

## 2016 Soybean Top 30 Harvest Report

North Dakota East Central [ NDEC ] CASSELTON  
Steve Fox, Cass County, ND 58012



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

PREV. CROP/HERB: Corn / Roundup, atrazine  
SOIL DESCRIPTION: Hegne-Fargo silty clay loam, poor drained, non-irrigated  
SOIL CONDITIONS: Moderate P, mod. high K, 6.4 pH, 4.9 % OM  
TILLAGE/CULTIVATION: Conventional w/ fall  
PEST MANAGEMENT: glyphosate, Select  
SEEDED - RATE - ROW: May 21 160,000 /A 30" Spacing  
HARVESTED - STAND: Oct 3 132,400 /A

**All-Season Test**  
**Maturity Group 0.00 - 0.7**  
S2016NDEC04

**Top 30 of 48**  
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
Pioneer	90Y80 §	RR	0.8	S	EE,G,IL	<b>48.6</b>	11.8	6	136.2	\$440
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me	<b>46.3</b>	11.7	4	132.2	\$419
Proseed	50-60N	RR2Y	0.6	R	CMBV	<b>45.2</b>	11.6	4	130.2	\$409
Proseed	XT604	RRX	0.4	R	CMBV	<b>44.5</b>	11.4	3	138.2	\$403
Latham	L0485R2	RR2Y	0.4	R	SS+	<b>44.0</b>	11.9	4	132.2	\$398
Thunder	3503R2Y	RR2Y	0.3	S	CMB	<b>44.0</b>	11.3	6	130.2	\$398
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB	<b>43.8</b>	11.8	10	130.2	\$396
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CCB,In	<b>43.7</b>	11.4	5	134.2	\$395
Legend	LS01R656 §	RR2Y	0.1	S	None	<b>43.3</b>	11.6	2	130.2	\$392
Hefty	H05X7	RRX	0.5	S	DST	43.2	11.6	5	132.2	\$391
Latham	E0358R2X	RRX	0.3	R	SS+	42.7	11.3	3	132.2	\$386
Latham	E0263R2X	RRX	0.2	S	SS+	42.6	11.3	3	136.2	\$386
Asgrow	AG0536 §	RR2Y	0.5	R	ACi	42.6	11.8	3	130.2	\$386
Thunder	3606R2YN	RR2Y	0.6	R	CMB	42.6	11.8	8	130.2	\$386
Dyna-Gro	S03RY36	RR2Y	0.3	S	CMB	42.2	11.9	4	132.2	\$382
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	42.2	11.5	9	138.2	\$382
Mustang	04X427	RRX	0.4	R	ACi	42.1	11.7	8	132.2	\$381
Hefty	H03X7	RRX	0.3	MR	DST	42.1	11.8	8	136.2	\$381
REA	66G14	RR2Y	0.6	R	ACi	41.7	11.8	6	132.2	\$377
Stine	03RD66 §	RR2Y	0.3	S	SFI	41.2	11.9	3	136.2	\$373
Asgrow	AG0434 §	RR2Y	0.4	S	ACi	41.2	11.3	11	136.2	\$373
NK Brand	S06-Q9 §	RR2Y	0.6	R	CCB,Me	41.1	11.8	7	134.2	\$372
Stine	05RH26 §	RR2Y	0.5	R	SFI	40.9	11.8	3	134.2	\$370
Dyna-Gro	S06RY47	RR2Y	0.6	R	CMB	40.8	11.7	3	130.2	\$369
REA	64G94	RR2Y	0.4	R	ACi	40.7	11.7	4	136.2	\$368
Hefty	H06X7	RRX	0.6	MR	DST	40.3	11.5	5	136.2	\$365
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB	40.1	11.3	5	130.2	\$363
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G	39.8	11.2	5	140.2	\$360
Latham	L0785R2X	RRX	0.7	R	CCB,Me	39.8	11.5	7	134.2	\$360
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB	39.4	11.1	8	130.2	\$357

