

2016 Soybean Top 30 Harvest Report

Red River Valley South [RRSO] KENT
Ted Petersen, Traverse County, MN 56553



Test by: Elite Field Genetics, LLC, Fargo, ND

PREV. CROP/HERB: Sugarbeet / Roundup PowerMax
SOIL DESCRIPTION: Mustinka silty clay loam, poor drained, non-irrigated
SOIL CONDITIONS: Mod. High P, high K, 8.1 pH, 3.6 % OM
TILLAGE/CULTIVATION: Minimum w/o fall
PEST MANAGEMENT: Roundup PowerMax, Sinister, trifluralin
SEEDED - RATE - ROW: May 12 160,000 /A 30" Spacing
HARVESTED - STAND: Sep 30 129,700 /A

All-Season Test
Maturity Group 0.5 - 1.2
S2016RRSO14

Top 30 of 60
For Gross Income (Sorted by Yield)
Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Federal	F087NRR2Y	RR2Y	0.8	R	MAG	54.6	12.7	5	136.2	\$494
NK Brand	S12-R3 §	RR2Y	1.2	MR	CCB,Me	52.1	12.8	5	132.2	\$472
Asgrow	AG1135 §	RR2Y	1.1	R	ACi	51.9	12.8	8	134.2	\$470
Prairie Brand	PB-0777R2 §	RR2Y	0.7	R	CCB,In	51.6	12.9	6	132.2	\$467
Mustang	09626	RR2Y	0.9	R	NCFI	50.7	13.0	5	134.2	\$459
Pioneer	P11T22R2 §	RR2Y	1.1	R	EE,G,IL	50.3	12.8	4	130.2	\$455
Dyna-Gro	S09RY64	RR2Y	0.9	R	CMB	50.2	12.8	4	134.2	\$454
Latham	L0982R2	RR2Y	0.9	R	SS+	49.1	12.8	5	134.2	\$444
Stine	08RI02 §	RR2Y	0.8	R	SFI	49.0	12.7	8	136.2	\$443
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CCB,In	49.0	13.2	8	132.2	\$443
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CCB,In	48.5	12.8	5	134.2	\$439
Thunder	3408R2YN	RR2Y	0.8	R	CMB	48.4	12.7	3	130.2	\$438
Renk	RS096NR2	RR2Y	0.9	R	CMBV	48.4	12.8	3	128.2	\$438
REA	66G14 §	RR2Y	0.6	R	ACi	48.0	12.7	8	128.2	\$434
Latham	E0884R2	RR2Y	0.8	R	SS+	47.8	12.8	4	136.2	\$433
REA	69G14	RR2Y	0.9	MR	ACi	47.8	12.9	5	134.2	\$433
Stine	10RD03 §	RR2Y	1.0	S	SFI	47.7	12.5	3	130.2	\$432
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	CMB	46.3	12.7	5	134.2	\$419
Stine	09RH26 §	RR2Y	0.9	R	SFI	46.2	13.0	5	130.2	\$418
Proseed	XT613	RRX	1.3	R	CMBV	46.1	13.1	5	126.2	\$417
Latham	L0958R2X	RRX	0.9	R	CCB,Me	45.9	12.6	3	126.2	\$415
Asgrow	AG0835 §	RR2Y	0.8	R	ACi	45.2	12.9	4	132.2	\$409
Dyna-Gro	S12RY44	RR2Y	1.2	R	CMB	45.2	12.7	5	132.2	\$409
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB	45.1	12.8	8	134.2	\$408
Federal	F106NRR2Y	RR2Y	1.0	R	MAG	45.0	12.8	3	128.2	\$407
Hefty	H08X7	RRX	0.8	MR	DST	44.3	12.7	5	128.2	\$401
Proseed	XT609 §	RRX	0.9	R	CMBV	43.9	12.6	5	124.2	\$397
Federal	F0960NR2X	RRX	0.9	R	None	42.3	12.8	4	126.2	\$383
Hefty	H12X7	RRX	1.2	MR	DST	41.9	12.7	7	128.2	\$379
Thunder	3511R2YN	RR2Y	1.1	R	CMB	41.9	12.7	11	130.2	\$379

Kevin Coey

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Averages =	42.3	12.6	6	129.7	\$383
LSD (0.10) =	6.4	0.7	4		
LSD (0.25) =	4.4	0.5	3		
C.V. =	12.9			New test site, no yield history	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.2 Drying = \$0.020 Prices = \$9.05 GMO; \$9.05 non-GMO

