

2016 Soybean Top 30 Performance Summary for Iowa North [IANO]



Early-Season Test
Maturity Group 1.8 - 2.1

S2016IANOa

Top 30 of 54
For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Algonia	Emmetsburg	New Hampton	Osage
Asgrow	AG2035 §	RR2Y	2.0	R	ACi	76.9			13.1	2	\$673	83.9	75.5	70.4	77.7
Latham	L2084R2	RR2Y	2.0	R	CCB,Me	75.7			13.2	2	\$662	81.4	72.4	75.3	73.7
Renk	RS213NR2	RR2Y	2.1	R	CMBV	75.3			12.9	1	\$659	83.2	76.0	72.4	69.5
Stine	20RD20 §	RR2Y	2.0	R	SFI	75.2			12.9	1	\$658	82.6	76.4	72.3	69.6
Cornelius	CB20R44	RR2Y	2.0	R	CMBV,IL	75.2			12.9	2	\$658	82.7	76.8	71.7	69.4
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In	74.8			13.0	2	\$655	82.7	76.1	71.7	68.5
Titan Pro	TP-21X46	RRX	2.1	R	None	73.9			12.8	2	\$647	80.8	82.0	65.0	67.8
Channel	2108R2	RR2Y	2.1	R	ACi	73.8			13.2	2	\$645	78.7	76.3	72.4	67.6
Champion	20R35N	RR2Y	2.0	R	AC,PV	73.4			13.2	2	\$642	79.6	77.5	70.5	66.0
Kruger	K2-2103	RR2Y	2.1	R	ACi	73.4			13.2	2	\$642	78.1	77.0	71.2	67.3
Pfister	21R205	RR2Y	2.1	R	CCB	73.3			12.9	2	\$641	80.4	79.5	68.5	64.6
Stine	19RF32 §	RR2Y	1.9	R	SFI	73.2			12.8	2	\$641	78.8	72.7	72.9	68.2
Hefty	H20X7	RRX	2.0	MR	DST	73.1			12.6	4	\$640	83.3	76.4	64.9	67.9
Pfister	18R201	RR2Y	1.8	R	CCB	73.0			12.7	2	\$639	79.5	72.4	70.3	69.6
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In	73.0			12.9	2	\$639	84.7	71.7	67.0	68.4
Asgrow	AG1935 §	RR2Y	1.9	R	ACi	73.0			13.2	2	\$638	74.7	78.6	72.9	65.8
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CCB,In	72.8			13.3	2	\$637	79.0	72.5	69.2	70.3
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB	72.6			13.0	1	\$635	81.5	76.0	66.6	66.1
LG Seeds	C1870R2	RR2Y	1.8	R	CCB	72.5			12.8	3	\$634	78.6	72.8	69.4	69.2
NorthStar	NS 2031NR2	RR2Y	2.0	R	CMBV	72.2			13.4	2	\$631	79.5	71.2	71.2	67.0
Pfister	19R24	RR2Y	1.9	R	CCB	72.1			13.1	2	\$631	77.3	69.5	72.9	68.6
Titan Pro	TP-21R55	RR2Y	2.1	R	IS	72.1			13.1	3	\$631	83.1	74.7	61.7	68.7
Cornelius	CB19R71	RR2Y	1.9	R	CMBV,IL	72.0			12.9	2	\$630	78.9	72.4	67.0	69.8
Pfister	21R203	RR2Y	2.1	R	CCB	72.0			13.1	2	\$630	81.1	71.3	71.2	64.2
Steyer	2102R2	RR2Y	2.1	MR	SStd	72.0			13.2	4	\$630	81.5	71.3	73.2	62.0
Prairie Brand	PB-1822R2	RR2Y	1.8	R	CCB,In	71.7			13.1	4	\$627	80.4	79.3	61.1	66.1
LG Seeds	C2126RX	RRX	2.1	R	CCB	71.6			12.6	2	\$627	77.7	76.9	64.6	67.2
FS HiSoy	HS 21X60	RRX	2.1	R	ACi,CI	71.4			12.7	2	\$625	78.8	78.3	62.1	66.3
NorthStar	NS 62002NXR2	RRX	2.0	R	CMBV	70.9			12.6	2	\$620	77.9	72.5	61.5	71.5
Steyer	2103XR	RRX	2.1	MR	SStd	70.9			12.6	3	\$620	78.0	74.4	64.9	66.4
Croplan	R2C2200 CK	RR2Y	2.2	R	WCX	73.1			13.2	2	\$639	81.4	74.5	66.6	69.9

