

2016 Soybean Top 30 Harvest Report
 Red River Valley Central [RRCE] CASSELTON
 Steve Fox, Cass County, ND 58012



PREV. CROP/HERB: Corn / Roundup, atrazine
 SOIL DESCRIPTION: Hegne-Fargo silty clay loam, poor drained, non-irrigated
 SOIL CONDITIONS: Moderate P, mod. high K, 6.4 pH, 4.9 % OM
 TILLAGE/CULTIVATION: Minimum w/o fall
 PEST MANAGEMENT: glyphosate, Select
 SEEDED - RATE - ROW: May 21 160,000 /A 30" Spacing
 HARVESTED - STAND: Oct 2 132,400 /A

All-Season Test
Maturity Group 0.00 - 0.7
 S2016RRCE08

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	48.6	11.8	6	136.2	\$440
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CCB,In	46.3	11.7	4	132.2	\$419
Latham	L0765R2	RR2Y	0.7	S	SS+	45.2	11.6	4	130.2	\$409
Proseed	XT603	RRX	0.3	S	CMBV	44.5	11.4	3	138.2	\$403
Latham	E0485R2	RR2Y	0.4	R	SS+	44.0	11.9	4	132.2	\$398
Thunder	3503R2Y	RR2Y	0.3	S	CMB	44.0	11.3	6	130.2	\$398
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me	43.8	11.8	10	130.2	\$396
Prairie Brand	PB-0863R2	RR2Y	0.8	MR	CCB,In	43.7	11.4	5	134.2	\$395
Pioneer	90Y80 §	RR	0.8	S	EE,G,IL	43.3	11.6	2	130.2	\$392
Hefty	H05X7	RRX	0.5	S	DST	43.2	11.6	5	132.2	\$391
Dyna-Gro	S03RY36	RR2Y	0.3	S	CMB	42.7	11.3	3	132.2	\$386
Hefty	H02X7	RRX	0.2	S	ACi	42.6	11.3	3	136.2	\$386
Thunder	3606R2YN	RR2Y	0.6	R	CMB	42.6	11.8	8	130.2	\$386
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB	42.2	11.9	4	132.2	\$382
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	42.2	11.5	9	138.2	\$382
REA	64G94	RR2Y	0.4	R	ACi	42.1	11.7	8	132.2	\$381
Prairie Brand	PB-0676R2	RR2Y	0.6	R	CCB,In	41.7	11.8	6	132.2	\$377
Stine	03RD66 §	RR2Y	0.3	S	SFI	41.2	11.9	3	136.2	\$373
Asgrow	AG0434 §	RR2Y	0.4	S	ACi	41.2	11.3	11	136.2	\$373
Latham	L0685R2	RR2Y	0.6	R	SS+	41.1	11.8	7	134.2	\$372
Stine	05RH26 §	RR2Y	0.5	R	SFI	40.9	11.8	3	134.2	\$370
Dairyland	DSR-0619/R2Y	RR2Y	0.6	R	CMB	40.8	11.7	3	130.2	\$369
Prairie Brand	PB-0441R2	RR2Y	0.4	S	CCB,In	40.7	11.7	4	136.2	\$368
Hefty	H06X7	RRX	0.6	MR	DST	40.3	11.5	5	136.2	\$365
Latham	L0235R2	RR2Y	0.2	S	SS+	40.1	11.3	5	130.2	\$363
Latham	E0263R2X	RRX	0.2	S	SS+	39.8	11.2	5	140.2	\$360
Latham	L0785R2X	RRX	0.7	R	CCB,Me	39.8	11.5	7	134.2	\$360
Asgrow	AG0536 §	RR2Y	0.5	R	ACi	39.6	11.8	3	130.2	\$358
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G	39.4	11.1	8	130.2	\$357
Latham	E0358R2X	RRX	0.3	R	SS+	39.3	11.7	5	128.2	\$356

Kevin Coey
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Averages =	40.2	11.6	6	132.4	\$364
LSD (0.10) =	3.3	0.2	3		
LSD (0.25) =	2.3	0.1	2		
C.V. =	7.0			Prev. years avg. yield, 45.0 bu/a, 4 yrs	

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

TEST COMMENTS: *We planted into ideal soil conditions and obtained a good uniform stand. The early growing season was a bit dry, but received adequate rainfall during the month of August. Overall, this was one of the better test sites harvested so far. No impact from iron chlorosis or any disease was observed. Minimal lodging was noted throughout whole test site.*

† 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: 10/03/2016 Revised:

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All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	Thunder	3601R2Y	RR2Y	0.1	S	CMB
Asgrow	AG0434 §	RR2Y	0.4	S	ACi	Thunder	3606R2YN	RR2Y	0.6	R	CMB
Asgrow	AG0536 §	RR2Y	0.5	R	ACi	Wensman	W3030R2 §	RR2Y	0.2	S	None
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						
Prairie Brand	PB-0441R2	RR2Y	0.4	S	CCB,In						
Prairie Brand	PB-0676R2	RR2Y	0.6	R	CCB,In						
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CCB,In						
Prairie Brand	PB-0863R2	RR2Y	0.8	MR	CCB,In						
Proseed	XT603	RRX	0.3	S	CMBV						
Proseed	XT605	RRX	0.5	R	CMBV						
REA	64G94	RR2Y	0.4	R	ACi						
REA	R0216	RR2Y	0.2	S	ACi						
Stine	03RD66 §	RR2Y	0.3	S	SFI						
Stine	05RH26 §	RR2Y	0.5	R	SFI						
Thunder	3503R2Y	RR2Y	0.3	S	CMB						
Thunder	3505R2YN	RR2Y	0.5	R	CMB						

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. 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
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.