

2016 Soybean Top 30 Harvest Report

North Dakota East Central [NDEC] FESSENDEN
Jerome Hagemeister, Wells County, ND 58438



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

PREV. CROP/HERB: Wheat / Husky Complete
SOIL DESCRIPTION: Heimdal-Emrick loam, well drained, non-irrigated
SOIL CONDITIONS: Mod. Low P, high K, 5.9 pH, 3.3 % OM
TILLAGE/CULTIVATION: Minimum w/o fall
PEST MANAGEMENT: Roundup PowerMax
SEEDED - RATE - ROW: May 23 160,000 /A 30" Spacing
HARVESTED - STAND: Oct 6 133,700 /A

All-Season Test
Maturity Group 0.00 - 0.7
S2016NDEC03

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
Asgrow	AG0434 §	RR2Y	0.4	S	ACi	59.1	13.2	5	136.2	\$535
Renk	RS047NX	RRX	0.4	R	CMB	57.0	13.6	6	132.2	\$515
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB	56.4	13.8	3	136.2	\$510
Latham	L0485R2	RR2Y	0.4	R	SS+	55.9	13.8	5	136.2	\$505
Renk	RS033R2	RR2Y	0.3	S	CMB	55.7	13.4	1	134.2	\$504
Latham	E0358R2X	RRX	0.3	R	SS+	55.6	13.7	7	132.2	\$502
Thunder	3503R2Y	RR2Y	0.3	S	CMB	55.4	13.3	5	136.2	\$501
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	55.0	13.5	7	136.2	\$497
Prairie Brand	PB-0397R2	RR2Y	0.3	S	CCB,In	54.9	13.8	3	136.2	\$496
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CCB,In	54.9	13.9	5	136.2	\$496
Thunder	3505R2YN	RR2Y	0.5	R	CMB	54.5	13.8	5	136.2	\$492
Proseed	XT604	RRX	0.4	R	CMBV	53.3	13.7	7	136.2	\$482
Dairyland	DSR-0305/R2Y	RR2Y,ST	0.3	S	CMB	53.2	13.8	2	132.2	\$481
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G	53.2	13.5	8	130.2	\$481
Latham	L0324R2	RR2Y	0.3	S	SS+	53.1	13.7	3	132.2	\$480
Mustang	04X427	RRX	0.4	R	ACi	52.9	13.5	6	134.2	\$478
Dyna-Gro	S03RY36	RR2Y	0.3	S	CMB	52.2	13.3	3	136.2	\$472
NK Brand	S06-Q9 §	RR2Y	0.6	R	CCB,Me	52.2	13.6	5	136.2	\$472
Dairyland	DSR-0619/R2Y	RR2Y	0.6	R	CMB	52.1	13.7	6	134.2	\$471
REA	64G94	RR2Y	0.4	R	ACi	52.0	13.7	3	134.2	\$470
Stine	03RD66 §	RR2Y	0.3	S	SFI	51.5	13.6	1	134.2	\$465
Mustang	07X727	RRX	0.7	R	ACi	51.4	13.6	6	128.2	\$465
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me	51.3	13.8	4	132.2	\$463
Proseed	50-60N	RR2Y	0.6	R	CMBV	51.2	13.7	4	134.2	\$463
Hefty	H05X8 §	RRX	0.5	MR	DST	51.1	13.5	3	134.2	\$462
REA	66G14	RR2Y	0.6	R	ACi	51.1	13.8	3	130.2	\$462
NK Brand	S05-W7 §	RR2Y	0.5	S	CCB,Me	50.9	13.9	1	134.2	\$460
Hefty	H02X7	RRX	0.2	S	ACi	50.9	13.3	5	134.2	\$460
Latham	L0685R2	RR2Y	0.6	R	SS+	50.9	13.7	5	136.2	\$460
Legend	LS01R656 §	RR2Y	0.1	S	None	50.8	13.9	5	134.2	\$459

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Averages =	51.3	13.6	4	133.7	\$464
LSD (0.10) =	5.9	0.2	3		
LSD (0.25) =	4.1	0.2	2		
C.V. =	9.8			Prev. years avg. yield, 32.0 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: *At this test site, much the same as last year, the maturity group 0.5 and 0.6 varieties had the yield advantage this growing season. Our farmer cooperater this year, Jerome, said that they had multiple fields average over fifty bushels per acre. The same results can be found in the surrounding area as well.*

† 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: 10/07/2016 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.