

2014 Soybean Top 30 Harvest Report

Iowa North Central [IANC] SHELL ROCK
John Willson, Butler County, IA 50670



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

PREV. CROP/HERB: Corn / atrazine, glyphosate
SOIL DESCRIPTION: Raddle silt loam, mod. well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 6.8 pH, 5 % OM
TILLAGE/CULTIVATION: Minimum w/o fall till
PEST MANAGEMENT: Flexstar, Roundup PowerMax, Clethodim
SEEDED - RATE - ROW: May 21 167,000 /A 15" Spacing
HARVESTED - STAND: Oct 18 147,300 /A

Early-Season Test

2.1 - 2.4 Day RM

S2014IANC04a

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
Prairie Brand	PB-2024R2	RR2Y	2.00	R	CMBV	55.8	14.4	0	166.5	\$489
Pioneer	P22T69R §	RR	2.20	R	EE,G	53.3	14.2	0	166.5	\$468
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	52.8	14.3	0	139.4	\$463
Kruger	K2-2403	RR2Y	2.40	R	ACi	52.6	14.2	0	139.4	\$462
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	52.3	14.0	0	147.1	\$459
FS Hisoy	HS 23A42	RR2Y	2.30	R	ACi	52.2	14.5	0	162.6	\$458
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB	52.1	14.3	0	143.3	\$457
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB	51.5	14.2	0	139.4	\$452
Kruger	K2-2103	RR2Y	2.10	R	ACi	51.5	14.4	0	162.6	\$452
Latham	L2253R2	RR2Y	2.20	R	CCB	51.2	14.4	0	147.1	\$449
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV	51.0	14.3	0	139.4	\$447
SOI	2486NRR2Y	RR2Y	2.40	R	None	49.9	14.3	0	135.5	\$438
SOI	2208NRR2Y	RR2Y	2.20	R	None	49.7	14.3	0	139.4	\$436
Titan Pro	22M12	RR2Y	2.20	R	CCB	49.6	14.3	0	143.3	\$435
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	48.9	14.4	0	154.9	\$429
Pfister	24R22	RR2Y	2.40	R	CCB	48.7	14.3	0	143.3	\$427
Cornelius	CB21R24	RR2Y	2.10	R	CCB	48.7	14.4	0	139.4	\$427
Renze	24R25R2cn	RR2Y	2.40	R	CMB	48.6	14.4	0	143.3	\$426
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV	48.4	14.2	0	147.1	\$425
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB	48.3	14.2	0	147.1	\$424
Kruger	K2-2201	RR2Y	2.20	R	ACi	48.3	14.5	0	147.1	\$424
Dyna-Gro	S22RY64	RR2Y	2.20	MR	CMBV	48.2	14.1	0	143.3	\$423
Dairyland	DSR-2250/R2Y	RR2Y	2.20	MR	CMB	48.2	14.3	0	135.5	\$423
Champion	21R34N	RR2Y	2.10	MR	CMBV	48.2	14.3	0	143.3	\$423
Latham	L2384R2	RR2Y	2.30	R	SS+	48.2	14.5	0	162.6	\$423
Pfister	22R20	RR2Y	2.20	R	CCB	48.1	14.0	0	139.4	\$422
Kruger	K2-2402	RR2Y	2.40	R	ACi	48.1	14.1	0	147.1	\$422
NK Brand	S22-S1 §	RR2Y	2.20	R	CCB	48.1	14.3	0	147.1	\$422
FS Hisoy	HS 24A44	RR2Y	2.40	R	ACi	48.1	15.0	0	131.7	\$421
FS Hisoy	HS 22A21	RR2Y	2.20	R	CMBV	48.0	14.2	0	154.9	\$421
Croplan	R2T2501 CK	RR2Y	2.40	R	None	45.1	14.5	0	143.3	\$396

Corey Rozenboom

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

Test Average =	48.6	14.3	0	147.3	\$426
LSD (0.10) =	3.2	0.4	ns		
LSD (0.25) =	2.2	0.3	ns		
C.V. =	4.8	2.1			

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 at this no-till site. It rained almost continuously during the last half of June. Some of the bigger storms included 2.82", 1", and 1.14" on June 16, 19 and 30, respectively. July ended nearly 2.5" rain below normal. As of the end of Sept, this site was 4" over the 30-yr average. Pods were set very close to the ground but harvested well.