Results available by early-December
Visit www.firstseedtests.com to obtain a revised report

Corey Rozenboom

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Averages =	71.1	13.0	2	\$622	78.1	72.9	66.1	67.0
LSD (0.10) =	4.1	0.4	ns		4.5	5.1	4.2	3.8
LSD (0.25) =	2.9	0.2	ns		3.1	3.6	2.9	2.7

Previous years average yield for region, 54.6 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

† 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: 10/16/2016

Revised:

2016 Soybean Top 30 Performance Summary for Iowa North [IANO]



Full-Season Test

Maturity Group 2.2 - 2.5

S2016IANOb

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Algonia	Emmetsburg	New Hampton	Osage
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV	73.8			13.2	6	\$645	72.7	81.6	67.5	73.4
Pfister	24R201	RR2Y	2.4	R	CCB	73.4			13.2	5	\$642	71.6	77.6	68.9	75.3
Renk	RS246NR2	RR2Y	2.4	R	CMBV	73.3			13.2	4	\$641	70.7	76.0	72.0	74.3
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	73.0			13.0	4	\$639	71.1	76.3	68.9	75.7
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB	72.9			13.1	4	\$638	71.0	76.7	69.2	74.8
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	72.9			13.1	6	\$638	71.0	76.1	68.9	75.5
Latham	L2228R2	RR2Y	2.2	R	CCB,Me	72.9			13.2	6	\$638	75.8	77.3	68.7	69.8
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	72.8			12.9	3	\$637	78.1	75.4	67.8	70.0
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	72.7			13.1	8	\$636	71.4	76.2	68.4	74.7
FS HiSoy	HS 23A42	RR2Y	2.3	R	ACi	72.5			13.4	3	\$634	71.8	71.6	69.0	77.5
Stine	24RH62 §	RR2Y	2.4	R	SFI	72.3			13.1	3	\$632	71.5	75.9	68.8	72.8
Federal	F247NRR2Y GC	RR2Y	2.4	R	MAG	72.2			13.3	8	\$631	70.1	77.2	69.4	72.1
Latham	L2482R2	RR2Y	2.4	R	CCB,Me	71.9			13.3	6	\$629	71.4	77.3	69.2	69.7
Federal	F2170NR2X GC	RRX	2.1	R	MAG	70.7			12.6	6	\$619	76.1	68.5	65.4	72.8
Latham	L2348R2X	RRX	2.3	R	CCB,Me	70.7			13.1	5	\$618	70.9	72.5	66.1	73.1
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL	70.4			13.1	8	\$616	74.2	71.5	66.0	69.8
Channel	2306R2	RR2Y	2.3	R	ACi	70.4			13.2	9	\$616	71.6	68.2	68.1	73.7
Cornelius	CB23X45	RRX	2.3	R	ACi	70.3			13.1	3	\$615	71.6	71.5	65.9	72.0
Titan Pro	TP-23X76	RRX	2.3	R	IS	70.3			13.1	3	\$615	70.6	72.4	65.6	72.7
Channel	2416R2X §	RRX	2.4	R	ACi	70.3			13.4	11	\$615	72.4	72.7	66.5	69.7
Hefty	H24X6	RRX	2.4	MR	DST	70.1			13.4	7	\$613	72.8	72.6	66.3	68.5
Pioneer	P25T51R §	RR	2.5	R	EE,G	70.0			13.3	4	\$612	76.1	73.8	64.3	65.7
Croplan	R2C2450 §	RR2Y	2.4	R	WCX	69.6			13.5	8	\$608	75.3	63.0	71.7	68.3
Hefty	H25X7	RRX	2.5	MR	DST	69.5			13.4	3	\$608	72.1	70.4	65.1	70.5
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In	69.4			13.1	9	\$607	70.3	70.8	64.8	71.5
NorthStar	NS 62332NXR2	RRX	2.3	R	CMBV	68.6			13.3	2	\$600	70.2	78.2	60.9	65.1
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G	66.8			13.6	8	\$584	71.0	68.6	62.3	65.2
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me	66.2			13.4	9	\$579	70.2	61.6	60.1	73.0
Asgrow	AG24X7 §	RRX	2.4	R	ACi	65.5			13.1	5	\$573	66.2	64.8	61.9	69.1
NK Brand	S25-L9 §	RR2Y	2.5	R	CCB,Me	64.9			13.9	5	\$567	70.3	63.7	62.5	62.9
Croplan	R2C2200 CK	RR2Y	2.2	R	WCX	73.0			13.4	6	\$638	79.2	71.8	69.2	71.7

