

2018 Soybean Top 30 Harvest Report
 Red River Valley Central [RRCE] EAST GRAND FORKS
 Matthew Krueger, Polk County, MN 56721



PREV. CROP/HERB: Sugarbeet
 SOIL DESCRIPTION: Bearden-Colvin silty clay loam, mod. poor drained, non-irrigated
 SOIL CONDITIONS: Low P, low K, 7.9 pH, 3.4% OM, 34.1 CEC
 TILLAGE/CULTIVATION: Conventional w/o fall till
 PEST MANAGEMENT: Roundup, Valor
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 25 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 24 134,500 /A

All-Season Test
Maturity Group 0.2 - 1.0
 S2018RRCE03

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
Titan Pro	TP 06X57	RRX	0.6	MR	51.2	12.3	2	130.2	\$347	1
Taylor	0718XS GC	RRX	0.7	MR	51.0	12.2	2	134.9	\$346	2
Dairyland	DSR-0418/R2Y	RR2Y	0.4	MR	50.3	11.6	1	136.3	\$341	3
REA	RX0719	RRX	0.7	R	49.4	12.0	1	134.4	\$335	4
Dyna-Gro	S06XT59	RRX	0.6	R	49.3	13.0	2	134.9	\$334	5
Proseed	30-80	RR2Y	0.8	R	49.1	11.7	0	132.1	\$333	6
Proseed	XT60-40N	RRX	0.4	R	48.9	10.9	0	133.5	\$332	7
Thunder	3907R2YN	RR2Y	0.7	R	48.8	11.7	2	136.3	\$331	8
Prairie Brand	PB-0578R2	RR2Y	0.5	R	48.7	11.6	1	137.2	\$330	9
Stine	09RI62 §	RR2Y	0.9	R	48.6	12.6	2	135.3	\$330	10
NK Brand	S07-Q4X §	RRX	0.7	MR	48.6	13.2	0	134.9	\$329	11
Hefty	H08X8	RRX	0.8	MR	48.0	12.0	0	137.7	\$325	12
Hefty	H02X9	RRX	0.2	MR	47.8	11.0	2	135.8	\$324	13
Hefty	H06X8	RRX	0.6	MR	47.7	12.8	3	133.0	\$323	14
REA	RX0628	RRX	0.6	R	47.4	11.9	1	134.9	\$321	15
Golden Harvest	GH0749X	RRX	0.7	MR	47.4	13.5	2	136.3	\$321	16
Latham	L0739R2X	RRX	0.7	R	47.2	12.7	1	132.1	\$320	17
Latham	L0982R2	RR2Y	0.9	R	47.1	15.1	6	135.8	\$317	19
Hefty	H04X8	RRX	0.4	MR	47.0	11.9	1	133.5	\$319	18
Thunder	SB8903N	RRX	0.3	R	46.8	10.8	0	135.8	\$317	20
NK Brand	S09-R8X §	RRX	0.9	R	46.8	15.8	2	135.8	\$315	21
Legacy Seeds	LS-0438RR2X §	RRX	0.4	S	46.5	11.3	0	134.9	\$315	22
Mycogen	5B033R2 §	RR2Y,ST	0.3	S	46.5	11.3	1	135.3	\$315	23
Dyna-Gro	S07XT28	RRX	0.7	R	46.4	12.6	3	133.0	\$315	24
Hefty	H02X7	RRX	0.2	S	46.1	10.9	1	132.5	\$313	25
Thunder	SB8807N	RRX	0.7	R	46.1	12.6	4	136.7	\$313	26
Dyna-Gro	S05XT88	RRX	0.5	MR	46.0	11.5	1	134.9	\$312	27
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	45.9	13.2	3	135.3	\$311	28
Renk	RS058NX	RRX	0.5	R	45.7	11.3	0	134.4	\$310	29
Titan Pro	TP 08X17	RRX	0.8	MR	45.6	11.4	0	131.6	\$309	30

Averages = **44.8** **12.0** **2** **134.5** **\$304**

LSD (0.10) = 4.0 0.7 2.7

LSD (0.25) = 2.1 0.4 1.4

Luke Brendemuhl

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C.V. = 8.5

Prev. years avg. yield, 45.9 bu/a, 1 yr

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

TEST COMMENTS: *This test site was planted late May into a freshly worked sugarbeet field a few days before Matt could plant the surrounding field. This field had timely rains except from July 9 to August 18 when only an estimated 0.6 inches fell during a very warm period. At harvest, some varieties had a few upper pods that were not full. Overall, plants were bushy with lodging noted on some of the taller varieties.*

