

2017 Soybean Top 30 Performance Summary for Iowa North [IANO]



Early-Season Test

Maturity Group 1.7 - 2.1

S2017IANOa

Top 30 of 54

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Algona		New Hampton	
										\$/Acre	Rank	Emmetsburg	Osage		
Hefty	H18X8	RRX	1.8	R	58.9	33.8	19.0	13.3	1	\$522	1	61.5	58.9	58.0	53.7
Kruger	K2X-1862	RRX	1.8	R	58.1	34.1	18.4	13.4	1	\$515	2	60.0	58.9	57.0	53.1
Champion	20X98N	RRX	2.0	R	57.9	33.9	18.3	13.4	1	\$515	3	60.9	59.3	56.1	52.8
Cornelius	CB18X80	RRX	1.8	R	57.8	34.3	18.8	13.4	1	\$514	4	59.8	58.2	57.3	53.4
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	57.7	33.4	19.4	13.4	1	\$513	5	59.4	58.3	58.2	52.0
LG Seeds	C1838RX	RRX	1.8	R	57.5	34.5	19.0	13.4	1	\$512	6	60.4	58.5	56.0	52.6
Legend	LS 20X746N	RRX	2.0	R	57.4	34.4	18.9	13.4	1	\$511	7	60.0	58.5	56.0	52.6
Becks	185R2	RR2Y	1.8	R	57.2	34.0	18.4	13.5	1	\$511	8	58.4	59.0	57.8	52.1
Latham	L1748R2	RR2Y	1.7	R	57.1	35.4	18.4	13.6	1	\$509	9	60.2	58.4	55.4	52.5
Cornelius	CB20X56	RRX	2.0	R	57.0	34.1	18.7	14.0	1	\$508	10	62.3	59.6	54.0	50.5
Channel	1917R2X	RRX	1.9	R	56.9	34.9	18.7	13.3	1	\$507	12	65.4	57.4	52.9	49.8
Kruger	K2X-2152	RRX	2.1	MR	56.9	34.1	18.4	13.4	1	\$507	13	57.4	59.3	55.3	53.6
Champion	21X77N	RRX	2.1	R	56.9	35.0	19.0	13.5	1	\$507	14	63.0	58.2	52.8	51.6
NK Brand	S20-T6 §	RR2Y	2.0	MR	56.8	34.8	18.9	13.3	1	\$503	15	59.6	55.8	56.9	51.3
Latham	L1845R2X	RRX	1.8	MR	56.8	35.6	18.3	13.4	1	\$502	16	59.4	57.0	54.7	52.0
Latham	L2184R2X	RRX	2.1	R	56.8	34.7	19.1	13.5	1	\$502	17	58.9	56.3	53.5	54.4
Channel	2017R2X	RRX	2.0	MR	56.8	34.2	18.6	13.5	1	\$502	18	57.8	58.9	53.9	52.7
Asgrow	AG20X7 §	RRX	2.0	R	56.8	34.1	18.5	13.5	1	\$500	19	56.5	57.4	53.4	55.1
Golden Harvest	GH1915X	RRX	1.9	R	56.6	34.6	19.0	13.3	1	\$499	20	58.5	54.5	56.6	52.2
Titan Pro	TP-18X97	RRX	1.8	MR	56.6	34.8	19.1	13.6	1	\$497	21	60.1	54.2	53.5	53.3
Latham	L2084R2	RR2Y	2.0	R	56.5	34.5	18.8	13.3	1	\$496	22	56.5	54.7	55.7	53.6
Champion	20R35N	RR2Y	2.0	R	56.5	35.0	18.6	13.4	1	\$495	23	58.0	54.4	56.5	51.6
Hefty	H20X7	RRX	2.0	R	56.5	34.1	18.3	13.4	1	\$495	24	58.1	56.9	52.9	52.0
Legend	LS 17X802N	RRX	1.7	R	56.4	35.1	18.5	14.1	1	\$494	25	59.2	56.2	55.2	49.2
Renk	RS207NX	RRX	2.0	R	56.2	35.3	18.4	13.3	1	\$492	26	56.2	60.7	52.0	49.8
Prairie Brand	PB-2197R2	RR2Y	2.1	R	55.9	34.8	18.7	13.9	1	\$491	27	60.6	55.2	54.6	48.5
Kruger	K2X-2052	RRX	2.0	R	55.9	33.9	18.6	13.3	1	\$490	28	59.2	54.5	54.6	49.8
Cornelius	CB20R44	RR2Y	2.0	R	55.6	34.6	18.9	13.4	1	\$490	29	51.4	53.5	57.9	55.1
Titan Pro	TP-21X46	RRX	2.1	R	55.5	35.4	18.5	13.5	1	\$490	30	57.2	55.1	56.1	49.5
Cornelius	CB19R71	RR2Y	1.9	R	55.5	34.3	18.3	13.5	1	\$489	31	59.4	55.8	50.7	51.6
Croplan	R2C2200 CK	RR2Y	2.2	R	56.2	34.2	18.9	13.3	1	\$508	11	60.1	57.0	58.1	50.6