TEST COMMENTS: *This test site experienced a high level of iron chlorosis that affected a majority of the varieties. The few unaffected varieties were quite noticeable in their overall health and harvest weights. The site also received hail early in the growing season. The hail and iron chlorosis was the likely cause of lower average yields here, compared to other locations in Red River South.*

† 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: 10/01/2016 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	AG0835 §	RR2Y	0.8	R	ACi	REA	66G14 §	RR2Y	0.6	R	ACi
Asgrow	AG0934 §	RR2Y	0.9	R	ACi	REA	69G14	RR2Y	0.9	MR	ACi
Asgrow	AG1135 §	RR2Y	1.1	R	ACi	REA	R0815	RR2Y	0.8	R	ACi
Dairyland	DSR-0807/R2Y	RR2Y	0.8	S	CMB	Renk	RS067NR2	RR2Y	0.6	R	CMB
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	CMB	Renk	RS096NR2	RR2Y	0.9	R	CMBV
Dairyland	DSR-1120/R2Y	RR2Y	1.1	S	CMB	Stine	08RI02 §	RR2Y	0.8	R	SFI
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB	Stine	09RH26 §	RR2Y	0.9	R	SFI
Dyna-Gro	S09RY64	RR2Y	0.9	R	CMB	Stine	10RD03 §	RR2Y	1.0	S	SFI
Dyna-Gro	S12RY44	RR2Y	1.2	R	CMB	Thunder	3408R2YN	RR2Y	0.8	R	CMB
Federal	F067NRR2Y	RR2Y	0.6	R	None	Thunder	3505R2YN	RR2Y	0.5	R	CMB
Federal	F0860NR2X	RRX	0.8	R	MAG	Thunder	3511R2YN	RR2Y	1.1	R	CMB
Federal	F087NRR2Y	RR2Y	0.8	R	MAG	Thunder	3606R2YN	RR2Y	0.6	R	CMB
Federal	F0960NR2X	RRX	0.9	R	None	Titan Pro	TP-06R56	RR2Y	0.6	R	None
Federal	F106NRR2Y	RR2Y	1.0	R	MAG	Titan Pro	TP-09X25	RRX	0.9	R	None
Hefty	H05X7	RRX	0.5	S	DST	Titan Pro	TP-12X55	RRX	1.2	R	None
Hefty	H05X8	RRX	0.5	MR	DST						
Hefty	H06X7	RRX	0.6	MR	DST						
Hefty	H08X7	RRX	0.8	MR	DST						
Hefty	H09X7	RRX	0.9	MR	DST						
Hefty	H12X7	RRX	1.2	MR	DST						
Latham	E0884R2	RR2Y	0.8	R	SS+						
Latham	E0945R2	RR2Y	0.9	MR	SS+						
Latham	L0685R2	RR2Y	0.6	R	SS+						
Latham	L0785R2X	RRX	0.7	R	CCB,Me						
Latham	L0838R2	RR2Y	0.8	R	SS+						
Latham	L0958R2X	RRX	0.9	R	CCB,Me						
Latham	L0982R2	RR2Y	0.9	R	SS+						
Latham	L1285R2X	RRX	1.2	MR	CCB,Me						
Mustang	07X727	RRX	0.7	R	ACi						
Mustang	09626	RR2Y	0.9	R	NCFI						
Mustang	10X127	RRX	1.0	R	ACi						
NK Brand	S06-Q9 §	RR2Y	0.6	R	CCB,Me						
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me						
NK Brand	S12-R3 §	RR2Y	1.2	MR	CCB,Me						
Pioneer	90Y80 §	RR	0.8	S	EE,G,IL						
Pioneer	P06T28R §	RR	0.6	S	EE,G,IL						
Pioneer	P08T58X §	RRX	0.8	R	EE,G						
Pioneer	P11T22R2 §	RR2Y	1.1	R	EE,G,IL						
Prairie Brand	PB-0676R2	RR2Y	0.6	R	CCB,In						
Prairie Brand	PB-0777R2 §	RR2Y	0.7	R	CCB,In						
Prairie Brand	PB-0863R2	RR2Y	0.8	MR	CCB,In						
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CCB,In						
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CCB,In						
Proseed	XT609 §	RRX	0.9	R	CMBV						
Proseed	XT613	RRX	1.3	R	CMBV						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.