

2016 Soybean Top 30 Harvest Report

Minnesota West Central [MNWC] ELBOW LAKE
Chad Biss, Grant County, MN 56531



PREV. CROP/HERB: Corn
SOIL DESCRIPTION: Formdale-Aazdahl-Flom clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, moderate K, 8 pH, 3.8 % OM, no SCN
TILLAGE/CULTIVATION: Conventional w/ fall till
PEST MANAGEMENT: Fierce, Flexstar GT, Select Max, Roundup
SEEDED - RATE - ROW: May 16 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 3 136,200 /A

All-Season Test
Maturity Group 0.6 - 1.5
S2016MNWC04

Top 30 of 63
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Latham	E1584R2	RR2Y	1.5	R	SS+	52.8	11.7	1	136.0	\$465
Latham	E1348R2	RR2Y	1.3	R	SS+	52.7	11.8	3	136.5	\$464
Prairie Brand	PB-1376R2	RR2Y	1.3	R	CCB,In	52.6	12.1	1	138.4	\$463
NK Brand	S15-P1 §	RR2Y	1.5	MR	CCB,Me	52.3	12.4	3	134.6	\$460
Stine	14RD62 §	RR2Y	1.4	R	SFI	51.5	11.6	0	135.5	\$453
Pfister	14R203	RR2Y	1.4	R	CCB	50.4	11.7	1	135.0	\$444
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CCB,In	50.4	12.1	1	137.5	\$444
Stine	13RI32 §	RR2Y	1.3	R	SFI	49.7	11.6	0	137.0	\$437
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CCB,In	49.4	12.2	0	136.5	\$435
Latham	L1538R2	RR2Y	1.5	R	CCB,Me	49.1	11.7	0	136.5	\$432
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	48.9	11.8	1	136.5	\$430
Gold Country	1414 GC	RR2Y	1.4	R	ACi	48.5	12.0	0	137.9	\$427
NorthStar	NS 1528NR2	RR2Y	1.5	R	None	48.3	11.8	0	135.0	\$425
LG Seeds	C1428R2	RR2Y	1.4	R	CCB	48.0	11.5	0	136.5	\$422
Stine	08RI02 §	RR2Y	0.8	R	SFI	47.0	11.5	0	136.5	\$414
AgVenture	09E1RR^	RR	0.9	R	IS	46.8	12.1	3	136.5	\$412
NK Brand	S13-H5 §	RR2Y	1.3	R	CCB,Me	46.7	11.8	1	136.0	\$411
Peterson Seed	16R09N GC	RR2Y	0.9	R	AC	46.4	12.6	0	137.0	\$408
NK Brand	S14-A6 §	RR2Y	1.4	MR	CCB,Me	46.4	11.9	3	136.0	\$408
Dyna-Gro	S14RY95	RR2Y	1.4	R	CCB	46.0	11.3	1	136.5	\$405
Renk	RS096NR2	RR2Y	0.9	R	CMBV	45.9	12.3	0	134.1	\$404
Stine	10RD03 §	RR2Y	1.0	S	SFI	45.5	11.5	0	137.0	\$400
Asgrow	AG1135 §	RR2Y	1.1	R	ACi	45.4	11.4	0	136.5	\$400
Latham	E0884R2	RR2Y	0.8	R	SS+	45.3	11.9	0	135.5	\$399
Hefty	H14R3	RR2Y	1.4	MR	DST	45.3	11.8	1	136.0	\$399
Renk	RS147NR2	RR2Y	1.4	R	CMBV	45.2	11.3	3	136.5	\$398
Thunder	3614R2YN	RR2Y	1.4	R	CMB	45.1	11.2	3	135.5	\$397
Dairyland	DST15-008/R2Y	RR2Y	1.5	R	CMB	44.9	11.4	0	135.0	\$395
Thunder	3511R2YN	RR2Y	1.1	R	CMB	44.9	11.9	0	135.0	\$395
Mustang	13327	RR2Y	1.3	R	ACi	44.8	11.7	1	137.5	\$394

Averages = **44.1** **11.7** **1** **136.2** **\$388**

LSD (0.10) = 6.2 0.5 ns

LSD (0.25) = 4.3 0.3 ns

C.V. = 10.3 New test site, no yield history

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.80 GMO; \$8.80 non-GMO

TEST COMMENTS: *The planting conditions were nearly perfect here. The day of harvest was also nearly perfect. Chad said the test area was real dry until July 8 when they received 5 inches of rain in 5 days. The height of the beans in the plot did vary from nearly knee high to waist high to knee high and the yield did show a difference. During two site visits I did not notice more than light levels of common leaf diseases.*