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Averages =	69.6	13.3	6	\$609	71.0	71.4	65.1	70.8
LSD (0.10) =	4.5	0.3	5		4.6	4.9	3.6	3.8
LSD (0.25) =	3.1	0.2	4		3.2	3.4	2.5	2.6

Previous years average yield for region, 54.6 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

† 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: 10/16/2016

Revised:

2016 Soybean - Iowa North [IANO]



Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG1935 §	RR2Y	1.9	R	ACi
Asgrow	AG2035 §	RR2Y	2.0	R	ACi
Champion	19R85N	RR2Y	1.9	R	AC,PV
Champion	19X97N	RRX	1.9	R	AC,PV
Champion	20R35N	RR2Y	2.0	R	AC,PV
Champion	21X77N	RRX	2.1	R	AC,PV
Channel	2108R2	RR2Y	2.1	R	ACi
Cornelius	CB19R71	RR2Y	1.9	R	CMBV,IL
Cornelius	CB20R44	RR2Y	2.0	R	CMBV,IL
Cornelius	CB21X22	RRX	2.1	R	ACi
Croplan	R2C2200 CK	RR2Y	2.2	R	WCX
Dairyland	DSR-1870/R2Y	RR2Y	1.8	R	CMB
Dairyland	DSR-2017/R2Y	RR2Y	2.0	R	CMB
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	CMB
FS HiSoy	HS 18X60	RRX	1.8	R	ACi,Ci
FS HiSoy	HS 19A50	RR2Y	1.9	R	ACi,Ci
FS HiSoy	HS 21X60	RRX	2.1	R	ACi,Ci
Hefty	H18X7	RRX	1.8	MR	DST
Hefty	H20X7	RRX	2.0	MR	DST
Hefty	H21X6	RRX	2.1	MR	DST
Kruger	K2-1801	RR2Y	1.8	R	ACi
Kruger	K2-2103	RR2Y	2.1	R	ACi
Latham	L1858R2	RR2Y	1.8	R	CCB,Me
Latham	L1968R2	RR2Y	1.9	R	CCB,Me
Latham	L2084R2	RR2Y	2.0	R	CCB,Me
Latham	L2184R2X	RRX	2.1	R	SS
LG Seeds	C1870R2	RR2Y	1.8	R	CCB
LG Seeds	C2126RX	RRX	2.1	R	CCB
NK Brand	S20-T6 §	RR2Y	2.0	MR	CCB,Me
NorthStar	NS 1916NR2	RR2Y	2.0	R	CMBV
NorthStar	NS 2031NR2	RR2Y	2.0	R	CMBV
NorthStar	NS 61882N XR2	RRX	1.8	R	CMBV
NorthStar	NS 62002N XR2	RRX	2.0	R	CMBV
Pfister	18R201	RR2Y	1.8	R	CCB
Pfister	19R24	RR2Y	1.9	R	CCB
Pfister	21R203	RR2Y	2.1	R	CCB
Pfister	21R205	RR2Y	2.1	R	CCB
Pioneer	P20T79R2 §	RR2Y	2.0	R	None
Prairie Brand	PB-1822R2	RR2Y	1.8	R	CCB,In
Prairie Brand	PB-1947R2	RR2Y	1.9	R	CCB,In
Prairie Brand	PB-2024R2	RR2Y	2.1	R	CCB,In
Prairie Brand	PB-2197R2	RR2Y	2.1	R	CCB,In

