

2016 Soybean Top 30 Harvest Report

North Dakota East Central [NDEC] LITCHVILLE

Mark Formo, Barnes County, ND 58461

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

PREV. CROP/HERB: Wheat / Axial
 SOIL DESCRIPTION: Kranzburg-Hamerly loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, high K, 5.7 pH, 4.3 % OM
 TILLAGE/CULTIVATION: Minimum w/o fall
 PEST MANAGEMENT: Authority, Roundup
 SEEDED - RATE - ROW: May 29 160,000 /A 30" Spacing
 HARVESTED - STAND: Oct 13 125,100 /A

All-Season Test
Maturity Group 0.00 - 0.7
 S2016NDEC02

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
Dyna-Gro	S07RY45	RR2Y	0.7	R	CMB	62.6	14.5	5	128.2	\$565
Prairie Brand	PB-0777R2	RR2Y	0.7	R	CCB,In	62.0	14.2	8	124.2	\$560
NK Brand	S05-W7 §	RR2Y	0.5	S	CCB,Me	58.2	14.2	5	136.2	\$525
NK Brand	S07-B6 §	RR2Y	0.7	S	CCB,Me	58.1	13.8	7	120.2	\$525
Thunder	3503R2Y	RR2Y	0.3	S	CMB	57.6	13.7	5	126.2	\$520
Thunder	3505R2YN	RR2Y	0.5	R	CMB	57.5	14.1	6	124.2	\$519
Pioneer	90Y80 §	RR	0.8	S	EE,G,IL	57.0	13.6	4	122.2	\$515
NK Brand	S06-Q9 §	RR2Y	0.6	R	CCB,Me	56.9	14.0	3	128.2	\$514
REA	66G14	RR2Y	0.6	R	ACi	56.8	13.9	7	128.2	\$513
Asgrow	AG0536 §	RR2Y	0.5	R	ACi	56.6	14.1	3	128.2	\$511
Hefty	H05X7	RRX	0.5	S	DST	56.3	14.0	6	124.2	\$508
Thunder	3601R2Y	RR2Y	0.1	S	CMB	55.5	14.0	21	132.2	\$501
Latham	L0485R2	RR2Y	0.4	R	SS+	55.4	14.2	6	128.2	\$500
Latham	L0685R2	RR2Y	0.6	R	SS+	55.1	14.0	3	124.2	\$498
Dyna-Gro	S06RY47	RR2Y	0.6	R	CMB	54.2	13.9	3	124.2	\$490
Asgrow	AG0434 §	RR2Y	0.4	S	ACi	54.1	13.7	16	130.2	\$489
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	54.1	14.2	15	132.2	\$488
Dyna-Gro	S03RY36	RR2Y	0.3	S	CMB	54.0	13.9	7	122.2	\$488
Mustang	07X727	RRX	0.7	R	ACi	53.9	13.8	11	124.2	\$487
Legend	LS01R656 §	RR2Y	0.1	S	None	53.9	13.8	15	130.2	\$487
Thunder	3606R2YN	RR2Y	0.6	R	CMB	53.7	13.9	4	124.2	\$485
Prairie Brand	PB-0676R2	RR2Y	0.6	R	CCB,In	53.7	13.8	6	122.2	\$485
Stine	05RH26 §	RR2Y	0.5	R	SFI	53.7	14.0	6	124.2	\$485
Stine	03RD66 §	RR2Y	0.3	S	SFI	53.6	13.7	1	126.2	\$484
Dairyland	DSR-0619/R2Y	RR2Y	0.6	R	CMB	53.3	13.7	4	124.2	\$482
Proseed	50-60N	RR2Y	0.6	R	CMBV	53.0	13.8	5	128.2	\$479
Pioneer	P03T68R2 §	RR2Y	0.3	MR	EE,G	52.3	13.8	16	116.2	\$472
Wensman	W3030R2 §	RR2Y	0.2	S	None	51.9	13.7	6	126.2	\$469
NorthStar	NS 0111R2 §	RR2Y	0.1	S	CMBV	51.9	14.0	8	130.2	\$469
Latham	L0324R2	RR2Y	0.3	S	SS+	51.9	14.0	9	124.2	\$469

Averages = **53.2** **13.9** **8** **125.1** **\$481**

Kevin Coey

LSD (0.10) = 4.9 0.2 7

Kevin Coey

LSD (0.25) = 3.4 0.2 5

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C.V. = 7.9 Prev. years avg. yield, 35.5 bu/a, 3 yrs

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 plot was located on the upper portion of a gradual slope. Drainage was equally distributed throughout the plot. There was minimal lodging throughout the test, with the exception of a few taller varieties. Local yields were in line with the plot averages.*

† 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: 10/13/2016 Revised:

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All-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG0134 §	RR2Y	0.1	S	ACi	Thunder	3601R2Y	RR2Y	0.1	S	CMB
Asgrow	AG0434 §	RR2Y	0.4	S	ACi	Thunder	3606R2YN	RR2Y	0.6	R	CMB
Asgrow	AG0536 §	RR2Y	0.5	R	ACi	Wensman	W3030R2 §	RR2Y	0.2	S	None
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						

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.