† 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: 10/04/2016 Revised:

2016 Soybean - Minnesota West Central [MNWC]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgVenture	08E5RR^	RR	0.8	S	IS	Prairie Brand	PB-1257R2	RR2Y	1.2	R	CCB,In
AgVenture	09E1RR^	RR	0.9	R	IS	Prairie Brand	PB-1376R2	RR2Y	1.3	R	CCB,In
AgVenture	10H7R2^	RR2Y	1.0	S	CMBV	Prairie Brand	PB-1466R2	RR2Y	1.4	R	CCB,In
Anderson	153R2Y	RR2Y	1.5	R	None	Renk	RS067NR2	RR2Y	0.6	R	CMB
Asgrow	AG0934 §	RR2Y	0.9	R	ACi	Renk	RS084NR2	RR2Y	0.8	R	CMB
Asgrow	AG1135 §	RR2Y	1.1	R	ACi	Renk	RS096NR2	RR2Y	0.9	R	CMBV
Asgrow	AG1431 §	RR2Y	1.4	R	ACi	Renk	RS147NR2	RR2Y	1.4	R	CMBV
Asgrow	AG1435 §	RR2Y	1.4	R	ACi	Stine	08RI02 §	RR2Y	0.8	R	SFI
Channel	1308R2 §	RR2Y	1.3	R	ACi	Stine	10RD03 §	RR2Y	1.0	S	SFI
Dairyland	DSR-1313/R2Y	RR2Y	1.3	R	CMB	Stine	13RI32 §	RR2Y	1.3	R	SFI
Dairyland	DSR-1526/R2Y	RR2Y	1.5	R	CMB	Stine	14RD62 §	RR2Y	1.4	R	SFI
Dairyland	DST15-008/R2Y	RR2Y	1.5	R	CMB	Thunder	3408R2YN	RR2Y	0.8	R	CMB
Dyna-Gro	S09RY64	RR2Y	0.9	R	CCB	Thunder	3511R2YN	RR2Y	1.1	R	CMB
Dyna-Gro	S12RY44	RR2Y	1.2	R	CCB	Thunder	3606R2YN	RR2Y	0.6	R	CMB
Dyna-Gro	S14RY95	RR2Y	1.4	R	CCB	Thunder	3614R2YN	RR2Y	1.4	R	CMB
Dyna-Gro	SX16310R	RR2Y	1.0	R	ACi	Titan Pro	TP-06R56	RR2Y	0.6	R	None
Gold Country	0814 GC	RR2Y	0.8	R	ACi	Titan Pro	TP-09R45	RR2Y	0.9	R	None
Gold Country	1414 GC	RR2Y	1.4	R	ACi	Titan Pro	TP-11R33	RR2Y	1.1	R	IS
Hefty	H09R4	RR2Y	0.9	MR	None						
Hefty	H11R5	RR2Y	1.1	MR	DST						
Hefty	H12R4	RR2Y	1.2	MR	DST						
Hefty	H13R5	RR2Y	1.3	MR	DST						
Hefty	H14R3	RR2Y	1.4	MR	DST						
Latham	E0884R2	RR2Y	0.8	R	SS+						
Latham	E1348R2	RR2Y	1.3	R	SS+						
Latham	E1584R2	RR2Y	1.5	R	SS+						
Latham	L0685R2	RR2Y	0.6	R	SS+						
Latham	L0838R2	RR2Y	0.8	R	SS+						
Latham	L0982R2	RR2Y	0.9	R	SS+						
Latham	L1438R2	RR2Y	1.4	R	CCB,Me						
Latham	L1538R2	RR2Y	1.5	R	CCB,Me						
LG Seeds	C1428R2	RR2Y	1.4	R	CCB						
Mustang	09626	RR2Y	0.9	R	NCFI						
Mustang	13327	RR2Y	1.3	R	ACi						
NK Brand	S13-H5 §	RR2Y	1.3	R	CCB,Me						
NK Brand	S14-A6 §	RR2Y	1.4	MR	CCB,Me						
NK Brand	S15-P1 §	RR2Y	1.5	MR	CCB,Me						
NorthStar	NS 0839NR2	RR2Y	0.8	R	None						
NorthStar	NS 1528NR2	RR2Y	1.5	R	None						
Peterson Seed	15R07N GC	RR2Y	0.7	R	AC						
Peterson Seed	15R14N	RR2Y	1.4	R	AC						
Peterson Seed	16R09N GC	RR2Y	0.9	R	AC						
Pfister	14R203	RR2Y	1.4	R	CCB						
Pioneer	P15T46R2 §	RR2Y	1.5	R	None						
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CCB,In						

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.