

2017 Soybean Top 30 Harvest Report
 Red River Valley Central [RRCE] MAYVILLE
 Bill Cotton, Traill County, ND 58045



PREV. CROP/HERB: Wheat / Husky, Affinity Broad Spectrum
 SOIL DESCRIPTION: Glyndon silt loam, mod. poor drained, non-irrigated
 SOIL CONDITIONS: Low P, high K, 8.3 pH, 2.3% OM, 19.7 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: glyphosate, Lorsban
 APPLIED N-P-K (units): 11-52-60
 SEEDED - RATE - ROW: May 19 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 17 133,800 /A

All-Season Test
Maturity Group 0.2 - 0.9
 S2017RRCE03

Top 30 of 60
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
REA	RX0628	RRX	0.6	R	52.6	8.7	2	133.5	\$462	1
Latham	L0982R2	RR2Y	0.9	R	52.5	8.6	3	135.8	\$461	2
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	51.7	9.0	3	133.0	\$454	3
Prairie Brand	PB-0777R2	RR2Y	0.7	R	51.4	8.7	4	134.9	\$452	4
Hefty	H09X7	RRX	0.9	R	49.7	8.9	2	136.7	\$437	5
Latham	L0838R2	RR2Y	0.8	R	49.6	8.8	3	132.5	\$436	6
Pioneer	P05A93X §	RRX	0.5	R	49.3	8.5	1	135.8	\$433	7
Stine	09RI62 §	RR2Y	0.9	R	48.8	8.8	3	131.6	\$429	8
Latham	L0739R2X	RRX	0.7	R	48.7	8.6	5	130.7	\$428	9
Thunder	3408R2YN	RR2Y	0.8	R	48.6	8.7	1	129.3	\$427	10
Thunder	SB8807N	RRX	0.7	R	48.5	8.6	8	135.8	\$426	11
Dyna-Gro	S07RY45	RR2Y	0.7	R	48.4	8.8	4	133.0	\$425	12
Asgrow	AG06X8 §	RRX	0.6	R	47.8	8.6	15	129.7	\$420	13
Renk	RS084NR2	RR2Y	0.8	R	47.5	8.7	2	132.1	\$418	14
Peterson Seed	13R03 GC	RR2Y	0.3	S	47.3	8.7	1	134.9	\$416	15
Latham	L0535R2X	RRX	0.5	MR	46.8	8.7	1	133.9	\$411	16
REA	RX0327	RRX	0.3	R	46.8	8.6	2	135.3	\$411	17
Peterson Seed	17X09N GC	RRX	0.9	R	46.0	8.8	1	131.1	\$404	18
Latham	L0938EXGT	BG	0.9	R	45.8	8.7	1	134.4	\$403	19
Golden Harvest	GH0391 §	RR2Y	0.3	MR	45.8	9.0	1	133.9	\$403	20
Mustang	06X628	RRX	0.6	R	45.8	8.6	2	135.3	\$403	21
Asgrow	AG02X8 §	RRX	0.2	S	45.7	8.4	3	136.7	\$402	22
Thunder	3505R2YN	RR2Y	0.5	R	45.5	8.8	1	135.3	\$400	23
Hefty	H08X8	RRX	0.8	R	45.3	8.8	4	132.5	\$398	24
Thunder	SB8805N	RRX	0.5	R	45.1	8.5	2	134.4	\$396	25
Proseed	PX706N	RRX	0.6	R	45.1	8.6	9	132.5	\$396	26
Golden Harvest	GH0674X §	RRX	0.6	S	45.0	8.8	1	135.3	\$396	27
Asgrow	AG03X7 §	RRX	0.3	R	44.8	8.6	2	133.0	\$394	28
Renk	RS058NX	RRX	0.5	R	44.8	8.7	2	131.6	\$394	29
Hefty	H03X7	RRX	0.3	R	44.7	8.6	2	131.6	\$393	30

Averages = **45.2** **8.7** **3** **133.8** **\$397**

LSD (0.10) = 3.3 ns 2.7

LSD (0.25) = 1.7 ns 1.4

Luke Brendemuhl

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C.V. = 6.9

New test site, no yield history

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.79 GMO; \$8.79 non-GMO

TEST COMMENTS: *This test was situated on a high spot for optimal drainage. Bill, our host grower, did an excellent job of eliminating weeds and producing very healthy looking beans. Rainfall was slightly above average in July, but August to mid-September was dry. Upper pods had varying degrees of fill, likely due to these droughty conditions. Certain varieties displayed slightly higher levels of lodging.*

† 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: 10/18/2017 Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	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. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

?	information unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.