

2014 Soybean Top 30 Harvest Report

Iowa North Central [IANC] IOWA FALLS

Mike Aldinger, Hardin County, IA 50126



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

PREV. CROP/HERB: Corn / SureStart, Callisto Xtra, Glyphosate
 SOIL DESCRIPTION: Webster-Clarion loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 4 % OM
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Sonic, Glyphosate, Flexstar
 SEEDED - RATE - ROW: May 22 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 10 153,700 /A

Early-Season Test

2.1 - 2.4 Day RM

S2014IANC03a

Top 30 of 48

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Stine	24RE03 §	RR2Y	2.40	MR	None	62.1	10.5	1	139.4	\$546
Dairyland	DST24-006/R2Y	RR2Y	2.40	R	CMB	61.0	10.0	1	162.6	\$537
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	60.7	9.8	1	158.7	\$534
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	60.2	10.3	1	147.1	\$530
Champion	21R34N	RR2Y	2.10	MR	CMBV	59.4	9.9	1	143.3	\$523
Kruger	K2-2103	RR2Y	2.10	R	ACi	59.3	10.2	1	154.9	\$522
Champion	23R85N	RR2Y	2.30	MR	CCB	58.7	9.7	1	143.3	\$517
FS Hisoy	HS 24A44	RR2Y	2.40	R	ACi	58.7	10.4	1	151.0	\$517
Cornelius	CB23R98	RR2Y	2.30	R	CCB	58.6	9.9	1	143.3	\$516
Prairie Brand	PB-2024R2	RR2Y	2.00	R	CMBV	58.5	9.9	1	154.9	\$515
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	58.5	10.8	1	139.4	\$515
Renze	24R25R2cn	RR2Y	2.40	R	CMB	58.0	9.6	1	151.0	\$510
Pfister	24R22	RR2Y	2.40	R	CCB	57.9	10.3	1	166.5	\$510
Titan Pro	TP-24R24	RR2Y	2.40	R	CCB	57.9	10.3	1	151.0	\$510
Latham	L2448R2	RR2Y	2.40	R	CCB	57.8	10.3	1	154.9	\$509
Cornelius	CB22R60	RR2Y	2.20	R	CCB	57.7	9.8	1	162.6	\$508
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	56.6	9.8	1	147.1	\$498
Cornelius	CB21R24	RR2Y	2.10	R	CCB	56.4	9.8	1	151.0	\$496
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV	56.0	9.8	1	166.5	\$493
Kruger	K2-2402	RR2Y	2.40	R	ACi	55.5	10.1	1	154.9	\$488
Latham	L2253R2	RR2Y	2.20	R	CCB	55.1	9.8	1	162.6	\$485
Federal	F235NRR2Y	RR2Y	2.30	R	CCB	55.0	10.0	1	147.1	\$484
Kruger	K2-2403	RR2Y	2.40	R	ACi	54.1	10.0	1	151.0	\$476
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB	53.9	9.9	1	158.7	\$474
FS Hisoy	HS 23A42	RR2Y	2.30	R	ACi	53.8	10.0	1	154.9	\$473
FS Hisoy	HS 24A42	RR2Y	2.40	R	ACi	53.8	10.1	1	143.3	\$473
SOI	2486NRR2Y	RR2Y	2.40	R	None	53.3	10.0	1	143.3	\$469
Stine	22RD00 §	RR2Y	2.20	MR	None	52.9	9.9	1	143.3	\$466
Pioneer	P22T69R §	RR	2.20	R	EE,G	52.8	9.5	1	151.0	\$465
Kruger	K2-2201	RR2Y	2.20	R	ACi	52.7	9.8	1	158.7	\$464
Croplan	R2T2501 CK	RR2Y	2.40	R	None	46.1	10.3	1	162.6	\$406

Corey Rozenboom

Corey Rozenboom
 corey.rozenboom@firstseedtests.com, (319) 830-8886

Test Average =	53.9	10.0	1	153.7	\$474
LSD (0.10) =	4.7	0.4	ns		
LSD (0.25) =	3.3	0.3	ns		
C.V. =	6.5	2.8			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$8.80}{\$8.80}$ GMO Non-GMO

TEST COMMENTS: Wet early spring weather delayed planting. June storms delivered 2.9", 1.9" and 1.5" of rain on June 16, 19, and 29, respectively, among others. Plants were tall in July with a few aphids and bacterial blight mid-canopy. Rainfall late Sept was nearly 11" over the 30-yr average for this site. Early season wet soils impacted varieties differently; consistent plant height differences noted at harvest.

