

2017 Soybean Top 30 Harvest Report
 Iowa North [IANO] NEW HAMPTON
 Mark Bruening, Chickasaw County, IA 50659



PREV. CROP/HERB: Corn / Acuron, Halex GT
 SOIL DESCRIPTION: Readlyn loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Very high P, very high K, 6.5 pH, 4.3% OM, 19.0 CEC
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Fierce, Roundup, Outlook
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 26 140,300 /A 30" Spacing
 HARVESTED - STAND: Oct 18 126,000 /A

Early-Season Test
Maturity Group 1.7 - 2.1
 S2017IANO04a

Top 30 of 54

For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H18X8	RRX	1.8	R	57.7	12.7	0	129.7	\$519	1
Cornelius	CB18X80	RRX	1.8	R	57.3	12.6	0	129.2	\$516	2
Golden Harvest	GH1915X	RRX	1.9	R	57.2	12.7	0	129.2	\$515	3
Champion	21X77N	RRX	2.1	R	56.8	12.8	0	125.3	\$511	4
Latham	L1845R2X	RRX	1.8	MR	56.2	12.6	0	126.0	\$506	6
LG Seeds	C1838RX	RRX	1.8	R	56.1	12.7	0	120.5	\$505	7
Champion	20X98N	RRX	2.0	R	55.8	12.6	0	129.4	\$502	8
Latham	L2184R2X	RRX	2.1	R	55.5	12.7	0	126.4	\$500	9
Asgrow	AG20X7 §	RRX	2.0	R	55.2	12.9	0	130.8	\$497	10
Cornelius	CB19R71	RR2Y	1.9	R	54.8	12.9	0	130.3	\$493	11
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	54.6	12.9	0	119.7	\$491	12
Prairie Brand	PB-1947R2	RR2Y	1.9	R	54.6	13.0	0	126.7	\$491	13
FS HiSoy	HS 18X70	RRX	1.8	R	54.3	12.6	0	122.4	\$489	14
Legend	LS 21X705N	RRX	2.1	R	54.0	12.8	0	125.5	\$486	15
Legend	LS 20X746N	RRX	2.0	R	53.9	12.6	0	123.0	\$485	16
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	53.9	12.6	0	126.6	\$485	17
Hefty	H20X7	RRX	2.0	R	53.9	12.9	0	130.2	\$485	18
Asgrow	AG21X7 §	RRX	2.1	R	53.8	12.9	0	129.1	\$484	19
NK Brand	S20-T6 §	RR2Y	2.0	MR	53.7	12.6	0	130.2	\$483	20
Renk	RS195NR2	RR2Y	1.9	R	53.3	12.7	0	130.8	\$480	21
Stine	19RF32 §	RR2Y	1.9	R	53.3	12.8	0	124.9	\$480	22
Titan Pro	TP-20R25	RR2Y	2.0	R	53.3	13.1	0	125.5	\$480	23
Latham	L2084R2	RR2Y	2.0	R	53.2	12.6	0	126.6	\$479	24
Cornelius	CB20R44	RR2Y	2.0	R	53.2	12.8	0	121.4	\$479	25
Cornelius	CB20X56	RRX	2.0	R	53.1	12.7	0	127.2	\$478	26
Legend	LS 17X802N	RRX	1.7	R	53.1	12.9	0	119.6	\$478	27
LG Seeds	C1870R2	RR2Y	1.8	R	53.0	12.7	0	120.3	\$477	28
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	52.9	12.7	0	128.6	\$476	29
Kruger	K2X-2052	RRX	2.0	R	52.9	12.8	0	124.2	\$476	30
Kruger	K2X-1862	RRX	1.8	R	52.8	13.0	0	127.2	\$475	31
Croplan	R2C2200 CK	RR2Y	2.2	R	56.7	12.7	0	128.9	\$510	5

Corey Rozenboom

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Averages = **53.3** **12.8** **0** **126.0** **\$480**
 LSD (0.10) = 2.2 0.2 ns
 LSD (0.25) = 1.2 0.1 ns
 C.V. = 3.9

