.0	1	140.7	\$342
Proseed	P2 20-30	RR2Y	0.30	S	CMB	42.6	9.3	1	140.7	\$341
REA	61G24	RR2Y	0.10	S	ACi	42.5	9.1	1	142.7	\$340
Asgrow	AG0536 §	RR2Y	0.50	R	ACi	42.5	9.3	3	138.7	\$340

Kevin Coey

kevincoey@firstseedtests.com, 701-630-8349

Averages =	<b>41.5</b>	<b>9.1</b>	<b>2</b>	<b>138.1</b>	<b>\$332</b>
LSD (0.10) =	5.5	0.2	2		
LSD (0.25) =	3.9	0.1	1		
C.V. =	11.4	1.9			

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 2.0 Drying = \$0.000 Prices = \$8.00 GMO; \$8.00 non-GMO

**TEST COMMENTS:** *The Casselton tests were planted after the heavy rains had finished and plants developed quickly. By late July, the test was standing tall but was pushed down by strong winds. At harvest, plants were still leaning on each other within the row. These tests, with and without DAP fertilizer applied at planting, may interest readers looking for varieties responsive to increased levels of available N and P.*

† 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: 10/21/2015 Revised:

**2015 Soybean - Red River Valley Central [ RRCE ]**

**All-Season Test Products (60 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG0134 §	RR2Y	0.10	S	ACi	Proseed	P2 40-30N	RR2Y	0.30	R	CMB
Asgrow	AG0333 §	RR2Y	0.30	S	ACi	Proseed	PX 506N	RR2Y	0.60	R	CMB
Asgrow	AG0536 §	RR2Y	0.50	R	ACi	REA	61G24	RR2Y	0.10	S	ACi
Channel	0205R2	RR2Y	0.20	S	ACi	REA	64G94	RR2Y	0.40	R	ACi
Channel	0209R2	RR2Y	0.20	S	ACi	REA	66G14	RR2Y	0.60	R	ACi
Channel	0507R2	RR2Y	0.50	MR	ACi	REA	R0216	RR2Y	0.20	S	ACi
Channel	0508R2	RR2Y	0.50	R	ACi	Renk	RS033R2	RR2Y	0.30	S	CMB
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.30	S	CMB	Renk	RS055NR2	RR2Y	0.50	R	CMB
Dairyland	DSR-0404/R2Y	RR2Y	0.40	S	CMB	Renk	RS066R2	RR2Y	0.50	S	None
Dairyland	DSR-0619/R2Y	RR2Y	0.60	R	CMB	Stine	03RF30 §	RR2Y	0.30	S	Sfi
Dairyland	DSR-0711/R2Y	RR2Y	0.70	R	CMB	Stine	05RH26 §	RR2Y	0.50	R	Sfi
Dyna-Gro	S009RY56	RR2Y	0.09	R	CMBV	Stine	07RF33 §	RR2Y	0.70	S	Sfi
Dyna-Gro	S01RY86	RR2Y	0.10	S	CMBV	Thunder	3205R2Y	RR2Y	0.50	S	CMB
Dyna-Gro	S03RY36	RR2Y	0.30	S	CMBV	Thunder	3505R2YN	RR2Y	0.50	R	CMB
Dyna-Gro	S04RY55	RR2Y	0.40	R	CMBV	Thunder	Astro	RR2Y	0.08	S	CMB
Dyna-Gro	S06RY24	RR2Y	0.60	R	CMBV						
Dyna-Gro	S07RY45	RR2Y	0.70	R	CMBV						
Hefty	H00R6	RR2Y	0.10	MR	DST						
Hefty	H01R4	RR2Y	0.10	S	None						
Hefty	H02R3	RR2Y	0.20	S	DST						
Hefty	H06R6	RR2Y	0.60	MR	DST						
Hefty	H06Y12	RR2Y	0.60	S	DST						
Hefty	H07Y12	RR2Y	0.70	S	DST						
Latham	L0143R2	RR2Y	0.10	S	CMB,Ci						
Latham	L0152R2	RR2Y	0.10	S	CMB,Ci						
Latham	L0235R2	RR2Y	0.20	S	CMB,Ci						
Latham	L0256R2	RR2Y	0.20	S	CMB,Ci						
Latham	L0450R2	RR2Y	0.40	S	CMB,Ci						
Latham	L0485R2	RR2Y	0.40	R	CMB,Ci						
Latham	L0685R2	RR2Y	0.60	R	CMB,Ci						
Latham	L0765R2	RR2Y	0.70	S	SS+						
Mustang	02356	RR2Y	0.20	S	AC,PV						
Mustang	06942	RR2Y	0.60	S	AC,PV						
NK Brand	S04-D3 §	RR2Y	0.40	S	CCB						
NK Brand	S05-W7 §	RR2Y	0.50	S	CCB						
NK Brand	S07-B6 §	RR2Y	0.70	S	CCB						
Pioneer	P05T24R §	RR	0.50	S	EE,C,Ci						
Prairie Brand	PB-0441R2	RR2Y	0.40	S	CMBV						
Prairie Brand	PB-0598R2	RR2Y	0.50	R	CMBV						
Prairie Brand	PB-0676R2	RR2Y	0.60	R	CMBV						
Prairie Brand	PB-0777R2	RR2Y	0.70	R	CMBV						
Prairie Brand	PB-0863R2	RR2Y	0.70	MR	CMBV						
Prairie Brand	PB-X14033R2	RR2Y	0.30	S	CMBV						
Proseed	P2 11-50	RR2Y	0.50	S	CMB						
Proseed	P2 20-30	RR2Y	0.30	S	CMB						

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. 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® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer.
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
?	info unavailable

### Soybean Seed Treatments\*

?	Information not provided	En	Encase®
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	Gr	Great Start™ Max
AV	Avicta®	IL	ILeVO®
AVB	Avicta® Complete Beans	IS	Intego™ Suite
C	Cruiser®	None	untreated
CC	Curry® Coat	PS	MAS ProShield™ QV
CCB	Clariva™ Complete Beans	PV	Poncho®/Votivo®
CI	Clariva™ pn	Ri	Rizolex™
CMB	CruiserMaxx® Beans	Sfi	Stine fungicide & insecticide products
CMBV	CruiserMaxx® Beans with Vibrance	SS+	Soyshield Plus™
DPHB	DPH Boost®	T	Trilex®
DST	Dominance™ ST	TE	Trius Elite
Ec	Eclipse™ IM	TT	Turbo Treat™
EE	Evergol™ Energy	WCX	Warden® CX

\* Seed treatments may include unspecified plant health promoting components.