† See last page for abbreviation descriptions. Results in bold are significantly above test average by LSD (0.10). ns = column values not significantly different.

Additional reports available at www.firstseedtests.com

Report date: 10/11/2014 Revised:

AgSCI Copyright 2014

2014 Soybean Top 30 Harvest Report

Iowa North Central [IANC] IOWA FALLS
Mike Aldinger, Hardin County, IA 50126



PREV. CROP/HERB: Corn / SureStart, Callisto Xtra, Glyphosate
 SOIL DESCRIPTION: Webster-Clarion loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.8 pH, 4 % OM
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Sonic, Glyphosate, Flexstar
 SEEDED - RATE - ROW: May 22 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 10 158,700 /A

Full-Season Test
2.5 - 2.8 Day CRM
 S2014IANC03b

Top 30 of 42

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
LG Seeds	C2534R2	RR2Y	2.50	R	AC,PV	60.7	9.8	1	147.1	\$534
Steyer	2503R2	RR2Y,ST	2.50	MR	CMBV	59.0	10.1	1	166.5	\$519
FS Hisoy	HS 28A02	RR2Y	2.80	R	CMBV	58.5	11.0	1	158.8	\$515
Latham	L2645R2	RR2Y	2.60	S	CCB	57.8	10.5	1	166.5	\$509
Dyna-Gro	S26RS75	RR2Y,ST	2.60	R	CMBV	57.7	10.4	1	166.5	\$508
Steyer	2805R2	RR2Y	2.80	MR	CMBV	57.3	10.6	1	166.5	\$504
FS Hisoy	HS 25A42	RR2Y	2.50	R	ACi	56.8	10.0	1	158.8	\$500
NK Brand	S26-P3 §	RR2Y	2.60	MR	CCB	56.3	10.5	1	151.0	\$495
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB	55.6	10.2	1	151.0	\$489
Cornelius	CB26R30	RR2Y	2.60	S	CCB	55.4	10.3	1	166.5	\$488
Kruger	K2-2803	RR2Y	2.80	R	ACi	55.2	11.5	1	158.8	\$486
Kruger	K2-2805	RR2Y	2.80	R	ACi	55.1	12.3	1	154.9	\$485
Cornelius	CB28R58	RR2Y	2.80	R	CCB	54.7	10.0	1	158.8	\$481
Pfister	28R21	RR2Y	2.80	R	CCB	54.7	11.5	1	162.6	\$481
LG Seeds	C2744R2	RR2Y	2.70	R	AC,PV	54.2	10.2	1	158.8	\$477
NK Brand	S27-J7 §	RR2Y	2.70	R	CCB	53.5	10.9	1	162.6	\$471
Latham	L2758R2	RR2Y	2.70	R	CCB	52.9	10.1	1	143.3	\$466
Latham	L2884R2	RR2Y	2.80	R	CCB	52.4	10.6	1	166.5	\$461
Prairie Brand	PB-2997R2	RR2Y	2.90	R	CMBV	52.0	10.5	1	151.0	\$458
Kruger	K2-2503	RR2Y	2.50	R	ACi	51.8	10.1	1	162.6	\$456
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV	51.5	9.9	1	166.5	\$453
Stine	26RD02 §	RR2Y	2.60	R	None	51.4	9.9	1	166.5	\$452
Pioneer	92Y51 §	RR	2.50	R	EE,G	51.4	10.1	1	151.0	\$452
Titan Pro	25M22	RR2Y	2.50	R	CCB	51.3	10.1	1	139.4	\$451
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV	51.2	10.5	1	151.0	\$451
Channel	2706R2	RR2Y	2.70	MR	ACi	50.9	9.8	1	162.6	\$448
Cornelius	CB27R83	RR2Y	2.70	R	CCB	49.8	11.3	1	162.6	\$438
Pfister	26R29	RR2Y	2.60	R	CCB	49.1	10.8	1	158.8	\$432
Dairyland	DSR-2612/R2Y	RR2Y	2.60	R	CMB	49.0	10.9	1	151.0	\$431
Titan Pro	TP-27R54	RR2Y	2.70	R	CCB	48.7	10.2	1	154.9	\$429
Croplan	R2T2501 CK	RR2Y	2.40	R	None	46.8	10.4	1	154.9	\$412

