

2014 Soybean Top 30 Harvest Report

Iowa Northwest [IANW] HULL

Brian Wieringa, Sioux County, IA 51201



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

PREV. CROP/HERB: Corn / Harness, Callisto, Roundup
 SOIL DESCRIPTION: Primghar-Galva silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 7.1 pH, 4.5 % OM
 TILLAGE/CULTIVATION: Minimum w/o fall till
 PEST MANAGEMENT: Enlite, Roundup, Fusilade DX, Priaxor, Tundra, Yuma
 SEEDED - RATE - ROW: May 15 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 8 144,200 /A

Early-Season Test

2.1 - 2.4 Day RM

S2014IANW01a

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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
Titan Pro	22M12	RR2Y	2.20	R	CCB	61.4	10.2	4	147.1	\$540
Renk	RS213NR2	RR2Y	2.10	R	CMB	60.3	10.8	4	154.9	\$531
Channel	2306R2	RR2Y	2.30	R	ACi	60.0	10.1	4	154.9	\$528
Hefty	H20Y12	RR2Y	2.00	MR	DST	59.7	10.1	4	131.7	\$525
Federal	F205NRR2Y	RR2Y	2.00	R	CCB	59.3	10.1	4	154.9	\$522
Channel	2108R2	RR2Y	2.10	R	ACi	58.7	10.7	4	151.0	\$517
Channel	2105R2	RR2Y	2.10	MR	ACi	58.2	11.1	4	139.4	\$512
Kruger	K2-2103	RR2Y	2.10	R	ACi	57.9	10.6	4	143.3	\$510
Pioneer	P22T69R §	RR	2.20	R	EE,G	57.5	10.1	4	139.4	\$506
Asgrow	AG2232 §	RR2Y	2.20	R	ACi	56.7	11.9	11	143.3	\$499
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV	56.5	10.6	4	147.1	\$497
SOI	2430RR2Y	RR2Y	2.40	S	None	55.9	10.9	4	147.1	\$492
Latham	L2128R2	RR2Y	2.10	R	CCB	55.6	11.2	4	143.3	\$489
Dyna-Gro	S24RY65	RR2Y	2.40	R	CMBV	55.0	10.4	4	143.3	\$484
Hefty	H21Y11	RR2Y	2.10	R	DST	54.3	10.4	4	139.4	\$478
SOI	2486NRR2Y	RR2Y	2.40	R	None	54.3	10.5	4	151.0	\$478
Kruger	K2-2402	RR2Y	2.40	R	ACi	52.7	10.7	8	131.7	\$464
Dairyland	DSR-2411/R2Y	RR2Y	2.40	S	CMB	52.6	10.8	4	147.1	\$463
Federal	F235NRR2Y	RR2Y	2.30	R	CCB	52.6	10.2	11	139.4	\$463
Renze	24R25R2cn	RR2Y	2.40	R	CMB	51.9	10.4	4	131.7	\$457
Prairie Brand	PB-2188R2	RR2Y	2.10	R	CMBV	51.9	10.6	4	154.9	\$457
SOI	2406NRR2Y	RR2Y	2.40	R	None	50.8	13.5	4	147.1	\$447
Hefty	H24R5	RR2Y	2.40	MR	DST	50.6	11.8	4	151.0	\$445
Pfister	24R22	RR2Y	2.40	R	CCB	50.4	11.4	4	139.4	\$444
NK Brand	S24-K2 §	RR2Y	2.40	S	CMBV	50.1	11.0	4	131.7	\$441
Federal	F245NRR2Y	RR2Y	2.40	R	CCB	50.0	14.2	4	147.1	\$439
Titan Pro	TP-24R24	RR2Y	2.40	R	CCB	49.3	13.3	4	147.1	\$434
Champion	242R	RR2Y	2.40	S	CCB	48.9	11.1	4	143.3	\$430
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV	48.7	10.3	4	147.1	\$429
Stine	24RE03 §	RR2Y	2.40	MR	None	48.7	11.6	4	143.3	\$429
Croplan	R2T2501 CK	RR2Y	2.40	R	None	46.9	11.6	8	143.3	\$413

Corey Rozenboom

Corey Rozenboom

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

Test Average =	50.8	10.9	5	144.2	\$447
LSD (0.10) =	4.5	0.7	5		
LSD (0.25) =	3.2	0.5	4		
C.V. =	6.6	5.0			

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

TEST COMMENTS: This test was planted into no-till corn residue on a well-drained area. June rainfall was 7.7" over the 30-year average for the area. Plants were very tall with much growth conducive for a white mold outbreak throughout the test. There was a distinct varietal yield separation due to white mold tolerance. A Sept 13 low temp of 31 F damaged the top 6-8" of non-mature plants.