Prev. years avg. yield, 53.4 bu/a, 15 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *There were pronounced plant height differences between varieties ranging from 32" to 44". Extended dry periods during flowering reduced pod set as well as seeds per pod. Flat pods near the tops of plants were common. Scattered plants affected by white mold were present as well. Largest rain events were 3.9" June 21-22, 2.8" June 27-29, followed by 5.6" July 19-21.*

† 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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 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Fierce, Roundup, Outlook
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 26 140,300 /A 30" Spacing
 HARVESTED - STAND: Oct 18 128,400 /A

Full-Season Test
Maturity Group 2.2 - 2.5
 S2017IANO04b

Top 30 of 42
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Cornelius	CB24X64	RRX	2.4	R	58.2	12.7	0	132.8	\$524	1
Titan Pro	TP-24R26	RR2Y	2.4	R	58.0	12.7	0	126.9	\$522	3
LG Seeds	C2441R2	RR2Y	2.4	R	57.9	12.8	0	128.3	\$521	4
Hefty	H24X8	RRX	2.4	R	57.8	12.8	0	130.0	\$520	5
Renk	RS246NR2	RR2Y	2.4	R	57.3	12.7	0	127.7	\$516	6
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	57.0	12.9	0	127.4	\$513	7
Hefty	H22X8	RRX	2.2	R	56.9	12.7	0	126.6	\$512	8
NorthStar	NS 62323NX2	RRX	2.3	R	56.7	12.8	0	129.2	\$510	9
Cornelius	CB22X73	RRX	2.2	R	56.6	12.7	0	126.9	\$509	10
LG Seeds	C2201RX	RRX	2.2	R	56.5	12.8	0	125.2	\$509	11
Latham	L2458EXGT	BG	2.4	R	56.1	12.8	0	126.9	\$505	12
Prairie Brand	PB-2486R2	RR2Y	2.4	R	56.1	12.8	0	128.8	\$505	13
Cornelius	CB24R82	RR2Y	2.4	R	56.0	12.8	0	128.1	\$504	14
Pfister	24R201	RR2Y	2.4	R	56.0	12.9	0	131.1	\$504	15
FS HiSoy	HS 24X70	RRX	2.4	R	55.7	12.7	0	130.2	\$501	16
LG Seeds	C2255R2	RR2Y	2.2	R	55.7	12.8	0	126.1	\$501	17
Stine	24RH62 §	RR2Y	2.4	R	55.4	12.8	0	124.6	\$499	18
FS HiSoy	HS 25X70	RRX	2.5	R	55.3	12.8	0	130.9	\$498	19
Golden Harvest	GH2537X §	RRX	2.5	R	55.2	13.2	0	128.3	\$497	20
Cornelius	CB22R88	RR2Y	2.2	R	55.0	12.7	0	127.5	\$495	21
Prairie Brand	PB-2228R2	RR2Y	2.2	R	54.7	12.8	0	126.3	\$492	22
FS HiSoy	HS 23A42	RR2Y	2.3	R	54.6	12.6	0	126.7	\$491	23
Latham	L2482R2	RR2Y	2.4	R	54.6	13.3	0	126.1	\$491	24
Latham	L2368R2X	RRX	2.3	R	54.0	13.2	0	126.1	\$486	25
Champion	22R38N	RR2Y	2.2	R	53.9	12.7	0	124.7	\$485	26
Kruger	K2X-2261	RRX	2.2	R	53.8	12.8	0	128.8	\$484	27
NorthStar	NS 2362NR2	RR2Y	2.3	R	53.5	12.7	0	128.1	\$482	28
Champion	22R07N	RR2Y	2.2	R	53.5	12.8	0	127.7	\$482	29
Pioneer	P25T51R §	RR	2.5	R	53.5	13.0	0	134.2	\$482	30
Pioneer	P22T41R2 §	RR2Y	2.2	R	53.4	12.9	0	128.6	\$481	31
Croplan	R2C2200 CK	RR2Y	2.2	R	58.1	12.6	0	128.5	\$523	2

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Averages = **54.8** **12.8** **0** **128.4** **\$493**
 LSD (0.10) = 1.9 0.2 ns
 LSD (0.25) = 1.0 0.1 ns
 C.V. = 3.3

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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 Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	information unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaucha [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.