

2014 Soybean Top 30 Performance Summary for Iowa North [IANO]



Early-Season Test

Maturity Group 1.8 - 2.1

S2014IANOa

Top 30 of 48
For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Protein %	Oil %	Moisture %	Lodging %	Gross Income	Algonia	Emmetsburg	New Hampton	Osage
FS Hisoy	HS 19A42	RR2Y	1.90	R	ACi	54.5	34.2	19.3	11.2	1	\$480	60.2	61.4	44.1	52.1
Champion	20R35N	RR2Y	2.00	MR	CMBV	54.3	34.0	19.1	11.7	1	\$478	59.4	62.5	46.7	48.7
Renk	RS195NR2	RR2Y	1.90	R	None	53.9	33.2	19.2	11.1	1	\$474	59.4	64.3	42.0	49.8
Prairie Brand	PB-1956R2	RR2Y	1.90	R	CMBV	53.9	33.9	19.2	11.3	1	\$474	60.0	59.4	45.1	51.0
LG Seeds	C2020R2	RR2Y	2.00	R	AC,PV	53.8	34.2	19.0	11.4	1	\$473	59.1	58.9	48.7	48.5
Kruger	K2-2103	RR2Y	2.10	R	ACi	53.6	34.5	19.0	11.6	1	\$472	58.8	60.0	41.8	53.8
NK Brand	S20-T6 §	RR2Y	2.00	MR	CCB	52.9	34.0	19.3	10.3	1	\$466	57.8	61.2	40.8	51.9
Titan Pro	TP-18R24	RR2Y	1.80	R	CCB	52.6	34.0	18.8	11.2	1	\$463	57.3	61.7	42.4	48.9
Hefty	H18R5	RR2Y	1.80	MR	DST	52.6	34.1	18.7	11.2	1	\$463	57.7	61.4	42.4	48.7
Latham	L1968R2	RR2Y	1.90	R	CCB	52.6	33.8	19.5	11.4	1	\$463	57.7	58.8	42.0	52.0
Dyna-Gro	S20RY45	RR2Y	2.00	R	CMBV	52.4	34.5	19.1	11.5	1	\$461	57.4	56.6	44.0	51.7
Prairie Brand	PB-1947R2	RR2Y	1.90	R	CMBV	52.3	33.1	19.2	11.0	1	\$460	61.4	56.7	40.9	50.1
Kruger	K2-1801	RR2Y	1.80	R	ACi	52.3	33.4	19.7	11.1	1	\$460	59.5	60.8	40.8	48.1
Renk	RS213NR2	RR2Y	2.10	R	CMB	52.1	35.0	18.7	11.8	1	\$458	59.6	63.1	39.2	46.5
Pfister	19R24	RR2Y	1.90	R	CCB	52.0	34.0	19.2	11.0	1	\$458	62.8	57.6	36.4	51.1
Latham	L1858R2	RR2Y	1.80	R	SS+	51.9	33.0	19.3	11.0	1	\$457	61.2	54.7	41.1	50.6
Viking	1909R2N	RR2Y	1.90	R	None	51.9	34.6	19.2	11.0	1	\$457	55.7	59.4	42.8	49.7
Asgrow	AG2031 §	RR2Y	2.00	R	ACi	51.5	35.0	18.6	11.8	1	\$453	57.5	63.8	40.2	44.5
Cornelius	CB20R44	RR2Y	2.00	R	CCB	51.5	34.2	19.1	11.8	1	\$453	56.5	63.0	39.4	47.0
Stine	20RD20 §	RR2Y	2.00	R	None	51.4	34.5	18.9	11.8	1	\$452	56.1	62.7	39.4	47.5
Cornelius	CB19R86	RR2Y	1.90	R	CCB	51.2	33.3	19.0	11.3	1	\$451	56.1	62.8	40.1	45.6
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	51.2	33.8	18.4	11.4	1	\$451	55.2	61.0	38.9	49.5
Renze	20R04R2cn	RR2Y	2.00	R	CMB	51.2	35.0	18.9	11.9	1	\$451	56.1	62.7	39.1	47.0
Titan Pro	TP-20R44	RR2Y	2.00	R	CCB	51.1	34.6	19.1	10.9	1	\$450	55.4	58.3	41.4	49.2
Pfister	20R23	RR2Y	2.00	R	CCB	50.9	34.6	19.0	11.8	1	\$448	55.0	62.6	39.1	46.9
Hefty	H20Y12	RR2Y	2.00	MR	DST	50.7	34.2	18.4	10.8	1	\$446	55.1	58.6	40.3	48.7
Latham	L2058R2	RR2Y	2.00	R	CCB	50.7	33.4	18.7	11.4	1	\$446	54.1	61.5	38.9	48.3
Channel	1901R2	RR2Y	1.90	R	ACi	50.6	35.0	18.6	10.8	1	\$445	61.3	57.9	36.6	46.6
SOI	2097NRR2Y	RR2Y	2.00	R	None	50.3	33.8	18.6	11.0	1	\$443	55.0	59.6	42.8	43.9
LG Seeds	C1899R2	RR2Y	1.80	R	AC,PV	50.3	33.4	19.3	11.2	1	\$443	57.2	60.8	37.9	45.3
Croplan	R2C2263 CK	RR2Y	2.20	R	CMBV	50.0	34.7	18.1	10.9	1	\$440	56.4	60.2	36.5	47.0
Test Average =						50.9	34.2	18.9	11.3	1	\$448	56.7	59.8	39.9	47.1
LSD (0.10) =						3.0	0.5	0.4	0.7	ns		3.7	2.3	2.5	3.5
LSD (0.25) =						2.1	0.4	0.2	0.5	ns		2.6	1.6	1.7	2.4

