

2014 Soybean Top 30 Harvest Report

Iowa South [IASO] OSKALOOSA
B.J. Boender, Mahaska County, IA 52577



Test by: F.I.R.S.T. CCB, Inc., Elizabeth, IL

PREV. CROP/HERB: Corn / Roundup, Degree Xtra, atrazine
SOIL DESCRIPTION: Ladoga silt loam, well drained, non-irrigated
SOIL CONDITIONS: High P, high K, 5.9 pH, 3.8 % OM
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Roundup
SEEDED - RATE - ROW: May 17 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 10 154,100 /A

All-Season Test
2.6 - 3.6 Day RM
S2014IASO52

Top 30 of 60

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	C2916R2	RR2Y	2.80	R	AC,PV	89.8	11.1	27	171.3	\$770
Prairie Brand	PB-3292R2	RR2Y	3.10	R	CMBV	89.4	11.9	43	149.3	\$766
FS Hisoy	HS 28A42	RR2Y	2.80	R	ACi	88.1	10.7	45	153.3	\$755
Renk	RS314NR2	RR2Y	3.10	R	CMB	86.0	11.9	34	159.3	\$737
FS Hisoy	HS 30A42	RR2Y	3.00	R	ACi	85.7	10.5	43	149.3	\$734
Pfister	30R25	RR2Y	3.00	R	CCB	84.9	11.2	29	147.3	\$728
Kruger	K2-2805	RR2Y	2.80	R	ACi	84.9	10.7	37	181.2	\$728
Pioneer	P35T58R §	RR	3.50	R	EE,G	84.9	13.1	42	149.3	\$727
FS Hisoy	HS 33A32	RR2Y	3.30	R	CMBV	84.9	14.9	51	145.3	\$724
Pfister	29R25	RR2Y	2.90	R	CCB	84.8	11.2	40	167.3	\$727
Renze	30R05R2cn	RR2Y	3.00	R	CMB	84.6	11.1	49	125.5	\$725
NK Brand	S28-A2 §	RR2Y	2.80	R	CCB	84.3	11.4	46	163.3	\$722
Asgrow	AG2933 §	RR2Y	2.90	R	ACi	84.2	11.5	32	159.3	\$722
Dyna-Gro	S36RY24	RR2Y	3.60	R	CMBV	84.0	14.0	35	137.4	\$718
Pfister	33R28	RR2Y	3.30	R	CCB	83.9	12.6	33	159.3	\$719
Kruger	K2-3402	RR2Y	3.40	R	ACi	83.6	15.0	39	159.3	\$713
Titan Pro	33M22	RR2Y	3.30	R	None	83.4	12.5	45	141.4	\$715
NK Brand	S34-Z1 §	RR2Y	3.40	R	CCB	83.3	11.9	50	157.3	\$714
Renze	36R34R2cn	RR2Y	3.60	R	CMB	83.3	14.8	33	149.3	\$711
Titan Pro	TP-31R13	RR2Y	3.10	R	CCB	82.8	10.7	50	177.2	\$710
Renze	32R24R2cn	RR2Y	3.20	R	CMB	82.3	12.3	43	153.3	\$705
Prairie Brand	PB-3124R2 GC	RR2Y	3.10	R	CMBV	81.0	11.1	48	161.3	\$694
Pioneer	P34T07R2 §	RR2Y	3.40	MR	EE,G	80.8	12.3	40	151.3	\$692
LG Seeds	C3070R2	RR2Y	3.00	R	AC,PV	80.7	11.9	55	165.3	\$692
FS Hisoy	HS 36A42	RR2Y	3.60	R	ACi	80.3	13.5	39	143.4	\$687
Pfister	34R20	RR2Y	3.40	R	CCB	80.0	14.6	38	153.3	\$683
FS Hisoy	HS 29A42	RR2Y	2.90	R	ACi	79.7	11.1	50	167.3	\$683
Stine	28RE20 §	RR2Y	2.80	R	None	79.6	11.1	29	165.3	\$682
Asgrow	AG3334 §	RR2Y	3.30	MR	ACi	79.6	12.4	41	147.3	\$682
Pfister	28R21	RR2Y	2.80	R	CCB	78.9	10.3	37	161.3	\$676

Randy Meinsma
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Test Average =	78.5	12.2	43	154.1	\$673
LSD (0.10) =	7.7	1.6	16		
LSD (0.25) =	5.4	1.1	11		
C.V. =	7.3	9.9			

Yield & Income Factors Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Price = $\frac{\$8.57}{\$8.57}$ $\frac{\text{GMO}}{\text{Non-GMO}}$

