

**2016 Soybean Top 30 Harvest Report**  
 Iowa North [ IANO ] NEW HAMPTON  
 Mark Bruening, Chickasaw County, IA 50659



PREV. CROP/HERB: Corn / Halex GT, Lumax  
 SOIL DESCRIPTION: Clyde clay loam, well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.8 pH, 4.5 % OM  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Fierce, Roundup, Quilt Xcel, Hero  
 SEEDED - RATE - ROW: May 17 155,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 14 146,700 /A

**Early-Season Test**  
**Maturity Group 1.8 - 2.1**  
 S2016IANO04a

**Top 30 of 54**  
 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	L2084R2	RR2Y	2.0	R	CCB,Me	<b>75.3</b>	13.6	0	146.4	\$658	
Steyer	2102R2	RR2Y	2.1	MR	SStd	<b>73.2</b>	13.6	0	142.9	\$640	
Stine	19RF32 §	RR2Y	1.9	R	SFI	<b>72.9</b>	13.5	0	146.4	\$637	
Pfister	19R24	RR2Y	1.9	R	CCB	<b>72.9</b>	13.7	0	148.1	\$637	
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	<b>72.9</b>	13.7	0	146.4	\$637	
Renk	RS213NR2	RR2Y	2.1	R	CMBV	<b>72.4</b>	13.6	0	148.1	\$633	
Channel	2108R2	RR2Y	2.1	R	ACi	<b>72.4</b>	13.9	0	146.4	\$632	
Stine	20RD20 §	RR2Y	2.0	R	SFI	<b>72.3</b>	13.7	0	146.4	\$632	
Champion	19R85N	RR2Y	1.9	R	AC,PV	<b>71.7</b>	13.4	0	144.7	\$627	
Cornelius	CB20R44	RR2Y	2.0	R	CMBV,IL	<b>71.7</b>	13.6	0	146.4	\$627	
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In	<b>71.7</b>	13.6	0	148.1	\$627	
Pfister	21R203	RR2Y	2.1	R	CCB	<b>71.2</b>	13.7	0	148.1	\$622	
NorthStar	NS 2031NR2	RR2Y	2.0	R	CMBV	<b>71.2</b>	13.8	0	144.7	\$622	
Kruger	K2-2103	RR2Y	2.1	R	ACi	<b>71.2</b>	13.8	0	148.1	\$622	
Champion	20R35N	RR2Y	2.0	R	AC,PV	<b>70.5</b>	13.7	0	144.7	\$616	
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	<b>70.4</b>	13.5	0	148.1	\$615	
Pfister	18R201	RR2Y	1.8	R	CCB	<b>70.3</b>	12.9	0	146.4	\$615	
LG Seeds	C1870R2	RR2Y	1.8	R	CCB	69.4	13.2	0	142.9	\$607	
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CCB,In	69.2	13.6	0	146.4	\$605	
Pfister	21R205	RR2Y	2.1	R	CCB	68.5	13.5	0	149.8	\$599	
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me	67.4	13.4	0	148.1	\$589	
Cornelius	CB19R71	RR2Y	1.9	R	CMBV,IL	67.0	13.6	0	148.1	\$585	
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In	67.0	13.6	0	144.7	\$585	
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB	66.6	13.8	0	148.1	\$582	
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB	65.7	14.0	0	146.4	\$574	
NorthStar	NS 1916NR2	RR2Y	2.0	R	CMBV	65.5	13.4	0	146.4	\$573	
Titan Pro	TP-21X46	RRX	2.1	R	None	65.0	13.2	0	144.7	\$568	
Hefty	H20X7	RRX	2.0	MR	DST	64.9	12.8	0	144.7	\$568	
FS HiSoy	HS 19A50	RR2Y	1.9	R	ACi,CI	64.9	12.9	0	148.1	\$568	
Steyer	2103XR	RRX	2.1	MR	SStd	64.9	12.9	0	149.8	\$568	
Croplan	R2C2200 CK	RR2Y	2.2	R	WCX	66.6	13.7	0	148.1	\$582	
						Averages =	<b>66.1</b>	<b>13.5</b>	<b>0</b>	<b>146.7</b>	<b>\$578</b>
						LSD (0.10) =	4.2	0.7	ns		
						LSD (0.25) =	2.9	0.5	ns		
						C.V. =	4.7				

*Corey Rozenboom*

Corey Rozenboom  
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Prev. years avg. yield, 53.5 bu/a, 14 yrs