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Averages =	55.8	34.7	18.5	13.5	1	\$497	58.4	56.5	54.8	51.4
LSD (0.10) =	1.2	0.3	0.2	0.3	ns		2.5	2.2	1.9	1.6
LSD (0.25) =	0.6	0.2	0.1	0.2	ns		1.3	1.2	1.0	0.8

Previous years average yield for region, 54.7 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

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). ns = not significantly different; ‡ = 2 reps.

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Report Date: 10/19/2017 Revised: 11/27/2017 Protein and oil content results added

2017 Soybean Top 30 Performance Summary for Iowa North [IANO]



Full-Season Test

Maturity Group 2.2 - 2.5

S2017IANOb

Top 30 of 42

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A ↓	Protein %	Oil %	Moisture %	Lodging %	Gross Income		Algona		New Hampton	
										\$/Acre	Rank	Emmetsburg	Osage		
Titan Pro	TP-24R26	RR2Y	2.4	R	58.0	34.7	19.0	13.3	1	\$522	1	61.5	53.7	58.9	58.0
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	57.3	34.1	19.0	13.4	1	\$515	2	60.0	53.1	58.9	57.0
Prairie Brand	PB-2486R2	RR2Y	2.4	R	57.3	34.6	19.1	13.4	1	\$515	3	60.9	52.8	59.3	56.1
Renk	RS246NR2	RR2Y	2.4	R	57.2	34.1	19.1	13.4	1	\$514	4	59.8	53.4	58.2	57.3
Cornelius	CB24X64	RRX	2.4	R	57.0	34.0	19.0	13.4	1	\$513	5	59.4	52.0	58.3	58.2
Cornelius	CB24R82	RR2Y	2.4	R	56.9	33.5	19.4	13.4	1	\$512	6	60.4	52.6	58.5	56.0
Pfister	24R201	RR2Y	2.4	R	56.8	34.2	18.7	13.4	1	\$511	7	60.0	52.6	58.5	56.0
Hefty	H24X8	RRX	2.4	R	56.8	34.4	19.2	13.5	1	\$511	8	58.4	52.1	59.0	57.8
Stine	24RH62 §	RR2Y	2.4	R	56.6	34.0	18.8	13.6	1	\$509	9	60.2	52.5	58.4	55.4
Latham	L2368R2X	RRX	2.3	R	56.6	34.5	19.1	14.0	1	\$508	10	62.3	50.5	59.6	54.0
FS HiSoy	HS 23X70	RRX	2.3	R	56.4	33.9	19.0	13.3	1	\$507	12	65.4	49.8	57.4	52.9
FS HiSoy	HS 25X70	RRX	2.5	R	56.4	34.2	18.5	13.4	1	\$507	13	57.4	53.6	59.3	55.3
Latham	L2228R2	RR2Y	2.2	R	56.4	34.4	19.3	13.5	1	\$507	14	63.0	51.6	58.2	52.8
Hefty	H22X8	RRX	2.2	R	55.9	33.9	19.2	13.3	1	\$503	15	59.6	51.3	55.8	56.9
Prairie Brand	PB-2228R2	RR2Y	2.2	R	55.8	34.4	19.2	13.4	1	\$502	16	59.4	52.0	57.0	54.7
Champion	22R07N	RR2Y	2.2	R	55.8	34.6	19.2	13.5	1	\$502	17	58.9	54.4	56.3	53.5
Champion	22R38N	RR2Y	2.2	R	55.8	34.0	19.5	13.5	1	\$502	18	57.8	52.7	58.9	53.9
Pioneer	P22T41R2 §	RR2Y	2.2	R	55.6	34.0	19.0	13.5	1	\$500	19	56.5	55.1	57.4	53.4
Cornelius	CB22X73	RRX	2.2	R	55.5	33.8	18.6	13.3	1	\$499	20	58.5	52.2	54.5	56.6
Pioneer	P25T51R §	RR	2.5	R	55.3	34.8	19.2	13.6	1	\$497	21	60.1	53.3	54.2	53.5
FS HiSoy	HS 24X70	RRX	2.4	R	55.1	34.2	19.2	13.3	1	\$496	22	56.5	53.6	54.7	55.7
LG Seeds	C2201RX	RRX	2.2	R	55.1	34.6	19.0	13.4	1	\$495	23	58.0	51.6	54.4	56.5
Hefty	H25X8	RRX	2.5	R	55.0	34.5	19.2	13.4	1	\$495	24	58.1	52.0	56.9	52.9
Golden Harvest	GH2537X §	RRX	2.5	R	55.0	34.7	19.0	14.1	1	\$494	25	59.2	49.2	56.2	55.2
Renk	RS248NX	RRX	2.4	R	54.7	33.8	19.1	13.3	1	\$492	26	56.2	49.8	60.7	52.0
Latham	L2482R2	RR2Y	2.4	R	54.7	34.2	19.2	13.9	1	\$491	27	60.6	48.5	55.2	54.6
FS HiSoy	HS 23A42	RR2Y	2.3	R	54.5	33.9	19.1	13.3	1	\$490	28	59.2	49.8	54.5	54.6
LG Seeds	C2441R2	RR2Y	2.4	R	54.5	34.1	19.3	13.4	1	\$490	29	51.4	55.1	53.5	57.9
Latham	L2458EXGT	BG	2.4	R	54.5	34.7	19.1	13.5	1	\$490	30	57.2	49.5	55.1	56.1
Champion	23X78N	RRX	2.3	R	54.4	34.8	19.1	13.5	1	\$489	31	59.4	51.6	55.8	50.7
Croplan	R2C2200 CK	RR2Y	2.2	R	56.5	34.0	19.1	13.3	1	\$508	11	60.1	50.6	57.0	58.1