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Renk	RS177NX	RRX	1.8	R	CMBV
Renk	RS195NR2	RR2Y	1.9	R	CMBV
Renk	RS207NX	RRX	2.0	R	CMBV
Renk	RS213NR2	RR2Y	2.1	R	CMBV
Steyer	2102R2	RR2Y	2.1	MR	SStd
Steyer	2103XR	RRX	2.1	MR	SStd
Stine	19RF32 §	RR2Y	1.9	R	SFI
Stine	20RD20 §	RR2Y	2.0	R	SFI
Titan Pro	TP-19X06	RRX	1.9	R	IS
Titan Pro	TP-20R25	RR2Y	2.0	R	IS
Titan Pro	TP-21R55	RR2Y	2.1	R	IS
Titan Pro	TP-21X46	RRX	2.1	R	None

2016 Soybean - Iowa North [IANO]



Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt.
Asgrow	AG24X7 §	RRX	2.4	R	ACi
Channel	2306R2	RR2Y	2.3	R	ACi
Channel	2416R2X §	RRX	2.4	R	ACi
Cornelius	CB22R34	RR2Y	2.2	R	CMBV,IL
Cornelius	CB23X45	RRX	2.3	R	ACi
Croplan	R2C2200 CK	RR2Y	2.2	R	WCX
Croplan	R2C2450 §	RR2Y	2.4	R	WCX
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	CMB
Federal	F2170NR2X GC	RRX	2.1	R	MAG
Federal	F247NRR2Y GC	RR2Y	2.4	R	MAG
FS HiSoy	HS 23A42	RR2Y	2.3	R	ACi
FS HiSoy	HS 23X60	RRX	2.3	R	ACi,Ci
Hefty	H23X7	RRX	2.3	S	DST
Hefty	H24X6	RRX	2.4	MR	DST
Hefty	H25X7	RRX	2.5	MR	DST
Latham	L2228R2	RR2Y	2.2	R	CCB,Me
Latham	L2348R2X	RRX	2.3	R	CCB,Me
Latham	L2454R2X	RRX	2.4	S	CCB,Me
Latham	L2482R2	RR2Y	2.4	R	CCB,Me
LG Seeds	C2441R2	RR2Y	2.4	R	CCB
LG Seeds	C2520R2	RR2Y	2.5	R	CCB
NK Brand	S22-S1 §	RR2Y	2.2	R	CCB,Me
NK Brand	S25-L9 §	RR2Y	2.5	R	CCB,Me
NorthStar	NS 2282NR2	RR2Y	2.2	R	CMBV
NorthStar	NS 2362NR2	RR2Y	2.3	R	CMBV
NorthStar	NS 62332NXR2	RRX	2.3	R	CMBV
Pfister	24R201	RR2Y	2.4	R	CCB
Pioneer	P22T41R2 §	RR2Y	2.2	R	EE,G
Pioneer	P25T51R §	RR	2.5	R	EE,G
Prairie Brand	PB-2296R2	RR2Y	2.2	R	CCB,In
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In
Renk	RS246NR2	RR2Y	2.4	R	CMBV
Stine	24RE03 §	RR2Y	2.4	MR	SFI
Stine	24RH62 §	RR2Y	2.4	R	SFI
Titan Pro	TP-23X76	RRX	2.3	R	IS
Titan Pro	TP-24R26	RR2Y	2.4	R	IS

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. 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*

?	Information not provided	DST	Dominance™ ST	Mg	Magnum ST™ (standard)
AC	Acceleron® fungicide products	DX	Defend™ Extra	NCFI	N-Compass™ Plus F/I
ACi	Acceleron® fungicide and insecticide products	EE	Evergol™ Energy	None	untreated
AG	ArmourGuard™	En	Encase®	PV	Poncho®/Votivo®
AM	ApronMaxx®	G	Gaicho®	SDPI	Servo™ DPI
AVB	Avicta® Complete Beans	Gr+	Great Start™ Max Plus	SFI	Stine XP fungicide & insecticide
CCB	Clariva™ Complete Beans	IL	ILeVO®	SS	Soyshield™
CI	Clariva™ pn	In	Intego™ Solo	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	IS	Intego™ Suite	SStd	SureStand™
CMBV	CruiserMaxx® Beans with Vibrance	MAG	Maximum ArmourGuard™	TE	Trius™ Elite
DPHB	DPH Boost®	Me	Mertect®	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.