† 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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 SEEDED - RATE - ROW: May 15 167,000 /A 15" Spacing
 HARVESTED - STAND: Oct 8 151,000 /A

Full-Season Test

2.5 - 2.8 Day CRM

S2014IANW01b

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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
Channel	2508R2	RR2Y	2.50	R	ACi	59.3	11.0	10	158.8	\$578
Pioneer	92Y74 §	RR	2.70	R	EE,G	58.2	11.2	4	139.4	\$567
Latham	L2758R2	RR2Y	2.70	R	CCB	58.0	11.5	4	154.9	\$566
Pioneer	92Y51 §	RR	2.50	R	EE,G	57.4	11.0	3	139.4	\$560
Prairie Brand	PB-2556R2	RR2Y	2.50	R	CMBV	55.0	11.2	4	162.6	\$536
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV	53.6	11.5	8	154.9	\$523
Titan Pro	25M22	RR2Y	2.50	R	CCB	52.8	11.7	8	158.8	\$515
Latham	L2645R2	RR2Y	2.60	S	CCB	52.4	12.0	4	158.8	\$511
LG Seeds	C2534R2	RR2Y	2.50	R	AC,PV	52.0	11.2	4	162.6	\$507
LG Seeds	C2744R2	RR2Y	2.70	R	AC,PV	51.2	13.4	4	139.4	\$499
Champion	26R83N	RR2Y	2.60	MR	CMBV	51.2	13.7	6	139.4	\$498
Prairie Brand	PB-2600R2	RR2Y	2.60	MR	CMBV	50.3	12.3	8	147.1	\$490
Champion	25R95N	RR2Y	2.50	MR	CMBV	49.3	13.3	4	151.0	\$480
Stine	26RD02 §	RR2Y	2.60	R	None	49.1	11.6	4	147.1	\$479
Titan Pro	TP-27R54	RR2Y	2.70	R	CCB	49.0	11.1	4	143.3	\$478
Dairyland	DSR-2612/R2Y	RR2Y	2.60	R	CMB	48.3	14.5	8	151.0	\$469
Kruger	K2-2503	RR2Y	2.50	R	ACi	47.8	11.6	4	151.0	\$466
Pfister	26R29	RR2Y	2.60	R	CCB	47.1	14.5	4	147.1	\$458
Channel	2706R2	RR2Y	2.70	MR	ACi	46.9	11.2	4	139.4	\$457
Hefty	H25R5	RR2Y	2.50	MR	DST	46.9	11.9	4	158.8	\$457
Asgrow	AG2733 §	RR2Y	2.70	MR	ACi	46.4	11.5	4	151.0	\$452
Channel	2808R2	RR2Y	2.80	R	ACi	46.1	18.3	4	166.5	\$445
Kruger	K2-2805	RR2Y	2.80	R	ACi	45.9	18.3	6	162.6	\$443
Latham	L2884R2	RR2Y	2.80	R	CCB	45.8	13.5	4	135.5	\$446
Kruger	K2-2803	RR2Y	2.80	R	ACi	45.2	15.0	12	158.8	\$439
Dyna-Gro	38RY28	RR2Y	2.80	R	CMBV	45.1	15.0	4	151.0	\$438
Dairyland	DST26-005/R2Y	RR2Y	2.60	MR	CMB	45.0	11.7	4	154.9	\$439
Latham	L2585R2	RR2Y	2.50	MR	CCB	44.3	12.6	25	143.3	\$432
NK Brand	S28-A2 §	RR2Y	2.80	R	CCB	42.8	13.5	4	151.0	\$417
Hefty	H28R5	RR2Y	2.80	MR	DST	42.8	13.8	4	166.5	\$417
Croplan	R2T2501 CK	RR2Y	2.40	R	None	49.8	11.3	4	131.6	\$486

