

2016 Soybean Top 30 Harvest Report

Red River Valley North [RRNO] ARGYLE

Tim Osowski, Marshall County, MN 56713



Test by: Elite Field Genetics, LLC, Fargo, ND

PREV. CROP/HERB: Barley / glyphosate
 SOIL DESCRIPTION: Huot sandy loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Low P, low K, 8.4 pH, 1.8 % OM
 TILLAGE/CULTIVATION: Minimum w/o fall
 PEST MANAGEMENT: Roundup PowerMax
 SEEDED - RATE - ROW: May 18 160,000 /A 30" Spacing
 HARVESTED - STAND: Oct 15 133,300 /A

All-Season Test
Maturity Group 0.05 - 0.2
 S2016RRNO19

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
Latham	L0324R2 §	RR2Y	0.3	S	SS+	54.3	13.9	3	136.2	\$490
REA	R0216	RR2Y	0.2	S	ACi	52.5	14.0	7	138.2	\$474
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB	52.4	14.0	3	134.2	\$473
Mustang	02356	RR2Y	0.2	S	NCFI	51.8	13.8	8	134.2	\$468
Latham	E0145R2X	RRX	0.1	S	SS+	51.7	14.0	5	134.2	\$467
Thunder	3601R2Y	RR2Y	0.1	S	CMB	51.6	13.7	7	134.2	\$466
Latham	L0152R2	RR2Y	0.1	S	SS+	51.3	13.9	8	130.2	\$463
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB	51.3	14.0	8	134.2	\$463
Wensman	W3018 §	RR2Y	0.1	R	None	51.1	13.9	8	134.2	\$462
Dyna-Gro	S03RY36 §	RR2Y	0.3	S	CMB	51.0	13.9	4	134.2	\$461
Wensman	W30099R2 §	RR2Y	0.09	S	None	50.9	13.9	3	130.2	\$460
Proseed	50-10 §	RR2Y	0.1	S	CMBV	50.9	13.8	5	134.2	\$460
Latham	E0263R2X	RRX	0.2	S	SS+	50.7	13.8	2	132.2	\$458
Hefty	H009X7	RRX	0.09	S	ACi	50.4	13.8	8	136.2	\$455
Mustang	00X977	RRX	0.09	S	ACi	50.2	13.7	7	136.2	\$454
Wensman	W3031NR2 §	RR2Y	0.3	R	None	50.1	13.9	1	132.2	\$453
Mustang	00726	RR2Y	0.07	R	NCFI	49.9	13.8	1	136.2	\$451
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	49.8	13.9	9	134.2	\$450
Hefty	H02X7	RRX	0.2	S	ACi	49.3	13.8	3	132.2	\$445
Prairie Brand	PB-0146R2	RR2Y	0.1	S	CCB,In	49.3	14.0	5	134.2	\$445
Proseed	XT6009 §	RRX	0.09	S	ACi	49.3	13.8	7	132.2	\$445
REA	R00727	RR2Y	0.07	S	ACi	49.2	14.1	1	134.2	\$444
Dairyland	DSR-C918/R2Y	RR2Y	0.09	S	CMB	48.7	13.9	2	132.2	\$440
NK Brand	S02-B4 §	RR2Y	0.2	S	CCB,Me	48.7	14.0	2	138.2	\$440
NK Brand	S02-R2 §	RR2Y	0.2	S	CCB,Me	48.4	13.9	4	130.2	\$437
Hefty	H03X7 §	RRX	0.3	MR	DST	48.4	13.7	9	134.2	\$437
NorthStar	NS 0081NR2 §	RR2Y	0.08	R	CMBV	48.3	13.7	3	128.2	\$436
Latham	L0235R2	RR2Y	0.2	S	SS+	48.1	13.7	3	134.2	\$435
NorthStar	NS 0090R2 §	RR2Y	0.09	S	CMBV	48.1	13.8	3	134.2	\$435
Dairyland	DSR-C905/R2Y §	RR2Y	0.1	S	None	48.1	14.1	8	136.2	\$434

Averages = **47.8** **13.9** **4** **133.3** **\$432**

LSD (0.10) = 3.4 0.2 2

LSD (0.25) = 2.4 0.1 2

C.V. = 6.0 New test site, no yield history

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

TEST COMMENTS: *The upper Red River Valley received a high volume of rainfall throughout the growing season. Total rainfall was nearly 24" from April through October here. The test site was well drained, and at times of ponding, water was uniform across the test. Tim Osowski, our farmer for this plot, had a field average of 45 bpa around the test site, with higher yielding spots beside test due to excellent drainage.*

† 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: 10/17/2016 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. 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.