

2016 Soybean Top 30 Harvest Report

Iowa South [IASO] OAKLAND

Mark & Keith Bentley, Pottawattamie County, IA 51560



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

PREV. CROP/HERB: Corn / Roundup
 SOIL DESCRIPTION: Marshall silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.4 pH, 4 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Roundup
 SEEDED - RATE - ROW: May 19 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 21 161,100 /A

All-Season Test
Maturity Group 2.6 - 3.6
 S2016IASO51

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	S36-Y6 §	RR2Y,ST	3.6	R	CCB,Me	83.9	12.4	3	151.3	\$760
Renk	RS335NR2	RR2Y	3.3	R	CMB	82.9	12.3	2	161.3	\$751
Dairyland	DSR-3434/R2Y	RR2Y	3.4	R	CMB	82.8	11.9	7	189.2	\$750
Dairyland	DSR-3630/R2Y	RR2Y	3.6	R	CMB	82.5	11.6	9	159.3	\$747
Prairie Brand	PB-3377R2	RR2Y	3.3	R	CCB,In	81.6	12.1	2	147.4	\$739
Pioneer	P32T16R §	RR	3.2	R	EE,G	80.8	12.0	1	157.3	\$732
Asgrow	AG30X6 §	RRX	3.0	MR	ACi	80.8	12.5	7	157.3	\$732
LG Seeds	C3321R2	RR2Y	3.3	R	CCB	80.6	12.4	7	163.3	\$730
Pfister	29R25	RR2Y	2.9	R	CCB	80.4	12.2	1	189.2	\$728
Pfister	26R204	RR2Y	2.6	R	CCB	80.4	12.4	11	159.3	\$728
Pfister	35R25	RR2Y	3.5	R	CCB	80.3	12.3	2	153.3	\$728
Renk	RS286NR2	RR2Y	2.8	R	CMBV	80.3	12.8	2	173.2	\$728
Pioneer	92Y51 §	RR	2.5	R	EE,G	80.0	12.2	2	167.3	\$725
Pioneer	P31T77R §	RR	3.1	R	EE,G	79.8	12.5	1	161.3	\$723
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	79.7	12.4	4	175.2	\$722
Stine	33RH20 §	RR2Y,ST	3.3	R	SFI	79.5	12.4	1	159.3	\$720
Dyna-Gro	S30RY26	RR2Y	3.0	R	CCB	79.1	12.1	1	157.3	\$717
NK Brand	S34-P7 §	RR2Y	3.4	R	CCB,Me	78.9	11.9	1	181.2	\$715
Pioneer	P28T08R GC	RR	2.8	R	EE,G,IL	78.9	12.3	1	173.2	\$715
FS HiSoy	HS 34A50	RR2Y	3.4	R	ACi,CI	78.9	12.4	1	155.3	\$715
Champion	32X77N	RRX	3.2	R	AC,PV	78.7	12.3	1	175.2	\$713
Dyna-Gro	S33RY76	RR2Y	3.3	R	CCB	78.6	12.2	1	163.3	\$712
Pfister	28R202	RR2Y	2.8	R	CCB	78.1	12.0	5	163.3	\$708
Renk	RS316NR2	RR2Y	3.1	R	CMB	78.0	12.4	6	171.3	\$707
Pioneer	P25T51R GC	RR	2.5	R	EE,G	77.9	12.5	1	157.3	\$706
Champion	31R07N	RR2Y	3.1	R	AC,PV	77.6	12.0	2	163.3	\$703
Kruger	K2-3503	RR2Y	3.5	R	ACi	77.4	12.0	1	149.3	\$701
Pioneer	P27T47R GC	RR	2.7	R	EE,G,IL	77.2	12.4	1	173.2	\$699
Renk	RS357NX	RRX	3.5	R	CMB	77.0	12.4	1	141.4	\$698
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	76.6	12.2	1	157.3	\$694

Averages = **76.7** **12.3** **2** **161.1** **\$695**

LSD (0.10) = 4.9 0.4 2

LSD (0.25) = 3.4 0.3 2

C.V. = 4.7 Prev. years avg. yield, 69.5 bu/a, 5 yrs

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

TEST COMMENTS: *Planting conditions and weather were ideal for seedling emergence. Rainfall and temperatures were ideal all season. At harvest, plant height was very uniform, around 48 inches. Plants had dry stems, good pod sets and stood very well with no lodging problems. No weed or disease issues were seen at harvest. Plant maturation and dry down was an area challenge that delayed harvest.*

† 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: 10/24/2016 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.