Corey Rozenboom

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Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = 0.020 Price = \$8.80 Local GMO \$8.80 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.

Report date: 10/18/2014 Revised: 12/10/2014 Protein and oil composition results added

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2014 Soybean Top 30 Performance Summary for Iowa North [IANO]



Full-Season Test

Maturity Group 2.2 - 2.5

S2014IANOb

Top 30 of 48
For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A ↓	Protein % ↓	Oil %	Moisture %	Lodging %	Gross Income	Algona	Emmetsburg	New Hampton	Osage
FS Hisoy	HS 23A42	RR2Y	2.30	R	ACi	53.9	32.7	19.4	11.3	1	\$474	59.4	64.4	44.9	46.7
Prairie Brand	PB-X14201R2	RR2Y	2.00	R	CMBV	53.8	34.2	18.8	11.7	1	\$473	57.1	61.3	43.1	53.6
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB	52.9	34.1	18.5	11.6	1	\$466	62.6	60.1	43.4	45.4
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	52.7	32.7	19.5	11.3	1	\$464	56.2	61.7	40.3	52.4
Channel	2306R2	RR2Y	2.30	R	ACi	52.6	34.2	18.5	10.8	1	\$463	54.7	62.9	40.0	52.9
Latham	E2328R2	RR2Y	2.30	R	CCB	52.4	32.9	19.4	10.8	1	\$461	56.4	56.6	43.4	53.1
Titan Pro	25M22	RR2Y	2.50	R	CCB	52.3	34.1	18.9	12.3	1	\$460	59.1	61.0	41.2	47.8
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	52.2	35.0	18.2	12.7	1	\$459	55.5	57.1	48.8	47.5
Renk	RS241R2	RR2Y	2.40	S	CMB	51.6	34.1	18.5	11.7	1	\$454	55.3	57.8	43.0	50.1
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	51.1	33.1	19.4	11.8	1	\$450	54.6	58.1	40.9	50.9
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	50.6	33.4	19.4	11.2	1	\$445	57.2	58.5	40.3	46.4
Kruger	K2-2403	RR2Y	2.40	R	ACi	50.5	34.9	17.3	11.6	1	\$444	57.6	56.6	41.4	46.2
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV	50.4	33.6	19.1	11.2	1	\$444	56.3	58.8	39.9	46.4
Hefty	H23R5	RR2Y	2.30	MR	DST	50.4	33.7	18.9	11.2	1	\$444	57.0	57.2	40.7	46.7
Titan Pro	22M12	RR2Y	2.20	R	CCB	50.2	33.4	19.5	11.4	1	\$442	58.0	53.5	39.7	49.7
Dairyland	DST24-006/R2Y	RR2Y	2.40	R	CMB	50.2	35.8	17.2	11.6	1	\$442	57.4	51.6	43.8	48.0
Pfister	24R22	RR2Y	2.40	R	CCB	50.0	35.0	17.2	12.1	1	\$440	57.5	57.7	43.9	41.0
Pioneer	P22T69R §	RR	2.20	R	EE,G	49.9	33.8	19.6	10.8	1	\$439	56.2	58.8	39.3	45.2
Viking	2301R2N	RR2Y	2.30	R	None	49.8	33.4	19.4	11.1	1	\$438	54.1	59.1	39.9	46.2
Asgrow	AG2433 §	RR2Y	2.40	MR	ACi	49.8	34.0	18.9	12.1	1	\$438	55.6	54.6	44.3	44.5
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV	49.6	35.0	17.8	11.1	1	\$436	56.4	58.3	38.9	44.8
FS Hisoy	HS 24A42	RR2Y	2.40	R	ACi	49.6	33.2	19.4	11.5	1	\$436	55.8	59.7	37.4	45.3
Kruger	K2-2402	RR2Y	2.40	R	ACi	49.4	35.1	18.3	10.9	1	\$435	55.0	57.3	41.5	43.6
Renze	24R25R2cn	RR2Y	2.40	R	CMB	49.3	33.7	19.1	11.1	1	\$434	52.5	57.5	40.1	47.0
Kruger	K2-2201	RR2Y	2.20	R	ACi	49.2	35.3	17.8	11.1	1	\$433	55.1	59.2	37.7	44.7
Pioneer	92Y22 §	RR	2.20	R	EE,G	49.1	34.3	19.3	10.8	1	\$432	53.5	59.6	35.4	47.9
Latham	L2384R2	RR2Y	2.30	R	SS+	48.9	33.7	18.7	12.4	1	\$430	55.0	60.3	38.8	41.6
Hefty	H25R5	RR2Y	2.50	MR	DST	48.8	33.9	19.2	12.4	1	\$429	55.4	60.2	38.8	40.6
FS Hisoy	HS 24A44	RR2Y	2.40	R	ACi	48.7	32.6	19.8	11.5	1	\$429	51.8	57.4	37.5	48.2
Cornelius	CB23R98	RR2Y	2.30	R	CCB	48.4	33.4	19.0	10.9	1	\$426	58.6	56.9	34.7	43.3
Croplan	R2C2263 CK	RR2Y	2.20	R	CMBV	49.5	35.2	17.7	11.1	1	\$436	55.0	59.5	36.8	46.8

