

2013 Soybean Top 30 Harvest Report

Iowa North Central [IANC] LAURENS
Dale Roewe, Pocahontas County, IA 50554



PREV. CROP/HERB: Corn / Halex GT, Atrazine, Callisto
 SOIL DESCRIPTION: Webster clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 5.9 pH, 4% OM,
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Flexstar GT, Intensity, Harmony SG, Roundup PowerMax, Warhawk, Sniper
 SEEDED - RATE - ROW: Jun 20 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 21 171,400 /A

Early-Season Test

2.1 - 2.4 Day CRM
S2013IANC23a

Top 30 of 54

Sorted for 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
FS Hisoy	HS 22A21	RR2Y	2.2	R	CMB	53.7	10.6	0	158.7	\$682
Prairie Brand	PB-2468R2	RR2Y	2.3	R	CMBV	52.4	11.8	0	228.5	\$665
Dyna-Gro	S24RY73	RR2Y	2.4	R	ACi	52.2	11.7	0	185.8	\$663
Pfister	24R29	RR2Y	2.4	R	CMB	51.5	12.0	0	205.2	\$654
Champion	23R73N	RR2Y	2.3	R	CMBV	51.4	11.3	0	201.4	\$653
Kruger	K2-2402	RR2Y	2.4	R	ACi	51.0	10.9	0	224.6	\$648
Champion	21R34N	RR2Y	2.1	R	CMBV	51.0	11.2	0	189.7	\$648
LG Seeds	C2333R2	RR2Y	2.3	R	AC,PV	50.6	11.7	0	209.1	\$643
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	50.2	11.0	0	193.6	\$638
FS Hisoy	HS 24A32	RR2Y	2.4	R	CMB	49.9	11.7	0	139.4	\$634
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	48.9	11.9	0	154.9	\$621
Champion	24R74N	RR2Y	2.4	R	CMBV	48.7	12.3	0	174.2	\$618
Federal	F224NRR2Y	RR2Y	2.2	R	ACi	48.5	10.9	0	139.4	\$616
Steyer	2202R2	RR2Y	2.2	MR	SStd	48.4	11.5	0	170.4	\$615
Stine	22RD00 §	RR2Y	2.2	MR	CMB	48.4	11.7	0	154.9	\$615
Titan Pro	TP-22R13	RR2Y	2.2	R	CMBV	48.4	11.9	0	193.6	\$615
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	48.2	11.1	0	139.4	\$612
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	48.2	11.4	0	170.4	\$612
Pfister	22R20	RR2Y	2.2	R	None	48.0	11.2	0	154.9	\$610
Cornelius	CB22R60	RR2Y	2.2	R	None	47.8	11.4	0	158.8	\$607
Dairyland	DSR-2411/R2Y	RR2Y	2.4	S	CMB,O	47.6	10.8	0	189.7	\$605
SOI	2430RR2Y	RR2Y	2.4	S	CMB	47.5	10.7	0	182.0	\$603
Cornelius	CB24R99	RR2Y	2.4	S	None	47.5	11.6	0	154.9	\$603
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV	47.4	11.5	0	189.7	\$602
Kruger	K2-2201	RR2Y	2.2	R	ACi	47.2	11.0	0	178.1	\$599
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	47.2	11.8	0	143.3	\$599
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O	47.0	11.8	0	197.5	\$597
NK Brand	S22-S1 §	RR2Y	2.2	R	CMBV	46.9	10.9	0	151.0	\$596
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	46.9	11.8	0	154.9	\$596
Hefty	H23R3	RR2Y	2.3	MR	I	46.8	11.9	0	158.7	\$594
Latham	L2585R2 CK	RR2Y	2.5	R	SS+	46.0	12.5	0	170.4	\$584

Cory Rozenboom

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Test Average = **47.1** **11.6** **0** **171.4** **\$598**
 LSD (0.10) = 3.3 0.9 ns
 C.V. = 5.2 5.5

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$12.70}{n/a}$ Local GMO Non-GMO

TEST COMMENTS: This site received over 15" of combined rainfall from May through June. Much of the soybean planting in the area was delayed until late June. After the slow planting start, emergence was quick and stands were good. No significant diseases were noted during the season. Vegetative growth was limited and pods were set very close to the soil surface. Plant heights ranged from 22" to 39".