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Averages =	55.3	34.2	19.1	13.5	1	\$497	58.4	51.4	56.5	54.8
LSD (0.10) =	1.1	0.4	0.2	0.3	ns		2.5	1.6	2.2	1.9
LSD (0.25) =	0.6	0.2	0.1	0.2	ns		1.3	0.8	1.2	1.0

Previous years average yield for region, 54.7 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

† See last page for additional information. Dark shaded row identifies the check product found in early- and full-season tests. **Bold** results are significantly above test average by LSD (0.10). ns = not significantly different; ‡ = 2 reps.

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Report Date: 10/19/2017 Revised: 11/27/2017 Protein and oil content results added

2017 Soybean - Iowa North [IANO]



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG17X8 §	RRX	1.7	R	ACi
Asgrow	AG20X7 §	RRX	2.0	R	ACi
Asgrow	AG21X7 §	RRX	2.1	R	ACi
Becks	185R2	RR2Y	1.8	R	Es,IL
Champion	18R37N	RR2Y	1.9	R	EL
Champion	20R35N	RR2Y	2.0	R	EL
Champion	20X98N	RRX	2.0	R	EL
Champion	21X77N	RRX	2.1	R	EL
Channel	1917R2X	RRX	1.9	R	ACi
Channel	2017R2X	RRX	2.0	MR	ACi
Cornelius	CB18X80	RRX	1.8	R	PG+
Cornelius	CB19R71	RR2Y	1.9	R	PG+
Cornelius	CB20R44	RR2Y	2.0	R	PG+
Cornelius	CB20X56	RRX	2.0	R	PG+
Croplan	R2C2200 CK	RR2Y	2.2	R	W,IL
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	CMB
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB
FS HiSoy	HS 18X70	RRX	1.8	R	ACi, IL
FS HiSoy	HS 21X70	RRX	2.1	R	ACi, IL
Golden Harvest	GH1852X §	RRX	1.8	R	CCB,Me
Golden Harvest	GH1915X	RRX	1.9	R	CCB,Me
Golden Harvest	GH2041X	RRX	2.0	R	CCB,Me
Hefty	H18X8	RRX	1.8	R	DST
Hefty	H20X7	RRX	2.0	R	DST
Kruger	K2X-1862	RRX	1.8	R	ACi
Kruger	K2X-2052	RRX	2.0	R	ACi
Kruger	K2X-2152	RRX	2.1	MR	ACi
Latham	L1748R2	RR2Y	1.7	R	SS+
Latham	L1845R2X	RRX	1.8	MR	SS+
Latham	L2084R2	RR2Y	2.0	R	CCB,Me
Latham	L2184R2X	RRX	2.1	R	CCB,Me
Legend	LS 17X802N	RRX	1.7	R	YPP
Legend	LS 20X746N	RRX	2.0	R	YPP
Legend	LS 21X705N	RRX	2.1	R	YPP
LG Seeds	C1838RX	RRX	1.8	R	ASfi,IL
LG Seeds	C1870R2	RR2Y	1.8	R	ASfi,IL
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me
NorthStar	NS 2031NR2	RR2Y	2.0	R	CCB
NorthStar	NS 62002N XR2	RRX	2.0	R	CCB
Pfister	20R23	RR2Y	2.0	R	CCB
Pfister	21R205	RR2Y	2.1	R	CCB

