### 2016 Soybean Top 30 Harvest Report

Red River Valley Central [ RRCE ] MOORHEAD Curtis Brendemuhl, Clay County, MN 56560



PREV. CROP/HERB: Corn / glyphosate

SOIL DESCRIPTION: Fargo silty clay loam, poor drained, non-irrigated SOIL CONDITIONS: Mod. Low P, mod. high K, 6.9 pH, 4.6 % OM

TILLAGE/CULTIVATION: Conventional w/ fall

PEST MANAGEMENT: Authority, Sencor, Dual II Magnum, glyphosate, Flexstar

 SEEDED - RATE - ROW:
 May 15
 160,000 /A
 30" Spacing

 HARVESTED - STAND:
 Oct 1
 136,400 /A

All-Season Test Maturity Group 0.00 - 0.7

S2016RRCE05

Top 30 of 48

For Gross Income (Sorted by Yield)

Average of (4) Replications

TIMINATED STATES	0001 100,	100 77 (							,	
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	Trt.†	◆ Bu/A ◆	%	%	(x 1000)	Income
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB	58.4	12.8	8	138.2	\$529
Prairie Brand	PB-0863R2	RR2Y	8.0	MR	CCB,In	58.0	13.4	7	138.2	\$524
Latham	L0765R2	RR2Y	0.7	S	SS+	56.6	12.5	2	136.2	\$512
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CCB,In	53.3	12.8	4	136.2	\$482
Stine	03RD66 §	RR2Y	0.3	S	SFI	52.5	12.1	2	138.2	\$475
Hefty	H06X7	RRX	0.6	MR	DST	50.6	12.0	3	136.2	\$458
Prairie Brand	PB-0441R2	RR2Y	0.4	S	CCB,In	50.3	12.2	3	136.2	\$455
Latham	L0685R2	RR2Y	0.6	R	SS+	49.8	12.1	6	138.2	\$451
Latham	L0785R2X	RRX	0.7	R	CCB,Me	49.5	12.3	5	136.2	\$448
Dairyland	DSR-0619/R2Y	RR2Y	0.6	R	CMB	49.3	12.4	5	134.2	\$446
Thunder	3606R2YN	RR2Y	0.6	R	CMB	49.1	12.2	4	136.2	\$444
Mustang	07X727	RRX	0.7	R	ACi	48.8	12.3	4	134.2	\$442
Stine	05RH26 §	RR2Y	0.5	R	SFI	48.6	11.9	7	136.2	\$440
Thunder	3505R2YN	RR2Y	0.5	R	CMB	48.0	12.7	5	134.2	\$434
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB	47.5	12.0	2	136.2	\$430
Hefty	H05X7	RRX	0.5	S	DST	47.3	12.3	5	136.2	\$428
Latham	E0485R2	RR2Y	0.4	R	SS+	47.2	12.5	3	138.2	\$427
Dyna-Gro	S03RY36	RR2Y	0.3	S	CMB	47.0	11.9	3	136.2	\$425
Hefty	H02X7	RRX	0.2	S	ACi	47.0	12.0	3	136.2	\$425
Prairie Brand	PB-0397R2	RR2Y	0.3	S	CCB,In	46.2	12.2	4	138.2	\$418
Pioneer	90Y80 §	RR	8.0	S	EE,G,IL	46.1	12.3	2	136.2	\$417
Hefty	H05X8	RRX	0.5	MR	DST	46.0	12.3	1	132.2	\$416
Mustang	04X427	RRX	0.4	R	ACi	46.0	12.0	5	136.2	\$416
Latham	L0235R2	RR2Y	0.2	S	SS+	45.9	11.8	2	138.2	\$415
Prairie Brand	PB-0676R2	RR2Y	0.6	R	CCB,In	45.9	12.3	2	136.2	\$415
Dyna-Gro	S06RY47	RR2Y	0.6	R	CMB	45.9	12.3	4	136.2	\$415
Asgrow	AG0536 §	RR2Y	0.5	R	ACi	45.5	12.2	2	136.2	\$412
Proseed	XT605	RRX	0.5	R	CMBV	45.4	12.2	1	132.2	\$411
Latham	L0324R2	RR2Y	0.3	S	SS+	45.4	12.2	3	138.2	\$411
REA	64G94	RR2Y	0.4	R	ACi	45.2	12.2	2	136.2	\$409
Mann Co	2				Averages =		12.2	3	136.4	\$410
, para co					SD(0.10) =		0.4	3		
Kevin Coey	LS	SD(0.25) =		0.3	2					
kevincoey@firstsee	dtests.com, (701) 630-8	C.V. =	9.4	Prev. y	years avg.	yield, 36.5	bu/a, 2 yr:			

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.020 Prices = \$9.05 GMO; \$9.05 non-GMO

**TEST COMMENTS:** The growing season for this location started out very dry, but shortly after planting it received timely rains until July. The month of July was the wettest, receiving seven inches of rain in a two week period. The plot location had a good slope, and was not affected by excessive moisture. Yield in the surrounding area was variable from 40 to 60 bushels per acre.