† See last page for additional information. Results in **bold** are significantly above the test average. **CK** = check and **GC** = grower comparison products, **§** = United Soybean Board entry; **ns** = not significantly different.

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Report date: 10/22/2013 Revised:

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PREV. CROP/HERB: Corn / Halex GT, Atrazine, Callisto
 SOIL DESCRIPTION: Webster clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 5.9 pH, 4% OM,
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Flexstar GT, Intensity, Harmony SG, Roundup PowerMax, Warhawk, Sniper
 SEEDED - RATE - ROW: Jun 20 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 21 175,500 /A

Full-Season Test
2.5 - 2.8 Day CRM
S2013IANC23b

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Sorted for 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	27M32	RR2Y	2.7	R	CMBV	51.8	11.7	0	151.0	\$658
Channel	2706R2	RR2Y	2.7	MR	ACi	50.8	12.0	0	178.1	\$645
Kruger	K2-2704	RR2Y	2.7	R	ACi	50.6	11.5	0	182.0	\$643
FS Hisoy	HS 28A32	RR2Y	2.8	R	CMB	50.0	11.6	0	201.3	\$635
Steyer	2501R2	RR2Y	2.5	MR	SStd	49.4	11.6	0	162.6	\$627
Dyna-Gro	S27RY03	RR2Y	2.7	R	ACi	49.1	11.9	0	178.1	\$624
FS Hisoy	HS 25A22	RR2Y	2.5	R	CMB	49.0	11.3	0	209.1	\$622
Dairyland	DSR-2612/R2Y	RR2Y	2.6	R	CMB,O	48.7	11.2	0	193.6	\$618
Kruger	K2-2503	RR2Y	2.5	R	ACi	48.5	11.6	0	174.2	\$616
Hefty	H26R3	RR2Y	2.6	MR	I	48.4	11.9	0	182.0	\$615
NuTech/G2 Gen	7261 ^	RR	2.6	R	SCE	48.4	12.3	0	170.4	\$615
Champion	26R83N	RR2Y	2.6	R	CMBV	48.1	11.6	0	162.6	\$611
Prairie Brand	PB-2668R2	RR2Y	2.6	R	CMBV	48.1	11.9	0	166.5	\$611
Asgrow	AG2632 §	RR2Y	2.6	MR	AC	48.1	12.8	0	201.3	\$611
Steyer	2702R2	RR2Y	2.7	MR	SStd	47.4	10.9	0	216.8	\$602
Kruger	K2-2602	RR2Y	2.6	MR	ACi	47.4	11.8	0	174.2	\$602
Stine	26RD02 §	RR2Y	2.6	R	CMB	46.7	11.5	0	154.9	\$593
NK Brand	S25-E5	RR2Y	2.5	R	CMBV	46.3	11.9	0	182.0	\$588
Channel	2605R2	RR2Y	2.6	R	ACi	45.9	11.8	0	170.4	\$583
FS Hisoy	HS 26A32	RR2Y	2.6	R	CMB	45.4	11.4	0	185.9	\$577
Pioneer	P28T33R §	RR	2.8	R	EE,G	45.4	12.1	0	209.1	\$577
Renk	RS283NR2	RR2Y	2.8	R	None	44.8	12.4	0	162.6	\$569
FS Hisoy	HS 28A02	RR2Y	2.8	R	CMB	44.8	12.6	0	112.3	\$569
Dyna-Gro	S25RY44	RR2Y	2.5	R	ACi	44.6	11.9	0	178.1	\$566
Kruger	K2-2803	RR2Y	2.8	R	ACi	44.0	12.8	0	154.9	\$559
Pfister	28R21	RR2Y	2.8	R	CMB	43.8	12.3	0	151.0	\$556
LG Seeds	C2835R2	RR2Y	2.8	R	AC,PV	43.6	12.5	0	154.9	\$554
NuTech/G2 Gen	7286 ^	RR	2.8	R	SCE	43.5	12.6	0	174.2	\$552
Curry	1252	RR	2.5	R	?	43.4	11.2	0	158.8	\$551
Cornelius	CB27R83	RR2Y	2.7	R	None	43.1	11.9	0	189.7	\$547
Latham	L2585R2 CK	RR2Y	2.5	R	SS+	45.3	12.7	0	178.1	\$575