† 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: 10/25/2018 Revised:

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All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG02X8 §	RRX	0.2	S	AC,PV	REA	RX0929	RRX	0.9	R	AC,PV
Asgrow	AG03X7 §	RRX	0.3	R	AC,PV	Renk	RS039NX	RRX	0.3	R	EcTC
Asgrow	AG06X8 §	RRX	0.6	R	AC,PV	Renk	RS058NX	RRX	0.5	R	EcTC
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB	Stine	09RI62 §	RR2Y	0.9	R	SF
Dairyland	DSR-0397/R2Y	RR2Y	0.3	S	CMB	Taylor	0718XS GC	RRX	0.7	MR	None
Dairyland	DSR-0418/R2Y	RR2Y	0.4	MR	CMB	Taylor	096-2R §	RR2Y	0.9	MR	None
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	CMB	Thunder	3503R2Y	RR2Y	0.3	S	Ret
Dyna-Gro	S05XT88	RRX	0.5	MR	EQV	Thunder	3907R2YN	RR2Y	0.7	R	Ret
Dyna-Gro	S06XT59	RRX	0.6	R	EQV	Thunder	SB8805N	RRX	0.5	R	Ret
Dyna-Gro	S07XT28	RRX	0.7	R	EQV	Thunder	SB8807N	RRX	0.7	R	Ret
Golden Harvest	GH0339X	RRX	0.3	S	CCB,Me	Thunder	SB8903N	RRX	0.3	R	Ret
Golden Harvest	GH0391	RR2Y	0.3	MR	CCB,Me	Thunder	SB8906N	RRX	0.6	R	Ret
Golden Harvest	GH0674X	RRX	0.6	S	CCB,Me	Thunder	SB8909N	RRX	0.9	R	Ret
Golden Harvest	GH0749X	RRX	0.7	MR	CCB,Me	Titan Pro	TP 06X57	RRX	0.6	MR	R
Hefty	H02X7	RRX	0.2	S	None	Titan Pro	TP 08X17	RRX	0.8	MR	None
Hefty	H02X9	RRX	0.2	MR	DST						
Hefty	H03X8	RRX	0.3	MR	DST						
Hefty	H04X8	RRX	0.4	MR	DST						
Hefty	H05X8	RRX	0.5	MR	DST						
Hefty	H06X8	RRX	0.6	MR	DST						
Hefty	H08X8	RRX	0.8	MR	DST						
Hefty	H09X9	RRX	0.9	MR	DST						
Latham	E0559R2X	RRX	0.5	R	SS+						
Latham	E0638R2X	RRX	0.6	R	SS+						
Latham	L0739R2X	RRX	0.7	R	SS+						
Latham	L0859R2X	RRX	0.8	R	SS+						
Latham	L0982R2	RR2Y	0.9	R	SS+						
Latham	L1092R2X	RRX	1.0	R	SS+						
Legacy Seeds	LS-0438RR2X §	RRX	0.4	S	?						
Mycogen	5B033R2 §	RR2Y,ST	0.3	S	CCB						
Mycogen	5N052R2 §	RR2Y	0.5	MR	CCB						
Mycogen	5N078R2 §	RR2Y	0.7	R	None						
NK Brand	S03-G9 §	RR2Y	0.3	MR	CCB,Me						
NK Brand	S07-Q4X §	RRX	0.7	MR	CCB,Me						
NK Brand	S09-R8X §	RRX	0.9	R	CCB,Me						
Prairie Brand	PB-0578R2	RR2Y	0.5	R	CMB						
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CMB						
Proseed	30-80	RR2Y	0.8	R	CMB						
Proseed	XT60-40N	RRX	0.4	R	CMB						
Proseed	XT70-70	RRX	0.7	R	CMB						
Proseed	XT80-80	RRX	0.8	R	CMB						
REA	RX0228	RRX	0.2	R	AC,PV						
REA	RX0327	RRX	0.3	R	AC,PV						
REA	RX0628	RRX	0.6	R	AC,PV						
REA	RX0719	RRX	0.7	R	AC,PV						

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.