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Averages =	<b>40.3</b>	<b>11.6</b>	<b>6</b>	<b>132.4</b>	<b>\$365</b>
LSD (0.10) =	3.0	0.2	3		
LSD (0.25) =	2.1	0.1	2		
C.V. =	6.3			Prev. years avg. yield, 45.0 bu/a, 4 yrs	

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

**TEST COMMENTS:** *We planted into ideal soil conditions and obtained a good uniform stand. The early growing season was a bit dry, but received adequate rainfall during the month of August. Overall, this was one of the better test sites harvested so far. No impact from iron chlorosis or any disease was observed. Minimal lodging was noted throughout whole 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: 10/03/2016 Revised:

**2016 Soybean - North Dakota East Central [ NDEC ]**

**All-Season Test Products (48 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG0134 §	RR2Y	0.1	S	ACi
Asgrow	AG0434 §	RR2Y	0.4	S	ACi
Asgrow	AG0536 §	RR2Y	0.5	R	ACi
Dairyland	DSR-0225/R2Y	RR2Y	0.2	S	CMB
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB
Dairyland	DSR-0619/R2Y	RR2Y	0.6	R	CMB
Dyna-Gro	S03RY36	RR2Y	0.3	S	CMB
Dyna-Gro	S06RY47	RR2Y	0.6	R	CMB
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB
Hefty	H02X7	RRX	0.2	S	ACi
Hefty	H03X7	RRX	0.3	MR	DST
Hefty	H05X7	RRX	0.5	S	DST
Hefty	H05X8 §	RRX	0.5	MR	DST
Hefty	H06X7	RRX	0.6	MR	DST
Latham	E0263R2X	RRX	0.2	S	SS+
Latham	E0358R2X	RRX	0.3	R	SS+
Latham	L0152R2	RR2Y	0.1	S	SS+
Latham	L0235R2	RR2Y	0.2	S	SS+
Latham	L0324R2	RR2Y	0.3	S	SS+
Latham	L0485R2	RR2Y	0.4	R	SS+
Latham	L0685R2	RR2Y	0.6	R	SS+
Latham	L0785R2X	RRX	0.7	R	CCB,Me
Legend	LS01R656 §	RR2Y	0.1	S	None
Mustang	04X427	RRX	0.4	R	ACi
Mustang	07X727	RRX	0.7	R	ACi
NK Brand	S05-W7 §	RR2Y	0.5	S	CCB,Me
NK Brand	S06-Q9 §	RR2Y	0.6	R	CCB,Me
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me
NorthStar	NS 0111R2 §	RR2Y	0.1	S	CMBV
Pioneer	90Y80 §	RR	0.8	S	EE,G,IL
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G
Pioneer	P06T28R §	RR	0.6	S	EE,G,IL
Prairie Brand	PB-0397R2	RR2Y	0.3	S	CCB,In
Prairie Brand	PB-0676R2	RR2Y	0.6	R	CCB,In
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CCB,In
Proseed	50-60N	RR2Y	0.6	R	CMBV
Proseed	XT604	RRX	0.4	R	CMBV
REA	64G94	RR2Y	0.4	R	ACi
REA	66G14	RR2Y	0.6	R	ACi
Renk	RS033R2	RR2Y	0.3	S	CMB
Renk	RS047NX	RRX	0.4	R	CMB
Stine	03RD66 §	RR2Y	0.3	S	SFI
Stine	05RH26 §	RR2Y	0.5	R	SFI
Thunder	3503R2Y	RR2Y	0.3	S	CMB
Thunder	3505R2YN	RR2Y	0.5	R	CMB

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Thunder	3601R2Y	RR2Y	0.1	S	CMB
Thunder	3606R2YN	RR2Y	0.6	R	CMB
Wensman	W3030R2 §	RR2Y	0.2	S	None

## 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.