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Test Average =	49.3	34.3	18.5	11.6	1	\$434	54.3	58.2	39.6	44.9
LSD (0.10) =	3.3	0.6	0.5	0.9	ns		3.7	3.3	2.7	3.7
LSD (0.25) =	2.3	0.4	0.3	0.6	ns		2.6	2.3	1.9	2.6

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = 0.020 Price = \$8.80 Local GMO \$8.80 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.

Report date: 10/18/2014 Revised: 12/10/2014 Protein and oil composition results added

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2014 Soybean - Iowa North [IANO]



Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN
Asgrow	AG2031 §	RR2Y	2.00	R
Champion	20R35N	RR2Y	2.00	MR
Champion	21R34N	RR2Y	2.10	MR
Channel	1901R2	RR2Y	1.90	R
Cornelius	CB18R52	RR2Y	1.80	R
Cornelius	CB19R86	RR2Y	1.90	R
Cornelius	CB20R44	RR2Y	2.00	R
Cornelius	CB21R24	RR2Y	2.10	R
Croplan	R2C2263 CK	RR2Y	2.20	R
Dyna-Gro	S20RY45	RR2Y	2.00	R
Dyna-Gro	S20RY94	RR2Y	2.00	R
FS Hisoy	HS 19A42	RR2Y	1.90	R
Hefty	H18R5	RR2Y	1.80	MR
Hefty	H20R5	RR2Y	2.00	MR
Hefty	H20Y12	RR2Y	2.00	MR
Kruger	K2-1801	RR2Y	1.80	R
Kruger	K2-1901	RR2Y	1.90	MR
Kruger	K2-2002	RR2Y	2.00	MR
Kruger	K2-2103	RR2Y	2.10	R
Latham	L1858R2	RR2Y	1.80	R
Latham	L1968R2	RR2Y	1.90	R
Latham	L2058R2	RR2Y	2.00	R
Latham	L2084R2	RR2Y	2.00	R
LG Seeds	C1899R2	RR2Y	1.80	R
LG Seeds	C2020R2	RR2Y	2.00	R
NK Brand	S19-Z9 §	RR2Y	1.90	R
NK Brand	S20-T6 §	RR2Y	2.00	MR
Pfister	19R24	RR2Y	1.90	R
Pfister	20R23	RR2Y	2.00	R
Pioneer	P19T01R §	RR	1.90	R