† 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

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Report date: 10/19/2014 Revised:

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SOIL CONDITIONS: High P, high K, 6.8 pH, 5 % OM
TILLAGE/CULTIVATION: Minimum w/o fall till
PEST MANAGEMENT: Flexstar, Roundup PowerMax, Clethodim
SEEDED - RATE - ROW: May 21 167,000 /A 15" Spacing
HARVESTED - STAND: Oct 18 152,800 /A

Full-Season Test

2.5 - 2.8 Day CRM

S2014IANC04b

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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
Cornelius	CB28R58	RR2Y	2.80	R	CCB	46.7	14.4	0	158.8	\$410
Steyer	2805R2	RR2Y	2.80	MR	CMBV	46.6	14.7	0	162.6	\$408
Steyer	2604R2	RR2Y	2.60	S	CMBV	46.3	14.4	0	151.0	\$406
Titan Pro	25M22	RR2Y	2.50	R	CCB	46.2	14.2	0	166.5	\$405
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB	45.5	14.2	0	154.9	\$399
Pioneer	92Y51 §	RR	2.50	R	EE,G	45.5	14.4	0	147.1	\$399
LG Seeds	C2534R2	RR2Y	2.50	R	AC,PV	45.3	14.0	0	162.6	\$398
FS Hisoy	HS 26A32	RR2Y	2.60	R	CMBV	45.1	14.3	0	143.3	\$396
Prairie Brand	PB-2788R2	RR2Y	2.70	R	CMB	44.7	14.3	0	151.0	\$392
Latham	L2758R2	RR2Y	2.70	R	CCB	44.4	14.3	0	139.4	\$390
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV	44.3	14.5	0	139.4	\$389
FS Hisoy	HS 25A42	RR2Y	2.50	R	ACi	44.1	14.4	0	151.0	\$387
Latham	L2645R2	RR2Y	2.60	S	CCB	43.7	14.4	0	166.5	\$383
Dyna-Gro	S26RS75	RR2Y,ST	2.60	R	CMBV	43.6	14.5	0	154.9	\$382
Kruger	K2-2805	RR2Y	2.80	R	ACi	43.4	14.4	0	143.3	\$381
Latham	L2884R2	RR2Y	2.80	R	CCB	43.3	14.1	0	151.0	\$380
Pioneer	92Y74 §	RR	2.70	R	EE,G	42.9	14.3	0	158.8	\$376
Dairyland	DSR-2612/R2Y	RR2Y	2.60	R	CMB	42.8	14.3	0	158.8	\$376
Champion	25R95N	RR2Y	2.50	MR	CMBV	42.7	14.3	0	166.5	\$375
NK Brand	S26-P3 §	RR2Y	2.60	MR	CCB	42.7	14.5	0	147.1	\$374
Pfister	26R29	RR2Y	2.60	R	CCB	42.0	14.1	0	143.3	\$369
Titan Pro	TP-27R54	RR2Y	2.70	R	CCB	42.0	14.2	0	166.5	\$369
Latham	E2778R2	RR2Y	2.70	R	CCB	41.9	14.3	0	154.9	\$368
Champion	26R83N	RR2Y	2.60	MR	CMBV	41.7	14.2	0	147.1	\$366
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV	41.6	14.3	0	166.5	\$365
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV	41.4	14.5	0	158.8	\$363
Kruger	K2-2503	RR2Y	2.50	R	ACi	41.0	14.1	0	139.4	\$360
Channel	2706R2	RR2Y	2.70	MR	ACi	41.0	14.3	0	147.1	\$360
Prairie Brand	PB-2997R2	RR2Y	2.90	R	CMBV	41.0	14.5	0	131.6	\$360
Asgrow	AG2733 §	RR2Y	2.70	MR	ACi	40.9	14.4	0	166.5	\$359
Croplan	R2T2501 CK	RR2Y	2.40	R	None	42.9	14.4	0	151.0	\$376

Corey Rozenboom

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Test Average =	42.4	14.4	0	152.8	\$372
LSD (0.10) =	3.0	0.3	ns		
LSD (0.25) =	2.1	0.2	ns		
C.V. =	5.2	1.6			

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

TEST COMMENTS: *Wet early spring weather delayed planting at this no-till site. It rained almost continuously during the last half of June. Some of the bigger storms included 2.82", 1", and 1.14" on June 16, 19 and 30, respectively. July ended nearly 2.5" rain below normal. As of the end of Sept, this site was 4" over the 30-yr average. Pods were set very close to the ground but harvested well.*

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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	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® 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.