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Test Average = **45.4** **11.9** **0** **175.5** **\$576**
 LSD (0.10) = 3.2 0.8 ns
 C.V. = 5.1 4.9

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$12.70}{n/a}$ Local GMO Non-GMO

TEST COMMENTS: This site received over 15" of combined rainfall from May through June. Much of the soybean planting in the area was delayed until late June. After the slow planting start, emergence was quick and stands were good. No significant diseases were noted during the season. Vegetative growth was limited and pods were set very close to the soil surface. Plant heights ranged from 22" to 39".

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Report date: 10/22/2013 Revised:

Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	Renk	RS244NR2	RR2Y	2.4	R	None
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	SOI	2430RR2Y	RR2Y	2.4	S	CMB
Champion	21R34N	RR2Y	2.1	R	CMBV	Steyer	2202R2	RR2Y	2.2	MR	SStd
Champion	23R73N	RR2Y	2.3	R	CMBV	Stine	22RD00 §	RR2Y	2.2	MR	CMB
Champion	24R74N	RR2Y	2.4	R	CMBV	Stine	24RD03 §	RR2Y	2.4	MR	CMB
Channel	2105R2	RR2Y	2.1	MR	ACi	Titan Pro	22M12	RR2Y	2.2	R	CMBV
Channel	2207R2	RR2Y	2.2	R	ACi	Titan Pro	23M9	RR2Y	2.3	S	CMBV
Channel	2306R2	RR2Y	2.3	R	ACi	Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV
Channel	2402R2	RR2Y	2.4	S	ACi	Titan Pro	TP-22R13	RR2Y	2.2	R	CMBV
Cornelius	CB22R60	RR2Y	2.2	R	None						
Cornelius	CB24R71	RR2Y	2.4	R	None						
Cornelius	CB24R99	RR2Y	2.4	S	None						
Croplan	R2C2200	RR2Y	2.1	R	None						
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O						
Dairyland	DSR-2340/R2Y	RR2Y	2.3	MR	CMB,O						
Dairyland	DSR-2411/R2Y	RR2Y	2.4	S	CMB,O						
Dyna-Gro	S24RY73	RR2Y	2.4	R	ACi						
Federal	F224NRR2Y	RR2Y	2.2	R	ACi						
Federal	F243NRR2Y	RR2Y	2.4	R	ACi						
FS Hisoy	HS 22A21	RR2Y	2.2	R	CMB						
FS Hisoy	HS 24A01	RR2Y	2.4	S	CMB						
FS Hisoy	HS 24A32	RR2Y	2.4	R	CMB						
Great Lakes	GL2289R2	RR2Y	2.2	R	AC,PV						
Hefty	H21Y11	RR2Y	2.1	MR	I						
Hefty	H23R3	RR2Y	2.3	MR	I						
Kruger	K2-2201	RR2Y	2.2	R	ACi						
Kruger	K2-2301	RR2Y	2.3	S	ACi						
Kruger	K2-2303	RR2Y	2.3	MR	ACi						
Kruger	K2-2402	RR2Y	2.4	R	ACi						
Latham	L2585R2 CK	RR2Y	2.5	R	SS+						
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV						
LG Seeds	C2333R2	RR2Y	2.3	R	AC,PV						
NK Brand	S22-F8 §	RR2Y	2.2	S	CMBV						
NK Brand	S22-S1 §	RR2Y	2.2	R	CMBV						
NK Brand	S24-K2 §	RR2Y	2.4	S	CMBV						
NuTech/G2 Gen	7213^	RR	2.1	R	SCE						
NuTech/G2 Gen	7240^	RR	2.4	R	SCE						
Pfister	22R20	RR2Y	2.2	R	None						
Pfister	24R29	RR2Y	2.4	R	CMB						
Pioneer	92Y30 §	RR	2.3	R	None						
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV						
Prairie Brand	PB-2351R2	RR2Y	2.3	R	CMBV						
Prairie Brand	PB-2419RR2	RR2Y	2.3	S	CMBV						
Prairie Brand	PB-2468R2	RR2Y	2.3	R	CMBV						
Prairie Brand	X13241R2	RR2Y	2.3	R	CMBV						