Company/Brand	Product/Brand	Technol.	Mat.	SCN
Prairie Brand	PB-1947R2	RR2Y	1.90	R
Prairie Brand	PB-1956R2	RR2Y	1.90	R
Prairie Brand	PB-2188R2	RR2Y	2.10	R
Prairie Brand	PB-2230R2	RR2Y	2.20	R
Renk	RS183NR2	RR2Y	1.80	R
Renk	RS195NR2	RR2Y	1.90	R
Renk	RS213NR2	RR2Y	2.10	R
Renze	20R04R2cn	RR2Y	2.00	R
SOI	2013NRR2Y	RR2Y	2.00	R
SOI	2097NRR2Y	RR2Y	2.00	R
Stine	19RA02 §	RR2Y	1.90	R
Stine	20RD20 §	RR2Y	2.00	R
Titan Pro	20M1	RR2Y	2.00	R
Titan Pro	TP-18R24	RR2Y	1.80	R
Titan Pro	TP-20R44	RR2Y	2.00	R
Titan Pro	TP-21R63	RR2Y	2.10	R
Viking	1909R2N	RR2Y	1.90	R
Viking	2144R2N	RR2Y	2.10	R

Company/Brand	Product/Brand	Technol.	Mat.	SCN

2014 Soybean - Iowa North [IANO]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN
Asgrow	AG2232 §	RR2Y	2.20	R
Asgrow	AG2433 §	RR2Y	2.40	MR
Champion	25R95N	RR2Y	2.50	MR
Channel	2306R2	RR2Y	2.30	R
Cornelius	CB22R60	RR2Y	2.20	R
Cornelius	CB23R98	RR2Y	2.30	R
Cornelius	CB25R78	RR2Y	2.50	R
Croplan	R2C2263 CK	RR2Y	2.20	R
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S
Dairyland	DST24-006/R2Y	RR2Y	2.40	R
Dyna-Gro	S22RY64	RR2Y	2.20	MR
Dyna-Gro	S24RY65	RR2Y	2.40	R
FS Hisoy	HS 22A21	RR2Y	2.20	R
FS Hisoy	HS 23A42	RR2Y	2.30	R
FS Hisoy	HS 24A42	RR2Y	2.40	R
FS Hisoy	HS 24A44	RR2Y	2.40	R
Hefty	H23R5	RR2Y	2.30	MR
Hefty	H24R5	RR2Y	2.40	MR
Hefty	H25R5	RR2Y	2.50	MR
Kruger	K2-2201	RR2Y	2.20	R
Kruger	K2-2402	RR2Y	2.40	R
Kruger	K2-2403	RR2Y	2.40	R
Kruger	K2-2503	RR2Y	2.50	R
Latham	E2328R2	RR2Y	2.30	R
Latham	L2253R2	RR2Y	2.20	R
Latham	L2384R2	RR2Y	2.30	R
Latham	L2448R2	RR2Y	2.40	R
LG Seeds	C2222R2	RR2Y	2.20	R
LG Seeds	C2441R2	RR2Y	2.40	R

Company/Brand	Product/Brand	Technol.	Mat.	SCN
NK Brand	S24-K2 §	RR2Y	2.40	S
Pfister	22R20	RR2Y	2.20	R
Pfister	24R22	RR2Y	2.40	R
Pioneer	92Y22 §	RR	2.20	R
Pioneer	P22T69R §	RR	2.20	R
Prairie Brand	PB-2319R2	RR2Y	2.30	R
Prairie Brand	PB-2556R2	RR2Y	2.50	R
Prairie Brand	PB-X14201R2	RR2Y	2.00	R
Renk	RS224NR2	RR2Y	2.20	R
Renk	RS241R2	RR2Y	2.40	S
Renze	22R33R2cn	RR2Y	2.20	R
Renze	24R25R2cn	RR2Y	2.40	R
Stine	22RD00 §	RR2Y	2.20	MR
Titan Pro	22M12	RR2Y	2.20	R
Titan Pro	25M22	RR2Y	2.50	R
Titan Pro	TP-23R04	RR2Y	2.30	R
Titan Pro	TP-24R24	RR2Y	2.40	R
Viking	2301R2N	RR2Y	2.30	R

Company/Brand	Product/Brand	Technol.	Mat.	SCN

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. 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® and Phoenix® 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 F.I.R.S.T. when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
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 not provided	C	Cruiser®	I	Inovate™ System
A	Allegiance®	CCB	Clariva Complete Beans	M	Maxim®
AC	Acceleron® fungicide products	CMB	CruiserMaxx® Beans	None	untreated
ACi	Acceleron® fungicide and insecticide products	CMBV	CruiserMaxx® Beans with Vibrance	PS	ProShield™ (Mid-Atlantic Seed)
AM	ApronMaxx®	DST	Dominance ST	PV	Poncho®/Votivo®
AP	Apron XL®	EE	Evergol™ Energy	SS+	Soyshield Plus™
AVB	Avicta® Complete Beans	G	Gaicho®	T	Trilex®

* Seed treatments may include unspecified plant health promoting components.