

2018 Soybean Top 30 Harvest Report

Red River Valley Central [RRCE] GEORGETOWN

WCD Brendemuhl Farms, Curtis Brendemuhl, Clay County, MN 56560



Test by: Northland F.I.R.S.T., LLC, Moorhead, MN

PREV. CROP/HERB: Corn / Capreno, atrazine
 SOIL DESCRIPTION: Fargo silty clay, poor drained, non-irrigated
 SOIL CONDITIONS: Low P, high K, 6.2 pH, 6.4% OM, 35.6 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Flexstar, Roundup
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 22 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 20 134,200 /A

All-Season Test
Maturity Group 0.2 - 1.0
 S2018RRCE01

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
Latham	L0982R2	RR2Y	0.9	R	57.1	11.4	1	136.3	\$387	1
Prairie Brand	PB-0987R2	RR2Y	0.9	R	54.7	11.2	0	131.1	\$371	2
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	53.4	11.2	0	132.5	\$362	3
Proseed	30-80	RR2Y	0.8	R	52.5	11.2	0	133.0	\$356	4
Stine	09RI62 §	RR2Y	0.9	R	51.7	11.3	0	134.4	\$351	5
Hefty	H08X8	RRX	0.8	MR	51.6	11.5	2	137.2	\$350	6
Titan Pro	TP 08X17	RRX	0.8	MR	50.6	11.0	1	134.4	\$343	7
NK Brand	S09-R8X §	RRX	0.9	R	50.4	11.8	0	135.3	\$342	8
Taylor	096-2R §	RR2Y	0.9	MR	49.9	11.6	0	134.9	\$338	9
Latham	L1092R2X	RRX	1.0	R	49.8	11.7	1	132.1	\$338	10
Dyna-Gro	S07XT28	RRX	0.7	R	49.7	11.4	0	135.8	\$337	11
Taylor	0718XS GC	RRX	0.7	MR	49.3	11.1	0	133.5	\$334	12
Titan Pro	TP 06X57	RRX	0.6	MR	49.3	11.1	1	134.4	\$334	13
Hefty	H06X8	RRX	0.6	MR	49.2	11.0	0	132.1	\$334	14
Dairyland	DSR-0418/R2Y	RR2Y	0.4	MR	48.9	11.4	0	136.3	\$332	15
NK Brand	S07-Q4X §	RRX	0.7	MR	48.7	11.5	0	133.5	\$330	16
Golden Harvest	GH0674X	RRX	0.6	S	48.6	11.3	0	133.0	\$330	17
Proseed	XT70-70	RRX	0.7	R	48.3	11.5	1	136.7	\$327	18
REA	RX0929	RRX	0.9	R	47.9	11.5	0	134.4	\$325	19
Dyna-Gro	S06XT59	RRX	0.6	R	47.9	11.1	1	133.9	\$325	20
Thunder	3907R2YN	RR2Y	0.7	R	47.8	11.2	0	134.9	\$324	21
Hefty	H04X8	RRX	0.4	MR	47.7	11.1	0	136.7	\$323	22
Latham	L0739R2X	RRX	0.7	R	47.6	11.0	0	131.1	\$323	23
Asgrow	AG06X8 §	RRX	0.6	R	46.9	11.1	3	133.5	\$318	24
Hefty	H09X9	RRX	0.9	MR	46.8	11.5	1	134.9	\$317	25
Legacy Seeds	LS-0438RR2X §	RRX	0.4	S	45.7	11.0	0	133.5	\$310	26
Prairie Brand	PB-0578R2	RR2Y	0.5	R	45.7	11.3	0	133.9	\$310	27
Hefty	H02X7	RRX	0.2	S	45.6	11.0	2	133.9	\$309	28
Renk	RS058NX	RRX	0.5	R	45.5	11.2	0	131.6	\$308	29
Proseed	XT80-80	RRX	0.8	R	45.5	11.5	1	136.3	\$308	30

Averages = **45.9** **11.2** **1** **134.2** **\$311**

LSD (0.10) = 3.5 0.2 1.2

LSD (0.25) = 1.8 0.1 0.6

C.V. = 7.2

Prev. years avg. yield, 41.0 bu/a, 4 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$6.78 GMO; \$6.78 non-GMO

TEST COMMENTS: *The plot was planted the same day as Wayne, Curt, and Dave planted the surrounding field. The plot experienced an August dry spell that took away top end yields. Curt commented that it would have been one amazing soybean crop in this area if they had received some much needed rain during pod fill. Area yields have been in the 40 - 50 BPA range. At harvest, plants were short but very bushy.*

† 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: 10/21/2018 Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta.
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

G27	GT27™
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 not provided	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
AM	ApronMaxx®	IS	Intego™ Suite
ASfi	AgriShield® F+I	Lu	Lumisena™
AVB	Avicta® Complete Beans	Me	Mertect®
AVBV	Avicta® Complete Beans with Vibrance	None	untreated
BB	Buckeye Boost ST	Pd	proTect D™
CCB	Clariva™ Complete Beans	PG+	Profit Guard +™
CI	Clariva™ pn	PS	MAS Pro-Shield
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	R	Redigo™
DPHB	DPH Boost®	Ret	Revize® SB+T
DST	Dominance™ ST	Ri	Rizolex™
DX	Defend™ Extra	SF	Stine XP F
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
EL+	Elevate™ Plus	TE	Trius Elite™
En	Encase®	TT	Turbo Treat™
EQV	Equity® VIP	W	Warden® CX
Es	Escalate™	Wr	Warden® RTA
F	fungicide	YPP	YP Pro™
G	Gaucho®		

* Seed treatments may include unspecified plant health promoting components.