

2016 Soybean Top 30 Harvest Report
 Red River Valley North [RRNO] HUMBOLT
 Dave Hemmes, Kittson County, MN 56731



PREV. CROP/HERB: Wheat / WideMatch, Affinity TankMix
 SOIL DESCRIPTION: Hegne-Fargo silty clay, poor drained, non-irrigated
 SOIL CONDITIONS: Mod. Low P, moderate K, 7.8 pH, 4.2 % OM
 TILLAGE/CULTIVATION: Minimum w/o fall
 PEST MANAGEMENT: Roundup PowerMax
 SEEDED - RATE - ROW: May 19 160,000 /A 30" Spacing
 HARVESTED - STAND: Oct 18 132,800 /A

All-Season Test
Maturity Group 0.05 - 0.2
 S2016RRNO18

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
NorthStar	NS 0090R2 §	RR2Y	0.09	S	CMBV	57.1	15.1	2	136.2	\$514
Hefty	H02X7	RRX	0.2	S	ACi	56.6	15.5	6	134.2	\$509
Hefty	H009X7	RRX	0.09	S	ACi	56.1	15.7	3	128.2	\$505
Thunder	3601R2Y	RR2Y	0.1	S	CMB	56.1	15.2	5	128.2	\$505
Latham	L0324R2 §	RR2Y	0.3	S	SS+	55.8	15.5	4	132.2	\$502
Latham	L0152R2	RR2Y	0.1	S	SS+	55.5	15.7	8	130.2	\$499
Prairie Brand	PB-0146R2	RR2Y	0.1	S	CCB,In	54.9	15.7	5	134.2	\$494
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB	54.8	15.1	1	136.2	\$494
Latham	E0263R2X	RRX	0.2	S	SS+	54.6	15.2	1	132.2	\$492
Wensman	W30099R2 §	RR2Y	0.09	S	None	54.5	15.7	3	130.2	\$490
REA	R0216	RR2Y	0.2	S	ACi	54.5	15.6	11	136.2	\$490
Dairyland	DSR-C918/R2Y	RR2Y	0.09	S	CMB	54.4	15.1	1	136.2	\$490
Proseed	XT6009 §	RRX	0.09	S	ACi	54.4	15.2	3	128.2	\$490
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G	54.3	15.1	1	134.2	\$489
Latham	L0235R2	RR2Y	0.2	S	SS+	54.2	15.4	3	132.2	\$488
Mustang	00X977	RRX	0.09	S	ACi	54.1	15.5	4	136.2	\$487
Hefty	H03X7 §	RRX	0.3	MR	DST	54.0	15.5	7	132.2	\$486
Thunder	3503R2Y §	RR2Y	0.3	S	CMB	53.9	14.9	3	134.2	\$486
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	53.9	15.2	9	130.2	\$485
Latham	E0145R2X	RRX	0.1	S	SS+	53.5	15.2	5	128.2	\$482
Pioneer	P02T54R §	RR	0.2	S	EE,G	53.3	15.5	1	136.2	\$480
Dyna-Gro	S03RY36 §	RR2Y	0.3	S	CMB	53.3	15.5	2	134.2	\$480
NK Brand	S02-B4 §	RR2Y	0.2	S	CCB,Me	53.0	15.6	2	134.2	\$477
Mustang	00726	RR2Y	0.07	R	NCFI	52.8	15.5	1	134.2	\$475
Wensman	W3031NR2 §	RR2Y	0.3	R	None	52.8	15.8	3	136.2	\$475
Mustang	02356	RR2Y	0.2	S	NCFI	52.5	15.2	5	132.2	\$473
REA	R00727	RR2Y	0.07	S	ACi	52.4	15.7	2	130.2	\$471
NK Brand	S02-R2 §	RR2Y	0.2	S	CCB,Me	52.3	15.2	1	128.2	\$471
Proseed	50-10 §	RR2Y	0.1	S	CMBV	52.2	15.3	5	132.2	\$470
Dairyland	DSR-C905/R2Y §	RR2Y	0.1	S	None	50.8	15.4	2	132.2	\$457

