

# 2016 Soybean Top 30 Harvest Report

North Dakota Southeast [ NDSE ] KULM  
Lowell Bertson, Logan County, ND 58456



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

PREV. CROP/HERB: Wheat / WideMatch  
SOIL DESCRIPTION: Roseglen silt loam, mod. well drained, non-irrigated  
SOIL CONDITIONS: Low P, mod. high K, 7.9 pH, 3.7 % OM  
TILLAGE/CULTIVATION: Minimum w/o fall  
PEST MANAGEMENT: Roundup  
SEEDED - RATE - ROW: May 25 160,000 /A 30" Spacing  
HARVESTED - STAND: Oct 9 136,400 /A

**All-Season Test**  
**Maturity Group 0.5 - 1.2**  
S2016NDSE11

**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
Latham	L0982R2	RR2Y	0.9	R	SS+	<b>57.4</b>	12.9	9	140.2	\$519
REA	R0815	RR2Y	0.8	R	ACi	<b>56.7</b>	13.3	8	134.2	\$513
Dairyland	DSR-0988/R2Y	RR2Y	0.9	R	CMB	56.1	13.3	5	142.2	\$507
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB	55.8	13.3	8	136.2	\$505
Thunder	3408R2YN	RR2Y	0.8	R	CMB	54.8	13.1	8	142.2	\$496
Stine	09RH26 §	RR2Y	0.9	R	SFI	54.3	13.3	10	132.2	\$491
Prairie Brand	PB-1257R2	RR2Y	1.2	R	CCB,In	54.2	13.3	14	134.2	\$490
Latham	E0884R2	RR2Y	0.8	R	SS+	54.1	13.2	3	126.2	\$489
Latham	L0838R2	RR2Y	0.8	R	SS+	54.0	13.2	4	138.2	\$488
Stine	08RI02 §	RR2Y	0.8	R	SFI	53.6	13.2	5	142.2	\$485
Dairyland	DSR-0807/R2Y	RR2Y	0.8	S	CMB	53.5	12.7	5	140.2	\$484
Renk	RS096NR2	RR2Y	0.9	R	CMBV	53.3	13.1	8	134.2	\$482
Hefty	H08X7	RRX	0.8	MR	DST	53.3	13.0	11	136.2	\$482
Latham	L0958R2X	RRX	0.9	R	CCB,Me	53.1	12.9	8	142.2	\$481
Asgrow	AG0934 §	RR2Y	0.9	R	ACi	53.0	12.8	11	140.2	\$480
Proseed	P2 30-80N	RR2Y	0.8	R	CMBV	52.9	13.2	9	136.2	\$479
Dyna-Gro	S12RY44	RR2Y	1.2	R	CMB	52.6	13.1	4	140.2	\$476
AgVenture	10H7R2^	RR2Y	1.0	S	CMBV	52.5	12.7	5	142.2	\$475
NK Brand	S12-R3 §	RR2Y	1.2	MR	CCB,Me	52.3	13.3	7	138.2	\$473
Mustang	09626	RR2Y	0.9	R	NCFI	52.2	13.2	5	138.2	\$472
Prairie Brand	PB-0987R2	RR2Y	0.9	R	CCB,In	52.0	13.0	3	138.2	\$471
Asgrow	AG0835 §	RR2Y	0.8	R	ACi	52.0	13.4	7	136.2	\$470
Mustang	10X127	RRX	1.0	R	ACi	51.7	12.9	6	132.2	\$468
Pioneer	P06T28R §	RR	0.6	S	EE,G,IL	51.5	12.8	5	132.2	\$466
Renk	RS107NX	RRX	1.0	R	CMB	51.5	12.9	9	140.2	\$466
Hefty	H09X7	RRX	0.9	MR	DST	51.5	12.9	15	136.2	\$466
REA	69G14	RR2Y	0.9	MR	ACi	51.4	13.1	4	138.2	\$465
Asgrow	AG1135 §	RR2Y	1.1	R	ACi	51.4	13.1	5	132.2	\$465
Pioneer	90Y80 §	RR	0.8	S	EE,G,IL	51.4	12.9	8	132.2	\$465
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me	51.4	13.0	15	134.2	\$465

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Averages =	<b>51.3</b>	<b>13.0</b>	<b>8</b>	<b>136.4</b>	<b>\$464</b>
LSD (0.10) =	5.0	0.2	6		
LSD (0.25) =	3.5	0.1	4		
C.V. =	8.3			Prev. years avg. yield, 39.6 bu/a, 1 yr	

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

**TEST COMMENTS:** This site was planted into good soil conditions in late May. The test was located on a gradual slope which helped drain excess surface water. Rainfall was above normal during the entire growing season with July, August and September totals being 3.0, 1.4, and 2.2 inches, respectively, above the area 30-yr average. There was minimal lodging noticed throughout the test site.

† 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: 10/10/2016 Revised:



## 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. 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

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.