

2013 Soybean Top 30 Harvest Report

Iowa North Central [IANC] MOORLAND
 Jeff Loehr, Webster County, IA 50566



PREV. CROP/HERB: Corn / Breakfree, Impact, Atrazine
 SOIL DESCRIPTION: Nicollet-Canisteo loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 7 pH, 4.5% OM,
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Trifluralin HF, Glyphosate, Cadet, Intensity
 SEEDED - RATE - ROW: Jun 8 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 11 173,800 /A

Early-Season Test

2.1 - 2.4 Day CRM
 S2013IANC24a

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
Great Lakes	GL2289R2	RR2Y	2.2	R	AC,PV	33.0	10.7	0	154.9	\$419
Channel	2306R2	RR2Y	2.3	R	ACi	31.8	10.5	0	197.5	\$404
Asgrow	AG2433 §	RR2Y	2.4	MR	AC	29.4	10.5	0	189.8	\$373
Channel	2105R2	RR2Y	2.1	MR	ACi	29.2	10.9	0	193.6	\$371
Kruger	K2-2201	RR2Y	2.2	R	ACi	28.9	11.0	0	197.5	\$367
LG Seeds	C2333R2	RR2Y	2.3	R	AC,PV	28.4	10.2	0	189.8	\$361
Pfister	24R29	RR2Y	2.4	R	CMB	28.4	10.3	0	174.2	\$361
Prairie Brand	PB-2468R2	RR2Y	2.3	R	CMBV	27.9	10.9	0	197.5	\$354
Cornelius	CB22R60	RR2Y	2.2	R	None	27.6	11.2	0	178.1	\$351
Stine	22RD00 §	RR2Y	2.2	MR	CMB	27.5	11.9	0	174.3	\$349
Pfister	22R20	RR2Y	2.2	R	None	27.1	10.6	0	162.6	\$344
Dyna-Gro	S24RY73	RR2Y	2.4	R	ACi	27.0	9.7	0	201.4	\$343
Titan Pro	TP-22R13	RR2Y	2.2	R	CMBV	26.4	10.3	0	189.7	\$335
Kruger	K2-2402	RR2Y	2.4	R	ACi	26.3	10.3	0	197.5	\$334
Prairie Brand	PB-2230R2	RR2Y	2.1	R	CMBV	26.3	10.6	0	166.5	\$334
NuTech/G2 Gen	7240^	RR	2.4	R	SCE	26.3	11.0	0	185.9	\$334
Asgrow	AG2232 §	RR2Y	2.2	R	ACi	26.2	10.4	0	162.6	\$333
Pioneer	92Y30 §	RR	2.3	R	None	26.0	11.0	0	185.9	\$330
Titan Pro	22M12	RR2Y	2.2	R	CMBV	25.7	10.5	0	151.0	\$326
FS Hisoy	HS 24A32	RR2Y	2.4	R	CMB	25.1	10.8	0	189.7	\$319
Dairyland	DSR-2250/R2Y	RR2Y	2.2	MR	CMB,O	24.9	11.2	0	174.2	\$316
FS Hisoy	HS 22A21	RR2Y	2.2	R	CMB	24.8	10.6	0	170.4	\$315
LG Seeds	C2222R2	RR2Y	2.2	R	AC,PV	24.7	10.7	0	162.7	\$314
Federal	F224NRR2Y	RR2Y	2.2	R	ACi	24.7	11.2	0	158.7	\$314
Steyer	2202R2	RR2Y	2.2	MR	SStd	24.5	9.7	0	135.5	\$311
Channel	2207R2	RR2Y	2.2	R	ACi	23.6	10.0	0	166.5	\$300
NuTech/G2 Gen	7213^	RR	2.1	R	SCE	22.8	9.9	0	162.6	\$290
Federal	F243NRR2Y	RR2Y	2.4	R	ACi	22.5	11.0	0	185.9	\$286
Hefty	H21Y11	RR2Y	2.1	MR	I	21.5	11.6	0	131.6	\$273
Titan Pro	TP-21R63	RR2Y	2.1	MR	CMBV	21.1	9.8	0	154.9	\$268
Latham	L2585R2 CK	RR2Y	2.5	R	SS+	17.6	11.0	0	197.5	\$224

Corey Rozenboom

Test Average = **22.7** **10.7** **0** **173.8** **\$289**
 LSD (0.10) = 2.6 0.4 ns
 C.V. = 8.4 2.7

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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 was challenged all season long. Wet spring conditions delayed soybean planting in the area until June. After a 4" surplus of rain for May, weather turned very dry leaving this field nearly 7" behind the 30-year average from planting until the end of July. Plant growth was severely stunted and many varieties also suffered from presence of SDS. Pod load was light & pods/node were few.