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.75 GMO; \$8.75 non-GMO

**TEST COMMENTS:** *Wet early spring weather delayed planting here but much of the remainder of the season received consistent rain that provided good conditions during flowering and seed fill. Reports of sudden death syndrome (SDS) were common in the area but did not infect the test site. Fungicide and insecticide were applied at R5. Plant heights for most varieties at harvest were tall by lodging was not an issue.*

† 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: 10/16/2016 Revised:

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 SOIL DESCRIPTION: Clyde clay loam, well drained, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.8 pH, 4.5 % OM  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Fierce, Roundup, Quilt Xcel, Hero  
 SEEDED - RATE - ROW: May 17 155,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 14 145,900 /A

**Full-Season Test**  
**Maturity Group 2.2 - 2.5**  
 S2016IANO04b

**Top 30 of 36**  
 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
Renk	RS246NR2	RR2Y	2.4	R	CMBV	<b>72.0</b>	13.4	0	148.1	\$629
Croplan	R2C2450 §	RR2Y	2.4	R	WCX	<b>71.7</b>	13.5	0	141.2	\$627
Federal	F247NRR2Y GC	RR2Y	2.4	R	MAG	<b>69.4</b>	13.6	0	146.4	\$606
Latham	L2482R2	RR2Y	2.4	R	CCB,Me	<b>69.2</b>	13.4	0	142.9	\$605
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	<b>69.2</b>	13.5	0	142.9	\$605
FS HiSoy	HS 23A42	RR2Y	2.3	R	ACi	<b>69.0</b>	13.8	0	148.1	\$603
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	<b>68.9</b>	13.3	0	149.8	\$602
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	<b>68.9</b>	13.5	0	146.4	\$602
Pfister	24R201	RR2Y	2.4	R	CCB	<b>68.9</b>	13.5	0	146.4	\$602
Stine	24RH62 §	RR2Y	2.4	R	SFI	<b>68.8</b>	13.5	0	142.9	\$601
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	<b>68.7</b>	13.7	0	148.1	\$600
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	68.4	13.4	0	146.4	\$598
Channel	2306R2	RR2Y	2.3	R	ACi	68.1	13.2	3	146.4	\$596
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	67.8	13.3	0	146.4	\$593
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV	67.5	13.8	0	146.4	\$590
Channel	2416R2X §	RRX	2.4	R	ACi	66.5	13.1	0	146.4	\$582
Hefty	H24X6	RRX	2.4	MR	DST	66.3	13.3	1	144.7	\$580
Latham	L2348R2X	RRX	2.3	R	CCB,Me	66.1	13.5	0	144.7	\$578
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL	66.0	13.4	3	144.7	\$577
Cornelius	CB23X45	RRX	2.3	R	ACi	65.9	13.5	0	146.4	\$576
Titan Pro	TP-23X76	RRX	2.3	R	IS	65.6	13.3	0	142.9	\$574
Federal	F2170NR2X GC	RRX	2.1	R	MAG	65.4	12.9	3	149.8	\$572
Hefty	H25X7	RRX	2.5	MR	DST	65.1	14.0	0	146.4	\$568
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	64.8	13.6	5	146.4	\$566
Pioneer	P25T51R §	RR	2.5	R	EE,G	64.3	13.5	0	144.7	\$562
NK Brand	S25-L9 §	RR2Y	2.5	R	CCB,Me	62.5	14.3	0	146.4	\$545
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G	62.3	14.0	0	142.9	\$544
Hefty	H23X7	RRX	2.3	S	DST	61.9	13.1	0	142.9	\$542
Asgrow	AG24X7 §	RRX	2.4	R	ACi	61.9	13.0	3	146.4	\$542
NorthStar	NS 62332N XR2	RRX	2.3	R	CMBV	60.9	13.8	0	146.4	\$532
Croplan	R2C2200 CK	RR2Y	2.2	R	WCX	<b>69.2</b>	14.2	0	146.4	\$604

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Averages =	<b>65.1</b>	<b>13.6</b>	<b>1</b>	<b>145.9</b>	<b>\$569</b>
LSD (0.10) =	3.6	ns	ns		
LSD (0.25) =	2.5	ns	ns		
C.V. =	4.0			Prev. years avg. yield, 53.5 bu/a, 14 yrs	

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 Report Date: 10/16/2016 Revised:

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## 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.