2013 Soybean - Iowa North Central [IANC]



Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG2632 §	RR2Y	2.6	MR	AC						
Champion	26R83N	RR2Y	2.6	R	CMBV						
Channel	2605R2	RR2Y	2.6	R	ACi						
Channel	2706R2	RR2Y	2.7	MR	ACi						
Cornelius	CB26R37	RR2Y	2.6	R	None						
Cornelius	CB27R83	RR2Y	2.7	R	None						
Curry	1252	RR	2.5	R	?						
Dairyland	DSR-2612/R2Y	RR2Y	2.6	R	CMB,O						
Dyna-Gro	S25RY44	RR2Y	2.5	R	ACi						
Dyna-Gro	S27RY03	RR2Y	2.7	R	ACi						
FS Hisoy	HS 25A22	RR2Y	2.5	R	CMB						
FS Hisoy	HS 26A32	RR2Y	2.6	R	CMB						
FS Hisoy	HS 28A02	RR2Y	2.8	R	CMB						
FS Hisoy	HS 28A32	RR2Y	2.8	R	CMB						
Great Lakes	GL2829R2	RR2Y	2.8	R	AC,PV						
Hefty	H25Y12	RR2Y	2.5	MR	I						
Hefty	H26R3	RR2Y	2.6	MR	I						
Kruger	K2-2503	RR2Y	2.5	R	ACi						
Kruger	K2-2602	RR2Y	2.6	MR	ACi						
Kruger	K2-2704	RR2Y	2.7	R	ACi						
Kruger	K2-2803	RR2Y	2.8	R	ACi						
Latham	L2585R2 CK	RR2Y	2.5	R	SS+						
LG Seeds	C2672R2	RR2Y	2.6	R	AC,PV						
LG Seeds	C2835R2	RR2Y	2.8	R	AC,PV						
NK Brand	S25-E5	RR2Y	2.5	R	CMBV						
NuTech/G2 Gen	7250^	RR	2.5	R	SCE						
NuTech/G2 Gen	7261^	RR	2.6	R	SCE						
NuTech/G2 Gen	7273^	RR	2.7	R	SCE						
NuTech/G2 Gen	7286^	RR	2.8	R	SCE						
Pfister	28R21	RR2Y	2.8	R	CMB						
Pioneer	92Y51 §	RR	2.5	R	None						
Pioneer	P28T33R §	RR	2.8	R	EE,G						
Prairie Brand	PB-2506R2	RR2Y	2.5	R	CMBV						
Prairie Brand	PB-2668R2	RR2Y	2.6	R	CMBV						
Prairie Brand	PB-2886R2	RR2Y	2.8	R	CMBV						
Renk	RS283NR2	RR2Y	2.8	R	None						
SOI	2520SRR2Y	RR2Y	2.5	S	None						
Steyer	2501R2	RR2Y	2.5	MR	SSStd						
Steyer	2603R2	RR2Y	2.6	MR	SSStd						
Steyer	2702R2	RR2Y	2.7	MR	SSStd						
Stine	26RD02 §	RR2Y	2.6	R	CMB						
Titan Pro	27M32	RR2Y	2.7	R	CMBV						

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

None	Conventional, non-GMO
LL	LibertyLink®
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonylurea tolerant soybeans

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	Information not provided	Ex	Excalibre™
A	Allegiance®	G	Gaucho®
AC	Acceleron® fungicide products	I	Inovate™ System
ACi	Acceleron® fungicide and insecticide products	None	untreated
AM	ApronMaxx®	O	Optimize®
AP	Apron XL®	PV	Poncho®/Votivo®
AVB	Avicta® Complete Beans	RS	Right Stand™
C	Cruiser®	SCE	SmartCote™ Extra
CC	CurryCoat™	SDPI	Servo DPI
CMB	CruiserMaxx® Beans	SS+	Soyshield Plus™
CMBV	CruiserMaxx® Beans with Vibrance	SStd	SureStand™
DPHB	DPH Boost™	T	Trilex®
EE	Evergol™ Energy		

* Seed treatments may include unspecified plant health promoting components.