Corey Rozenboom

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Test Average =	48.3	13.2	6	151.0	\$470
LSD (0.10) =	4.6	1.6	5		
LSD (0.25) =	3.2	1.1	4		
C.V. =	6.9	8.7			

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

TEST COMMENTS: This test was planted into no-till corn residue on a well-drained area. June rainfall was 7.7" over the 30-year average for the area. Plants were very tall with much growth conducive for a white mold outbreak throughout the test. There was a distinct varietal yield separation due to white mold tolerance. A Sept 13 low temp of 31 F damaged the top 6-8" of non-mature plants.

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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2232 §	RR2Y	2.20	R	ACi
Asgrow	AG2433 §	RR2Y	2.40	MR	ACi
Champion	21R34N	RR2Y	2.10	MR	CMBV
Champion	242R	RR2Y	2.40	S	CCB
Channel	2105R2	RR2Y	2.10	MR	ACi
Channel	2108R2	RR2Y	2.10	R	ACi
Channel	2306R2	RR2Y	2.30	R	ACi
Croplan	R2T2501 CK	RR2Y	2.40	R	None
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	F205NRR2Y	RR2Y	2.00	R	CCB
Federal	F224NRR2Y	RR2Y	2.20	R	CCB
Federal	F235NRR2Y	RR2Y	2.30	R	CCB
Federal	F245NRR2Y	RR2Y	2.40	R	CCB
Hefty	H20Y12	RR2Y	2.00	MR	DST
Hefty	H21Y11	RR2Y	2.10	R	DST
Hefty	H23R5	RR2Y	2.30	MR	DST
Hefty	H24R5	RR2Y	2.40	MR	DST
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	C2333R2	RR2Y	2.30	R	AC,PV
LG Seeds	C2441R2	RR2Y	2.40	R	AC,PV
NK Brand	S24-K2 §	RR2Y	2.40	S	CMBV
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-2188R2	RR2Y	2.10	R	CMBV
Prairie Brand	PB-2230R2	RR2Y	2.20	R	CMBV
Prairie Brand	PB-2319R2	RR2Y	2.30	R	CMBV
Renk	RS213NR2	RR2Y	2.10	R	CMB
Renk	RS224NR2	RR2Y	2.20	R	None
Renk	RS244NR2	RR2Y	2.40	R	None
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	2430RR2Y	RR2Y	2.40	S	None

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
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
Titan Pro	TP-21R63	RR2Y	2.10	R	CCB
Titan Pro	TP-23R04	RR2Y	2.30	R	CCB
Titan Pro	TP-24R24	RR2Y	2.40	R	CCB
Viking	2144R2N	RR2Y	2.10	R	CMB
Viking	2301R2N	RR2Y	2.30	R	None

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Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	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	2508R2	RR2Y	2.50	R	ACi						
Channel	2706R2	RR2Y	2.70	MR	ACi						
Channel	2808R2	RR2Y	2.80	R	ACi						
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	38RY28	RR2Y	2.80	R	CMBV						
Dyna-Gro	S25RY44	RR2Y	2.50	R	CMBV						
Hefty	H25R5	RR2Y	2.50	MR	DST						
Hefty	H27R5	RR2Y	2.70	MR	DST						
Hefty	H28R4	RR2Y	2.80	MR	DST						
Hefty	H28R5	RR2Y	2.80	MR	DST						
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	L2585R2	RR2Y	2.50	MR	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	S27-J7 §	RR2Y	2.70	R	CCB						
NK Brand	S28-A2 §	RR2Y	2.80	R	CCB						
Pfister	26R29	RR2Y	2.60	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						
Stine	26RD02 §	RR2Y	2.60	R	None						
Titan Pro	25M22	RR2Y	2.50	R	CCB						
Titan Pro	TP-27R54	RR2Y	2.70	R	CCB						

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 are distributed by Beck's Superior Hybrids, Inc. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® 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.