

2017 Soybean Top 30 Harvest Report
 Red River Valley Central [RRCE] HUNTER
 Henry Burchill, Cass County, ND 58048



PREV. CROP/HERB: Corn / Roundup
 SOIL DESCRIPTION: Swenoda sandy loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Medium P, medium K, 7.2 pH, 2.1% OM, 15.1 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Roundup, Afforia
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 19 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 12 133,300 /A

All-Season Test
Maturity Group 0.2 - 0.9
 S2017RRCE02

Top 30 of 60
 For Gross Income (Sorted by Yield)
 Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H09X7	RRX	0.9	R	52.8	9.2	4	133.7	\$464	1
Thunder	SB8807N	RRX	0.7	R	50.5	9.0	10	134.4	\$444	2
Asgrow	AG02X8 §	RRX	0.2	S	50.3	8.4	3	134.4	\$442	3
Peterson Seed	17X09N GC	RRX	0.9	R	50.1	9.1	10	135.8	\$440	4
Pioneer	P06A45X §	RRX	0.6	R	49.8	8.4	3	135.1	\$438	5
Latham	L0982R2	RR2Y	0.9	R	49.4	9.7	7	132.3	\$434	6
Latham	L0838R2	RR2Y	0.8	R	47.9	8.8	10	136.5	\$421	7
Proseed	PX707N	RRX	0.7	R	47.6	8.9	7	133.7	\$418	8
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	47.4	9.2	7	131.6	\$417	9
Thunder	SB8703	RRX	0.3	S	47.3	8.4	3	136.5	\$416	10
Dyna-Gro	S07RY45	RR2Y	0.7	R	46.7	8.7	4	135.1	\$410	11
Renk	RS084NR2	RR2Y	0.8	R	46.7	8.9	10	136.5	\$410	12
Mustang	08X028	RRX	0.8	R	46.2	8.8	10	133.7	\$406	13
NorthStar	NS 60442NXR2 §	RRX	0.4	R	46.1	8.4	1	135.8	\$405	14
Latham	L0739R2X	RRX	0.7	R	46.1	8.8	5	134.4	\$405	15
Golden Harvest	GH0674X §	RRX	0.6	S	46.0	8.7	1	134.4	\$404	16
Mustang	06X628	RRX	0.6	R	45.9	8.8	3	129.5	\$403	17
Thunder	3408R2YN	RR2Y	0.8	R	45.9	10.1	3	134.4	\$403	18
Latham	L0938EXGT	BG	0.9	R	45.9	9.0	4	132.3	\$403	19
Proseed	PX706N	RRX	0.6	R	45.4	8.9	3	134.4	\$399	20
Asgrow	AG06X8 §	RRX	0.6	R	45.3	8.7	3	132.3	\$398	21
Dairyland	DSR-0807/R2Y	RR2Y	0.8	S	45.3	8.7	3	130.9	\$398	22
Prairie Brand	PB-0777R2	RR2Y	0.7	R	45.3	9.4	9	135.8	\$398	23
Hefty	H06X8	RRX	0.6	R	45.2	8.8	1	135.8	\$397	24
Hefty	H04X8	RRX	0.4	R	45.0	8.4	7	131.6	\$396	25
Peterson Seed	13R03 GC	RR2Y	0.3	S	44.8	8.5	3	130.2	\$394	26
Latham	L0858R2X	RRX	0.8	R	44.6	8.5	5	135.8	\$392	27
REA	RX0628	RRX	0.6	R	44.5	8.5	1	132.3	\$391	28
Legacy Seeds	LS-0646RR2	RR2Y	0.6	S	44.4	8.7	1	130.2	\$390	29
Stine	09RI62 §	RR2Y	0.9	R	44.4	9.1	9	133.0	\$390	30

Averages = **43.8** **8.7** **4** **133.3** **\$385**

LSD (0.10) = 3.2 0.3 4.4

LSD (0.25) = 1.7 0.1 2.3

Luke Brendemuhl

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C.V. = 5.7

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 no-till planted into corn residue. The soil is lighter here, being on the banks of Lake Agassiz that once covered the Red River Valley. At planting, we were forced to plant into wetter soil due to intermittent rains. Late season rainfall was below normal, receiving just over 1" from August to mid-September. There were varying degrees of pod fill in upper plant pods amongst the 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: 10/13/2017 Revised:

2017 Soybean - Red River Valley Central [RRCE]

All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
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
Golden Harvest	GH0391 §	RR2Y	0.3	MR	CCB,Me
Golden Harvest	GH0674X §	RRX	0.6	S	CCB,Me
Hefty	H02X7	RRX	0.2	S	None
Hefty	H03X7	RRX	0.3	R	None
Hefty	H03X8	RRX	0.3	R	DST
Hefty	H04X8	RRX	0.4	R	DST
Hefty	H06X8	RRX	0.6	R	DST
Hefty	H08X8	RRX	0.8	R	DST
Hefty	H09X7	RRX	0.9	R	DST
Latham	L0438R2X	RRX	0.4	R	CCB,Me
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	P05A93X §	RRX	0.5	R	EE,G
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. 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.