Corey Rozenboom

Corey Rozenboom
 corey.rozenboom@firstseedtests.com, (319) 830-8886

Test Average =	51.2	10.4	1	158.7	\$450
LSD (0.10) =	4.4	0.9	ns		
LSD (0.25) =	3.1	0.6	ns		
C.V. =	6.4	6.1			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$8.80}{\$8.80}$ $\frac{\text{GMO}}{\text{Non-GMO}}$

TEST COMMENTS: *Wet early spring weather delayed planting. June storms delivered 2.9", 1.9" and 1.5" of rain on June 16, 19, and 29 respectively, among others. Plants were tall in July with a few aphids and bacterial blight mid-canopy. Rainfall late Sept was nearly 11" over the 30-yr average for this site. Early season wet soils impacted varieties differently; consistent plant height differences noted at harvest.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at www.firstseedtests.com

Report date: 10/11/2014 Revised:

AgSCI Copyright 2014

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	Titan Pro	TP-21R63	RR2Y	2.10	R	CCB
Asgrow	AG2433 §	RR2Y	2.40	MR	ACi	Titan Pro	TP-23R04	RR2Y	2.30	R	CCB
Champion	21R34N	RR2Y	2.10	MR	CMBV	Titan Pro	TP-24R24	RR2Y	2.40	R	CCB
Champion	23R85N	RR2Y	2.30	MR	CCB						
Channel	2306R2	RR2Y	2.30	R	ACi						
Cornelius	CB21R24	RR2Y	2.10	R	CCB						
Cornelius	CB22R60	RR2Y	2.20	R	CCB						
Cornelius	CB23R98	RR2Y	2.30	R	CCB						
Croplan	R2T2501 CK	RR2Y	2.40	R	None						
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB						
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB						
Dairyland	DST24-006/R2Y	RR2Y	2.40	R	CMB						
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV						
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV						
Federal	F224NRR2Y	RR2Y	2.20	R	CCB						
Federal	F235NRR2Y	RR2Y	2.30	R	CCB						
FS Hisoy	HS 22A21	RR2Y	2.20	R	CMBV						
FS Hisoy	HS 23A42	RR2Y	2.30	R	ACi						
FS Hisoy	HS 24A42	RR2Y	2.40	R	ACi						
FS Hisoy	HS 24A44	RR2Y	2.40	R	ACi						
Kruger	K2-2103	RR2Y	2.10	R	ACi						
Kruger	K2-2201	RR2Y	2.20	R	ACi						
Kruger	K2-2402	RR2Y	2.40	R	ACi						
Kruger	K2-2403	RR2Y	2.40	R	ACi						
Latham	L2128R2	RR2Y	2.10	R	CCB						
Latham	L2253R2	RR2Y	2.20	R	CCB						
Latham	L2384R2	RR2Y	2.30	R	SS+						
Latham	L2448R2	RR2Y	2.40	R	CCB						
LG Seeds	C2222R2	RR2Y	2.20	R	AC,PV						
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV						
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB						
Pfister	22R20	RR2Y	2.20	R	CCB						
Pfister	24R22	RR2Y	2.40	R	CCB						
Pioneer	P22T69R §	RR	2.20	R	EE,G						
Prairie Brand	PB-2024R2	RR2Y	2.00	R	CMBV						
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV						
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV						
Renze	22R33R2cn	RR2Y	2.20	R	CMB						
Renze	24R25R2cn	RR2Y	2.40	R	CMB						
SOI	2208NRR2Y	RR2Y	2.20	R	None						
SOI	2406NRR2Y	RR2Y	2.40	R	None						
SOI	2486NRR2Y	RR2Y	2.40	R	None						
Stine	22RD00 §	RR2Y	2.20	MR	None						
Stine	24RE03 §	RR2Y	2.40	MR	None						
Titan Pro	22M12	RR2Y	2.20	R	CCB						

