2017 Soybean Top 30 Harvest Report

Red River Valley Central [RRCE] BELTRAMI Ryan Skaug, Polk County, MN 56517

Oct 8

PREV. CROP/HERB: Corn / Roundup

SOIL DESCRIPTION: Wheatville sandy loam, mod. poor drained, non-irrigated

Very low P, low K, 8.2 pH, 3.0% OM, 22.6 CEC SOIL CONDITIONS:

TILLAGE/CULTIVATION: Conventional w/ fall till PEST MANAGEMENT: Lorsban, glyphosate

APPLIED N-P-K (units): 0-0-0

HARVESTED - STAND:

SEEDED - RATE - ROW: May 20 140,000 /A 30" Spacing

133,900 /A

farmers' independent research of seed technologies by: Brendemuhl Seed Research, LLC, Moorhead, MN

All-Season Test

Maturity Group 0.2 - 0.9

S2017RRCE04

Top 30 of 60

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

				SCN	Yield	Moisture	Lodging	Stand	Gross Ir	come
Company/Brand	Product/Brand†	Technol.†	Mat.	Resist.	→ Bu/A →	%	%	(x 1000)	\$/Acre	Rank
Latham	L0982R2	RR2Y	0.9	R	44.6	10.5	2	133.5	\$376	1
REA	RX0628	RRX	0.6	R	42.4	10.5	2	134.4	\$357	2
Golden Harvest	GH0391 §	RR2Y	0.3	MR	42.1	10.8	1	130.7	\$354	3
Thunder	SB8807N	RRX	0.7	R	41.9	10.5	2	134.4	\$352	4
Stine	03RD66 §	RR2Y	0.3	S	41.7	10.7	1	132.5	\$351	5
Legacy Seeds	LS-0646RR2	RR2Y	0.6	S	41.6	10.8	1	132.5	\$350	6
NorthStar	NS 60442NXR2 §	RRX	0.4	R	41.5	10.4	2	129.3	\$349	7
Latham	L0739R2X	RRX	0.7	R	41.0	10.4	6	133.5	\$345	8
Hefty	H02X7	RRX	0.2	S	40.5	10.3	2	133.0	\$340	9
NK Brand	S03-S6X §	RRX	0.3	S	40.4	10.4	2	130.7	\$339	10
Mustang	08X028	RRX	8.0	R	40.2	10.7	3	133.9	\$338	11
Pioneer	P06A45X §	RRX	0.6	R	40.1	10.2	1	131.1	\$337	12
Dyna-Gro	S05XT88	RRX	0.5	MR	39.7	10.4	4	135.3	\$333	13
Thunder	3505R2YN	RR2Y	0.5	R	39.7	10.8	3	132.1	\$333	14
Renk	RS078NX	RRX	0.7	R	39.6	10.7	1	131.1	\$332	15
Dyna-Gro	S07RY45	RR2Y	0.7	R	39.5	10.5	3	133.5	\$331	16
Asgrow	AG02X8 §	RRX	0.2	S	39.5	10.2	2	134.4	\$331	17
Peterson Seed	13R03 GC	RR2Y	0.3	S	39.4	10.5	3	135.3	\$331	18
Hefty	H03X7	RRX	0.3	R	39.1	10.7	3	136.7	\$328	19
Hefty	H08X8	RRX	8.0	R	39.0	10.7	3	136.3	\$327	20
Hefty	H04X8	RRX	0.4	R	38.9	10.5	2	135.3	\$326	21
Proseed	PX707N	RRX	0.7	R	38.8	10.8	3	134.4	\$326	22
Thunder	3606R2YN	RR2Y	0.6	R	38.7	10.6	3	133.5	\$324	23
Dyna-Gro	S07XT28	RRX	0.7	R	38.5	10.7	1	131.1	\$323	24
Asgrow	AG03X7 §	RRX	0.3	R	38.5	10.3	1	136.3	\$322	25
Asgrow	AG06X8 §	RRX	0.6	R	38.4	10.6	2	131.6	\$322	26
Proseed	PX706N	RRX	0.6	R	38.4	10.5	3	134.9	\$322	27
Hefty	H06X8	RRX	0.6	R	38.4	10.6	4	134.9	\$322	28
REA	RX0228	RRX	0.2	R	38.3	10.6	1	130.7	\$321	29
Prairie Brand	PB-0578R2	RR2Y	0.5	MR	38.3	10.8	6	136.7	\$321	30
				erages =	37.8	10.6	3	133.9	\$316	
				(0.10) =	3.3	0.2	2.0			
Luke Brendemuhl			LSD	(0.25) =	1.8	0.1	1.1			
luke.brendemuhl@firstseedtests.com, (218) 790-4497			C.V. = 8.8			Prev. years avg. yield, 46.4 bu/a, 1 yr				

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

TEST COMMENTS: Our host grower, Ryan gave us another excellent plot location this year. This location was the last plot planted this season and it started to rain right as we finished planting. Weather conditions were very dry, receiving around 0.9 inch of rain from June through August. In September, rainfall of 5 inches was received. Ryan said that yield was above 40 bu/acre for this specific field.

