

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB	58.4	12.8	8	138.2	\$529
Prairie Brand	PB-0863R2	RR2Y	0.8	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	0.8	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

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Averages =	45.3	12.2	3	136.4	\$410
LSD (0.10) =	5.0	0.4	3		
LSD (0.25) =	3.5	0.3	2		
C.V. =	9.4			Prev. years avg. yield, 36.5 bu/a, 2 yrs	

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.

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Report Date: 10/02/2016 Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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
P	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
CI	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		

* Seed treatments may include unspecified plant health promoting components.