2014 Soybean - Iowa North Central [IANC]



Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2733 §	RR2Y	2.70	MR	ACi
Champion	25R95N	RR2Y	2.50	MR	CMBV
Champion	26R83N	RR2Y	2.60	MR	CMBV
Channel	2706R2	RR2Y	2.70	MR	ACi
Cornelius	CB25R78	RR2Y	2.50	R	CCB
Cornelius	CB26R30	RR2Y	2.60	S	CCB
Cornelius	CB27R83	RR2Y	2.70	R	CCB
Cornelius	CB28R58	RR2Y	2.80	R	CCB
Croplan	R2C2800	RR2Y	2.80	R	None
Croplan	R2T2501 CK	RR2Y	2.40	R	None
Dairyland	DSR-2612/R2Y	RR2Y	2.60	R	CMB
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV
Dyna-Gro	S26RS75	RR2Y,ST	2.60	R	CMBV
FS Hisoy	HS 25A42	RR2Y	2.50	R	ACi
FS Hisoy	HS 26A32	RR2Y	2.60	R	CMBV
FS Hisoy	HS 28A02	RR2Y	2.80	R	CMBV
Kruger	K2-2503	RR2Y	2.50	R	ACi
Kruger	K2-2803	RR2Y	2.80	R	ACi
Kruger	K2-2805	RR2Y	2.80	R	ACi
Latham	E2778R2	RR2Y	2.70	R	CCB
Latham	L2645R2	RR2Y	2.60	S	CCB
Latham	L2758R2	RR2Y	2.70	R	CCB
Latham	L2884R2	RR2Y	2.80	R	CCB
LG Seeds	C2534R2	RR2Y	2.50	R	AC,PV
LG Seeds	C2744R2	RR2Y	2.70	R	AC,PV
NK Brand	S26-P3 §	RR2Y	2.60	MR	CCB
NK Brand	S27-J7 §	RR2Y	2.70	R	CCB
Pfister	26R29	RR2Y	2.60	R	CCB
Pfister	28R21	RR2Y	2.80	R	CCB
Pioneer	92Y51 §	RR	2.50	R	EE,G
Pioneer	92Y74 §	RR	2.70	R	EE,G
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV
Prairie Brand	PB-2788R2	RR2Y	2.70	R	CMB
Prairie Brand	PB-2997R2	RR2Y	2.90	R	CMBV
Steyer	2503R2	RR2Y,ST	2.50	MR	CMBV
Steyer	2604R2	RR2Y	2.60	S	CMBV
Steyer	2805R2	RR2Y	2.80	MR	CMBV
Stine	26RD02 §	RR2Y	2.60	R	None
Titan Pro	25M22	RR2Y	2.50	R	CCB
Titan Pro	TP-27R54	RR2Y	2.70	R	CCB

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

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. VPM maxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPM maxx® and XL® are registered trademarks of DuPont Pioneer. Phoenix® is a trademark of a Syngenta Group Company.
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
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	DST	Dominance ST
A	Allegiance®	EE	Evergol™ Energy
AC	Accelaron® fungicide products	G	Gaucho®
ACi	Accelaron® fungicide and insecticide products	I	Inovate™ System
AM	ApronMaxx®	M	Maxim®
AP	Apron XL®	None	untreated
AVB	Avicta® Complete Beans	PS	ProShield™ (Mid-Atlantic Seed)
C	Cruiser®	PV	Poncho®/Votivo®
CCB	Clariva Complete Beans	SS+	Soyshield Plus™
CMB	CruiserMaxx® Beans	T	Trilex®
CMBV	CruiserMaxx® Beans with Vibrance		

* Seed treatments may include unspecified plant health promoting components.