Kevin Coey
 kevincoey@firstseedtests.com, (701) 630-8349

Averages =	51.3	15.4	3	132.8	\$462
LSD (0.10) =	5.0	0.5	3		
LSD (0.25) =	3.5	0.3	2		
C.V. =	8.3				New test site, no yield history

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

TEST COMMENTS: *The northern Red River Valley received abundant rainfall throughout the growing season. This plot was on a well drained part of the field situated on the high ground between two field drainage ditches. Our cooperater, Dave Hemmes, felt the plot was placed on the best spot in the field. He reports area soybean fields average 40 bpa, with high yield areas in the low 60s.*

† 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

©2016, all rights reserved by Agronomic Seed Consulting, Inc.

Report Date: 10/20/2016 Revised:

2016 Soybean - Red River Valley North [RRNO]

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	AG00937 §	RR2Y	0.09	S	ACi	Wensman	W30099R2 §	RR2Y	0.09	S	None
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	Wensman	W3018 §	RR2Y	0.1	R	None
Asgrow	AG0231 §	RR2Y	0.2	S	ACi	Wensman	W3031NR2 §	RR2Y	0.3	R	None
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB						
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB						
Dairyland	DSR-C905/R2Y §	RR2Y	0.1	S	None						
Dairyland	DSR-C918/R2Y	RR2Y	0.09	S	CMB						
Dyna-Gro	S03RY36 §	RR2Y	0.3	S	CMB						
Hefty	H007X7	RRX	0.07	MR	DST						
Hefty	H009X7	RRX	0.09	S	ACi						
Hefty	H02X7	RRX	0.2	S	ACi						
Hefty	H03X7 §	RRX	0.3	MR	DST						
Latham	E0145R2X	RRX	0.1	S	SS+						
Latham	E0263R2X	RRX	0.2	S	SS+						
Latham	L00782R2	RR2Y	0.07	R	SS+						
Latham	L0152R2	RR2Y	0.1	S	SS+						
Latham	L0235R2	RR2Y	0.2	S	SS+						
Latham	L0324R2 §	RR2Y	0.3	S	SS+						
Legend	LS007R653 §	RR2Y	0.07	S	None						
Legend	LS008R660N §	RR2Y	0.08	R	None						
Mustang	00726	RR2Y	0.07	R	NCFI						
Mustang	00X977	RRX	0.09	S	ACi						
Mustang	02356	RR2Y	0.2	S	NCFI						
NK Brand	S007-Y4	RR2Y	0.05	S	CCB,Me						
NK Brand	S02-B4 §	RR2Y	0.2	S	CCB,Me						
NK Brand	S02-R2 §	RR2Y	0.2	S	CCB,Me						
NorthStar	NS 0081NR2 §	RR2Y	0.08	R	CMBV						
NorthStar	NS 0090R2 §	RR2Y	0.09	S	CMBV						
NorthStar	NS 0096R2 §	RR2Y	0.09	S	CMBV						
Pioneer	P008T22R2 §	RR2Y	0.08	S	EE,G,IL						
Pioneer	P02T54R §	RR	0.2	S	EE,G						
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G						
Prairie Brand	PB-00727R2	RR2Y	0.07	R	CCB,In						
Prairie Brand	PB-00856R2	RR2Y	0.08	R	CCB,In						
Prairie Brand	PB-0146R2	RR2Y	0.1	S	CCB,In						
Proseed	30-07 §	RR2Y	0.07	R	CMBV						
Proseed	40-07 §	RR2Y	0.07	R	CMBV						
Proseed	50-10 §	RR2Y	0.1	S	CMBV						
Proseed	XT6009 §	RRX	0.09	S	ACi						
REA	R00727	RR2Y	0.07	S	ACi						
REA	R0216	RR2Y	0.2	S	ACi						
Thunder	3503R2Y §	RR2Y	0.3	S	CMB						
Thunder	36008R2YN	RR2Y	0.08	R	CMB						
Thunder	3601R2Y	RR2Y	0.1	S	CMB						
Thunder	Astro	RR2Y	0.08	S	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.