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

Additional reports available at www.firstseedtests.com

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Report Date: 10/02/2016 Revised:



# 2016 Soybean - Red River Valley Central [ RRCE ]

## **All-Season Test Products (48 Total)**

C	D - 1 - 1/D - 1	T	N4 :	CCt	C ! T :	- (B. 1	Darker (D)	T. 1 1	11-1
Company/Brand	Product/Brand	Technol.		SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	Thunder	3601R2Y	RR2Y	0.1
Asgrow	AG0434 §	RR2Y	0.4	S	ACi	Thunder	3606R2YN	RR2Y	0.6
Asgrow	AG0536 §	RR2Y	0.5	R	ACi	Wensman	W3030R2 §	RR2Y	0.2
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB				
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB				
Dairyland	DSR-0619/R2Y	RR2Y	0.6	R	CMB				
Dyna-Gro	S03RY36	RR2Y	0.3	S	CMB				
Dyna-Gro	S06RY47	RR2Y	0.6	R	CMB				
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB				
Hefty	H02X7	RRX	0.2	S	ACi				
Hefty	H03X7	RRX	0.3	MR	DST				
Hefty	H05X7	RRX	0.5	S	DST				
Hefty	H05X8	RRX	0.5	MR	DST				
Hefty	H06X7	RRX	0.6	MR	DST				
Latham	E0263R2X	RRX	0.2	S	SS+	] [			
Latham	E0358R2X	RRX	0.3	R	SS+				
Latham	E0485R2	RR2Y	0.4	R	SS+				
Latham	L0235R2	RR2Y	0.2	S	SS+				
Latham	L0324R2	RR2Y	0.3	S	SS+				
Latham	L0685R2	RR2Y	0.6	R	SS+				
Latham	L0765R2	RR2Y	0.7	S	SS+				
Latham	L0785R2X	RRX	0.7	R	CCB,Me				
Mustang	02356	RR2Y	0.2	S	NCFI				
Mustang	04X427	RRX	0.4	R	ACi				
Mustang	07X727	RRX	0.7	R	ACi				
NK Brand	S05-W7 §	RR2Y	0.5	S	CCB,Me				
NK Brand	S06-Q9 §	RR2Y	0.6	R	CCB,Me				
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me				
NorthStar	NS 0111R2 §	RR2Y	0.1	S	CMBV				
Pioneer	90Y80 §	RR	0.8	S	EE,G,IL				
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G				
Pioneer	P06T28R §	RR	0.6	S	EE,G,IL				
Prairie Brand	PB-0397R2	RR2Y	0.3	S	CCB,In	1 1			
Prairie Brand	PB-0441R2	RR2Y	0.4	S	CCB,In	1			
Prairie Brand	PB-0676R2	RR2Y	0.6	R	CCB,In				
Prairie Brand	PB-0777R2	RR2Y	0.7		CCB,In	1 1			
Prairie Brand	PB-0863R2	RR2Y	0.8		CCB,In	1			
Proseed	XT603	RRX	0.3	S	CMBV				
Proseed	XT605	RRX	0.5	R	CMBV	1 1			
REA	64G94	RR2Y	0.4	R	ACi	1			
REA	R0216	RR2Y	0.4	S	ACi				
Stine	03RD66 §	RR2Y	0.2	S	SFI	1 1			
Stine	05RH26 §	RR2Y	0.5	R	SFI	1			
Thunder	3503R2Y	RR2Y	0.3	S	CMB	1 1			
	3505R2YN	RR2Y	0.5	R	CMB				
Thunder	JJUJINZ I IN	ININZ I	0.0	г	CIVID	1 1			



### **Footnotes and Abbreviation Descriptions**

#### **Brand Footnotes**

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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
Р	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

#### Soybean Cyst Nematode (SCN) Resistance Rating

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

# Soybean Seed Treatments\*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
Cl	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

 $<sup>\</sup>ensuremath{^{*}}$  Seed treatments may include unspecified plant health promoting components.