† 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

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Report Date: 10/09/2017 Revised:



2017 Soybean - Red River Valley Central [RRCE]

All-Season Test Products (60 Total)

Asgrow AG02X8 § RRX 0.2 S ACi Asgrow AG03X7 § RRX 0.3 R ACi Asgrow AG06X8 § RRX 0.6 R ACi Dairyland DSR-0807/R2Y RR2Y 0.8 S CMB Dairyland DSR-0988/R2Y RR2Y 0.9 R CMB Dyna-Gro S05XT88 RRX 0.5 MR EQV Dyna-Gro S07RY45 RR2Y 0.7 R EQV Dyna-Gro S07XT28 RRX 0.7 R EQV Stine Golden Harvest GH0391 § RR2Y 0.3 MR CCB,Me Golden Harvest GH0674X § RRX 0.6 S CCB,Me Hefty H03X7 RRX 0.2 S None Thur Hefty H03X8 RRX 0.3 R None Thur Hefty H04X8 RRX 0.4 <	k k k k e e nder nder nder
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Latham L0485R2 RR2Y 0.4 R CCB,Me	
Latham L0535R2X RRX 0.5 MR CCB,Me	
Latham L0739R2X RRX 0.7 R SS+	
Latham L0838R2 RR2Y 0.8 R SS+	
Latham L0858R2X RRX 0.8 R CCB,Me	
Latham L0938EXGT BG 0.9 R SS+	
Latham L0982R2 RR2Y 0.9 R SS+	
Legacy Seeds LS-0646RR2 RR2Y 0.6 S F,G	
Mustang 04X728 RRX 0.4 R F,I	
Mustang 06X628 RRX 0.6 R F,I	
Mustang 08X028 RRX 0.8 R F,I	
NK Brand S03-S6X § RRX 0.3 S CCB,Me	
NorthStar NS 60442NXR2 § RRX 0.4 R CCB	
Peterson Seed 13R03 GC RR2Y 0.3 S ACi	
Peterson Seed 17X04N GC RRX 0.4 R ACi	
Peterson Seed 17X09N GC RRX 0.9 R ACi	
Pioneer P06A45X § RRX 0.6 R EE,G	
Pioneer P08A72X § RRX 0.8 R EE,G	
Prairie Brand PB-0397R2 RR2Y 0.3 S CMB	
Prairie Brand PB-0578R2 RR2Y 0.5 MR CMB	
Prairie Brand PB-0777R2 RR2Y 0.7 R CMB	
Proseed PX706N RRX 0.6 R CMB	
Proseed PX707N RRX 0.7 R CMB	
Proseed XT60-04N RRX 0.4 R CMB	
REA RX0228 RRX 0.2 R ACi	
REA RX0327 RRX 0.3 R ACi	

Company/Brand	Product/Brand	Technol.	Mat	SCN	Seed Trt
REA	RX0516	RRX	0.5	R	ACi
REA	RX0628	RRX	0.6	R	ACi
Renk	RS033R2	RR2Y	0.3	S	None
Renk	RS058NX	RRX	0.5	R	None
Renk	RS078NX	RRX	0.7	R	AM,IL
Renk	RS084NR2	RR2Y	0.8	R	EcTC
Stine	03RD66 §	RR2Y	0.3	S	SFI
Stine	09RI62 §	RR2Y	0.9	R	SFI
Thunder	3408R2YN	RR2Y	0.8	R	CMB
Thunder	3503R2Y	RR2Y	0.3	S	CMB
Thunder	3505R2YN	RR2Y	0.5	R	CMB
Thunder	3606R2YN	RR2Y	0.6	R	CMB
Thunder	SB8703	RRX	0.3	S	CMB
Thunder	SB8805N	RRX	0.5	R	CMB
Thunder	SB8807N	RRX	0.7	R	CMB



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. 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

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
Cl	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	Gaucho [®]	YPP	YP Pro™

^{*} Seed treatments may include unspecified plant health promoting components.