

2016 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, 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 20 164,000 /A

All-Season Test
Maturity Group 2.6 - 3.6
S2016IASO52

Top 30 of 60
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
NK Brand	S34-P7 §	RR2Y	3.4	R	CCB,Me	80.2	12.5	16	173.2	\$727
Champion	31R07N	RR2Y	3.1	R	AC,PV	80.2	11.9	49	167.3	\$727
Dyna-Gro	S35XT97	RRX	3.5	R	CCB	79.2	12.4	42	155.3	\$718
Champion	34R87N	RR2Y	3.4	R	AC,PV	78.6	12.0	32	165.3	\$712
Prairie Brand	PB-3487R2	RR2Y	3.4	R	CCB,In	77.4	12.4	29	167.3	\$701
Renk	RS316NR2	RR2Y	3.1	R	CMB	76.6	12.6	49	163.3	\$694
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	76.5	12.0	49	157.3	\$693
Pioneer	P32T16R §	RR	3.2	R	EE,G	76.2	12.3	64	185.2	\$690
Titan Pro	TP-34X86	RRX	3.4	R	IS	76.0	12.2	32	171.3	\$689
Asgrow	AG36X6 §	RRX	3.6	R	ACi	75.8	12.2	45	173.2	\$687
Kruger	K2-3503	RR2Y	3.5	R	ACi	75.7	12.0	26	165.3	\$686
Asgrow	AG32X6 §	RRX	3.2	R	ACi	75.2	12.0	46	151.3	\$681
Renk	RS317NX	RRX	3.1	R	CMB	75.0	12.7	49	145.4	\$680
Pioneer	P31T77R §	RR	3.1	R	EE,G	74.6	12.6	43	173.2	\$676
Champion	34X97N	RRX	3.4	R	AC,PV	74.3	12.9	50	179.2	\$673
Titan Pro	TP-31X26	RRX	3.1	R	IS	74.1	12.3	46	177.2	\$671
Pfister	29R25	RR2Y	2.9	R	CCB	73.7	12.3	45	177.2	\$668
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me	73.6	12.1	45	165.3	\$667
NK Brand	S36-Y6 §	RR2Y,ST	3.6	R	CCB,Me	73.6	12.6	51	173.2	\$667
Pfister	32R201	RR2Y	3.2	R	CCB	73.0	12.0	41	175.2	\$661
Titan Pro	TP-30X05	RRX	3.0	R	IS	72.8	11.7	45	159.3	\$660
Pioneer	P27T47R GC	RR	2.7	R	EE,G,IL	72.6	12.2	23	167.3	\$658
Stine	30RE02 §	RR2Y	3.0	R	SFI	72.6	12.3	45	151.3	\$658
FS HiSoy	HS 33X60	RRX	3.3	R	ACi,CI	72.5	12.0	46	149.3	\$657
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,CI	72.4	12.7	25	167.3	\$656
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	72.1	12.2	50	167.3	\$653
Dairyland	DSR-3630/R2Y	RR2Y	3.6	R	CMB	72.1	12.0	59	187.2	\$653
Pfister	30R205	RR2Y	3.0	R	CCB	71.9	12.1	49	149.3	\$651
LG Seeds	C3321R2	RR2Y	3.3	R	CCB	71.8	12.1	40	147.4	\$651
Champion	32X77N	RRX	3.2	R	AC,PV	71.3	11.9	29	159.3	\$646

Averages = **70.4** **12.3** **46** **164.0** **\$638**

LSD (0.10) = 6.8 1.2 15

LSD (0.25) = 4.7 0.9 10

C.V. = 7.1 Prev. years avg. yield, 66.6 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.037 Prices = \$9.06 GMO; \$9.06 non-GMO

TEST COMMENTS: *Weather conditions were very good at this well drained test site for seedling emergence and soybean growth. Plants were very tall, around 52 inches, which resulted in considerable lodging. Plants were matured very well with stems and pods so dry, it was a challenge to obtain clean grain in the tank. Soybean grain was small sized. No weed pressure or major disease issues noted.*

† 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: 10/21/2016 Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmax® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMmax® 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 FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

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

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.