† 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: 10/12/2013 Revised:

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 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Trifluralin HF, Glyphosate, Cadet, Intensity
 SEEDED - RATE - ROW: Jun 8 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 11 176,600 /A

Full-Season Test
2.5 - 2.8 Day CRM
 S2013IANC24b

Top 30 of 42

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
Steyer	2702R2	RR2Y	2.7	MR	SStd	31.7	10.7	0	185.9	\$403
Dyna-Gro	S27RY03	RR2Y	2.7	R	ACi	30.4	11.2	0	170.4	\$386
FS Hisoy	HS 28A02	RR2Y	2.8	R	CMB	29.6	12.2	0	174.2	\$376
Dairyland	DSR-2612/R2Y	RR2Y	2.6	R	CMB,O	28.1	12.6	0	147.1	\$357
Titan Pro	27M32	RR2Y	2.7	R	CMBV	27.9	11.3	0	174.2	\$354
Cornelius	CB27R83	RR2Y	2.7	R	None	27.9	11.6	0	185.9	\$354
FS Hisoy	HS 25A22	RR2Y	2.5	R	CMB	26.7	10.3	0	185.9	\$339
Kruger	K2-2803	RR2Y	2.8	R	ACi	26.5	10.9	0	154.9	\$337
LG Seeds	C2672R2	RR2Y	2.6	R	AC,PV	26.1	9.8	0	162.6	\$331
Pfister	28R21	RR2Y	2.8	R	CMB	25.9	12.0	0	154.9	\$329
Curry	1252	RR	2.5	R	?	25.3	10.0	0	162.6	\$321
LG Seeds	C2835R2	RR2Y	2.8	R	AC,PV	25.3	12.4	0	197.5	\$321
Stine	26RD02 §	RR2Y	2.6	R	CMB	24.8	11.5	0	166.5	\$315
NuTech/G2 Gen	7261 ^	RR	2.6	R	SCE	24.8	11.8	0	174.2	\$315
NuTech/G2 Gen	7250 ^	RR	2.5	R	SCE	24.0	11.5	0	189.7	\$305
Great Lakes	GL2829R2	RR2Y	2.8	R	AC,PV	23.9	10.0	0	185.9	\$304
Prairie Brand	PB-2668R2	RR2Y	2.6	R	CMBV	23.7	11.2	0	185.9	\$301
Renk	RS283NR2	RR2Y	2.8	R	None	23.4	11.1	0	178.1	\$297
Kruger	K2-2602	RR2Y	2.6	MR	ACi	23.2	11.4	0	166.5	\$295
Kruger	K2-2704	RR2Y	2.7	R	ACi	23.0	10.9	0	174.2	\$292
Hefty	H26R3	RR2Y	2.6	MR	I	22.9	11.5	0	162.6	\$291
Steyer	2501R2	RR2Y	2.5	MR	SStd	22.7	11.4	0	154.9	\$288
NuTech/G2 Gen	7286 ^	RR	2.8	R	SCE	22.3	10.8	0	182.0	\$283
Kruger	K2-2503	RR2Y	2.5	R	ACi	21.3	11.0	0	185.9	\$271
NK Brand	S25-E5	RR2Y	2.5	R	CMBV	21.2	10.4	0	174.2	\$269
Dyna-Gro	S25RY44	RR2Y	2.5	R	ACi	20.8	11.3	0	178.1	\$264
Channel	2706R2	RR2Y	2.7	MR	ACi	20.2	11.1	0	154.9	\$257
Steyer	2603R2	RR2Y	2.6	MR	SStd	19.6	11.4	0	197.5	\$249
NuTech/G2 Gen	7273 ^	RR	2.7	R	SCE	19.5	10.8	0	197.5	\$248
Asgrow	AG2632 §	RR2Y	2.6	MR	AC	19.5	11.4	0	193.6	\$248
Latham	L2585R2 CK	RR2Y	2.5	R	SS+	18.8	10.2	0	185.9	\$239

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Test Average = **22.3** **11.2** **0** **176.6** **\$283**
 LSD (0.10) = 3.3 0.5 ns
 C.V. = 10.9 3.4

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

TEST COMMENTS: *This site was challenged all season long. Wet spring conditions delayed soybean planting in the area until June. After a 4" surplus of rain for May, weather turned very dry leaving this field nearly 7" behind the 30-year average from planting until the end of July. Plant growth was severely stunted and many varieties also suffered from presence of SDS. Pod load was light & pods/node were few.*

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Report date: 10/12/2013 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.