2016 Soybean Top 30 Harvest Report

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



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

HARVESTED - STAND:	Oct 20	164,000 /A						Aver	age of (3) F	Replication
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Brand	d† Technol.†	Mat.	Resist.	Trt.†	◆ Bu/A	%	%	(x 1000)	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/R2	Y RR2Y	2.9	R	CMB	72.1	12.2	50	167.3	\$653
Dairyland	DSR-3630/R2	Y 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
No 1					Averages =	70.4	12.3	46	164.0	\$638
1=111				LS	SD (0.10) =	6.8	1.2	15		
Randy Meinsma				LS	SD (0.25) =	4.7	0.9	10		

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3Drying = \$0.037Prices = \$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.

Additional reports available at www.firstseedtests.com Report Date: 10/21/2016 Revised:

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Prev. years avg. yield, 66.6 bu/a, 12 yrs



2016 Soybean - Iowa South [IASO]

All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Compa
Asgrow	AG30X6 §	RRX	3.0	MR	ACi	Renk
Asgrow	AG32X6 §	RRX	3.2	R	ACi	Renk
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Renk
Champion	31R07N	RR2Y	3.1	R	AC,PV	Renk
Champion	32X77N	RRX	3.2	R	AC,PV	Renk
Champion	34R87N	RR2Y	3.4	R	AC,PV	Renk
Champion	34X97N	RRX	3.4	R	AC,PV	Renk
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	Stine
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	Stine
Dairyland	DSR-3434/R2Y	RR2Y	3.4	R	CMB	Stine
Dairyland	DSR-3630/R2Y	RR2Y	3.6	R	CMB	Titan Pı
Dyna-Gro	S30RY26	RR2Y	3.0	R	CCB	Titan Pı
Dyna-Gro	S33RY76	RR2Y	3.3	R	CCB	Titan Pı
Dyna-Gro	S35XT97	RRX	3.5	R	CCB	Titan Pı
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	Titan Pı
FS HiSoy	HS 29X60	RRX	2.9	R	ACi	
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	
FS HiSoy	HS 32A50	RR2Y	3.2	R	ACi,Cl	
FS HiSoy	HS 33X60	RRX	3.3	R	ACi,Cl	
FS HiSoy	HS 34A50	RR2Y	3.4	R	ACi,Cl	
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,Cl	
Kruger	K2-3005	RR2Y	3.0	R	ACi	
Kruger	K2-3503	RR2Y	3.5	R	ACi	
LG Seeds	C3321R2	RR2Y	3.3	R	CCB	
LG Seeds	C3550RX	RRX	3.5	R	CCB	
NK Brand	S34-P7 §	RR2Y	3.4	R	CCB,Me	
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me	
NK Brand	S36-Y6 §	RR2Y,ST	3.6	R	CCB,Me	
Pfister	26R204	RR2Y	2.6	R	CCB	
Pfister	28R202	RR2Y	2.8	R	CCB	
Pfister	29R25	RR2Y	2.9	R	CCB	
Pfister	30R205	RR2Y	3.0	R	CCB	
Pfister	32R201	RR2Y	3.2	R	CCB	
Pfister	35R201	RR2Y	3.5	R	CCB	
Pfister	35R25	RR2Y	3.5	R	CCB	
Pioneer	92Y51 §	RR	2.5	R	EE,G	
Pioneer	P25T51R GC	RR	2.5	R	EE,G	
Pioneer	P27T47R GC	RR	2.7	R	EE,G,IL	
Pioneer	P28T08R GC	RR	2.8	R	EE,G,IL	
Pioneer	P31T77R §	RR	3.1	R	EE,G	
Pioneer	P32T16R §	RR	3.2	R	EE,G	
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CCB,In	
Prairie Brand	PB-3087R2	RR2Y	3.0	R	CCB,In	
Prairie Brand	PB-3377R2	RR2Y	3.3	R	CCB,In	
Prairie Brand	PB-3487R2	RR2Y	3.4	R	CCB,In	

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Renk	RS276NX	RRX	2.8	R	AM
Renk	RS286NR2	RR2Y	2.8	R	CMBV
Renk	RS306NX	RRX	3.0	R	AM
Renk	RS316NR2	RR2Y	3.1	R	CMB
Renk	RS317NX	RRX	3.1	R	CMB
Renk	RS335NR2	RR2Y	3.3	R	CMB
Renk	RS357NX	RRX	3.5	R	CMB
Stine	29RE22 §	RR2Y,ST	2.9	R	SFI
Stine	30RE02 §	RR2Y	3.0	R	SFI
Stine	33RH20 §	RR2Y,ST	3.3	R	SFI
Titan Pro	TP-26X16	RRX	2.6	R	IS
Titan Pro	TP-28X45	RRX	2.8	R	IS
Titan Pro	TP-30X05	RRX	3.0	R	IS
Titan Pro	TP-31X26	RRX	3.1	R	IS
Titan Pro	TP-34X86	RRX	3.4	R	IS



Footnotes and Abbreviation Descriptions

Brand Footnotes

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G2® brand seed is distributed by NuTech Seed, LLC. 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® 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 FIRST when space permits. United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
Р	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
Cl	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		

 $[\]ensuremath{^{*}}$ Seed treatments may include unspecified plant health promoting components.