TEST COMMENTS: *This location delivered a very strong test. Plants were 36+ inches in height, loaded with an abundant number of pods containing 3 beans per pod. The tall plants had lodging problems and green stems which made harvest difficult. Grain moistures were higher in the lodged areas. The test was located on well drained soil, essential this year considering all the rain that fell in the area.*

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

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Report date: 10/11/2014 Revised:

All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed	Trt	
Asgrow	AG2632 §	RR2Y	2.60	MR	ACi		Prairie Brand	PB-3455R2 GC	RR2Y	3.40	R	CMBV		
Asgrow	AG2933 §	RR2Y	2.90	R	ACi		Prairie Brand	PB-3699R2	RR2Y	3.60	R	CMBV		
Asgrow	AG3334 §	RR2Y	3.30	MR	ACi		Renk	RS295NR2	RR2Y	2.90	R	None		
Channel	3207R2	RR2Y	3.20	MR	ACi		Renk	RS314NR2	RR2Y	3.10	R	CMB		
Channel	3308R2	RR2Y	3.30	R	ACi		Renze	30R05R2cn	RR2Y	3.00	R	CMB		
Channel	3607R2	RR2Y	3.60	MR	ACi		Renze	32R24R2cn	RR2Y	3.20	R	CMB		
Dyna-Gro	37RY33	RR2Y	3.30	R	CMBV		Renze	36R34R2cn	RR2Y	3.60	R	CMB		
Dyna-Gro	S32RY95	RR2Y	3.20	R	CMBV		Stine	28RE20 §	RR2Y	2.80	R	None		
Dyna-Gro	S36RY24	RR2Y	3.60	R	CMBV		Stine	29RD22 §	RR2Y,ST	2.90	R	None		
FS Hisoy	HS 28A42	RR2Y	2.80	R	ACi		Stine	30RE02 §	RR2Y	3.00	R	None		
FS Hisoy	HS 29A42	RR2Y	2.90	R	ACi		Titan Pro	33M22	RR2Y	3.30	R	None		
FS Hisoy	HS 30A42	RR2Y	3.00	R	ACi		Titan Pro	TP-27R54	RR2Y	2.70	R	CCB		
FS Hisoy	HS 31A32	RR2Y	3.10	R	CMBV		Titan Pro	TP-29R03	RR2Y	2.90	R	CCB		
FS Hisoy	HS 33A32	RR2Y	3.30	R	CMBV		Titan Pro	TP-31R13	RR2Y	3.10	R	CCB		
FS Hisoy	HS 34A22	RR2Y	3.40	R	CMBV		Titan Pro	TP-34R34	RR2Y	3.40	R	CCB		
FS Hisoy	HS 34A42	RR2Y	3.40	R	CMBV									
FS Hisoy	HS 36A42	RR2Y	3.60	R	ACi									
Kruger	K2-2803	RR2Y	2.80	R	ACi									
Kruger	K2-2805	RR2Y	2.80	R	ACi									
Kruger	K2-2905	RR2Y	2.90	MR	ACi									
Kruger	K2-3104	RR2Y	3.10	MR	ACi									
Kruger	K2-3204	RR2Y	3.20	R	ACi									
Kruger	K2-3303	RR2Y	3.30	R	ACi									
Kruger	K2-3402	RR2Y	3.40	R	ACi									
Kruger	K2-3502	RR2Y	3.50	MR	ACi									
LG Seeds	C2916R2	RR2Y	2.80	R	AC,PV									
LG Seeds	C3070R2	RR2Y	3.00	R	AC,PV									
LG Seeds	C3220R2	RR2Y	3.20	R	AC,PV									
NK Brand	S28-A2 §	RR2Y	2.80	R	CCB									
NK Brand	S31-R2 §	RR2Y	3.10	R	CCB									
NK Brand	S34-Z1 §	RR2Y	3.40	R	CCB									
NK Brand	S35-A5 §	RR2Y	3.50	R	CCB									
Pfister	28R21	RR2Y	2.80	R	CCB									
Pfister	29R25	RR2Y	2.90	R	CCB									
Pfister	30R25	RR2Y	3.00	R	CCB									
Pfister	33R28	RR2Y	3.30	R	CCB									
Pfister	34R20	RR2Y	3.40	R	CCB									
Pfister	35R25	RR2Y	3.50	R	CCB									
Pfister	36R29	RR2Y	3.60	R	CCB									
Pioneer	P34T07R2 §	RR2Y	3.40	MR	EE,G									
Pioneer	P35T58R §	RR	3.50	R	EE,G									
Prairie Brand	PB-2997R2	RR2Y	2.90	R	CMBV									
Prairie Brand	PB-3124R2 GC	RR2Y	3.10	R	CMBV									
Prairie Brand	PB-3292R2	RR2Y	3.10	R	CMBV									
Prairie Brand	PB-3352R2	RR2Y	3.30	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 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.