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CMB
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CMB
Renk	RS188NX	RRX	1.8	R	AM,IL
Renk	RS195NR2	RR2Y	1.9	R	EcTC
Renk	RS207NX	RRX	2.0	R	EcTC
Renk	RS213NR2	RR2Y	2.1	R	EcTC
Stine	19RF32 §	RR2Y	1.9	R	SFI
Stine	20RD20 §	RR2Y	2.0	R	SFI
Titan Pro	TP-18X97	RRX	1.8	MR	IS,IL
Titan Pro	TP-20R25	RR2Y	2.0	R	IS,IL
Titan Pro	TP-20X57	RRX	2.0	MR	IS,IL
Titan Pro	TP-21X46	RRX	2.1	R	IS,IL

2017 Soybean - Iowa North [IANO]



Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Champion	22R07N	RR2Y	2.2	R	EL
Champion	22R38N	RR2Y	2.2	R	EL
Champion	23X78N	RRX	2.3	R	ELV
Champion	24R87N	RR2Y	2.4	R	EL
Cornelius	CB22R88	RR2Y	2.2	R	PG+
Cornelius	CB22X73	RRX	2.2	R	PG+
Cornelius	CB24R82	RR2Y	2.4	R	PG+
Cornelius	CB24X64	RRX	2.4	R	PG+
Croplan	R2C2200 CK	RR2Y	2.2	R	W,IL
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB
Federal	F2480NR2X	RRX	2.4	R	MAG
FS HiSoy	HS 23A42	RR2Y	2.3	R	ACi, IL
FS HiSoy	HS 23X70	RRX	2.3	R	ACi, IL
FS HiSoy	HS 24X70	RRX	2.4	R	ACi, IL
FS HiSoy	HS 25X70	RRX	2.5	R	ACi, IL
Golden Harvest	GH2537X §	RRX	2.5	R	CCB,Me
Hefty	H22X8	RRX	2.2	R	DST
Hefty	H23X8	RRX	2.3	S	DST
Hefty	H24X8	RRX	2.4	R	DST
Hefty	H25X8	RRX	2.5	R	DST
Kruger	K2X-2261	RRX	2.2	R	ACi
Latham	L2228R2	RR2Y	2.2	R	CCB,Me
Latham	L2368R2X	RRX	2.3	R	CCB,Me
Latham	L2458EXGT	BG	2.4	R	SS+
Latham	L2482R2	RR2Y	2.4	R	SS+
LG Seeds	C2201RX	RRX	2.2	R	ASfi,IL
LG Seeds	C2255R2	RR2Y	2.2	R	ASfi,IL
LG Seeds	C2441R2	RR2Y	2.4	R	ASfi,IL
NorthStar	NS 2362NR2	RR2Y	2.3	R	CCB
NorthStar	NS 62323NX2	RRX	2.3	R	CCB
Pfister	24R201	RR2Y	2.4	R	CCB
Pioneer	P22T41R2 §	RR2Y	2.2	R	None
Pioneer	P22T73R §	RR	2.2	R	EE,G,IL
Pioneer	P25T51R §	RR	2.5	R	EE,G
Prairie Brand	PB-2228R2	RR2Y	2.2	R	CMB
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CMB
Renk	RS228NX	RRX	2.2	R	AM,IL
Renk	RS246NR2	RR2Y	2.4	R	AM,IL
Renk	RS248NX	RRX	2.4	R	AM,IL
Stine	24RH62 §	RR2Y	2.4	R	SFI
Titan Pro	TP-24R26	RR2Y	2.4	R	IS,IL
Titan Pro	TP-24X87	RRX	2.4	MR	IS,IL

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.

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

* Seed treatments may include unspecified plant health promoting components.