

2016 Soybean Top 30 Harvest Report
 Iowa South [IASO] WASHINGTON
 Tom Vittetoe, Washington County, IA 52353



PREV. CROP/HERB: Corn / Roundup
 SOIL DESCRIPTION: Mahaska silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6 pH, 3.7 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: 2,4-D, Roundup PowerMax, Flexstar, Select
 SEEDED - RATE - ROW: May 21 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 18 161,300 /A

All-Season Test
Maturity Group 2.6 - 3.6
 S2016IASO53

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
Pioneer	P31T77R §	RR	3.1	R	EE,G	76.9	12.9	8	159.3	\$697
Champion	34X97N	RRX	3.4	R	AC,PV	76.9	12.6	10	161.3	\$697
NK Brand	S34-P7 §	RR2Y	3.4	R	CCB,Me	75.5	12.4	4	159.3	\$684
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me	74.9	12.6	29	157.3	\$679
Champion	32X77N	RRX	3.2	R	AC,PV	73.9	12.8	19	175.2	\$670
Champion	34R87N	RR2Y	3.4	R	AC,PV	73.6	12.5	9	177.2	\$667
Pioneer	P32T16R §	RR	3.2	R	EE,G	73.6	12.4	29	165.3	\$667
Titan Pro	TP-34X86	RRX	3.4	R	IS	73.5	12.8	10	159.3	\$666
Pioneer	P27T47R GC	RR	2.7	R	EE,G,IL	72.6	12.2	6	141.4	\$658
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	70.9	12.6	51	161.3	\$642
Titan Pro	TP-31X26	RRX	3.1	R	IS	70.5	12.6	14	139.4	\$639
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	70.5	12.7	54	155.3	\$639
Prairie Brand	PB-3487R2	RR2Y	3.4	R	CCB,In	68.7	12.8	6	147.4	\$622
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,Ci	68.7	12.6	10	141.4	\$622
Stine	33RH20 §	RR2Y,ST	3.3	R	SFI	68.2	13.1	22	157.3	\$618
LG Seeds	C3550RX	RRX	3.5	R	CCB	67.6	12.4	11	149.3	\$612
Pfister	30R205	RR2Y	3.0	R	CCB	67.5	12.5	45	155.3	\$612
Champion	31R07N	RR2Y	3.1	R	AC,PV	66.7	12.6	26	161.3	\$604
Asgrow	AG36X6 §	RRX	3.6	R	ACi	66.6	12.6	20	167.3	\$603
Renk	RS317NX	RRX	3.1	R	CMB	66.3	13.0	25	151.3	\$601
Renk	RS306NX	RRX	3.0	R	AM	66.0	12.4	46	153.3	\$598
Titan Pro	TP-26X16	RRX	2.6	R	IS	65.8	12.4	22	141.4	\$596
Dyna-Gro	S30RY26	RR2Y	3.0	R	CCB	65.5	12.6	36	157.3	\$593
Renk	RS286NR2	RR2Y	2.8	R	CMBV	65.5	12.6	42	179.2	\$593
Prairie Brand	PB-3087R2	RR2Y	3.0	R	CCB,In	65.5	12.6	54	173.2	\$593
FS HiSoy	HS 33X60	RRX	3.3	R	ACi,Ci	65.3	12.7	18	151.3	\$592
Dyna-Gro	S35XT97	RRX	3.5	R	CCB	65.1	12.9	11	179.2	\$590
Titan Pro	TP-28X45	RRX	2.8	R	IS	64.6	12.9	15	193.2	\$585
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	64.5	12.9	20	153.3	\$584
Asgrow	AG32X6 §	RRX	3.2	R	ACi	64.4	12.3	45	151.3	\$583

Averages = **64.1** **12.7** **29** **161.3** **\$580**
 LSD (0.10) = 7.0 0.4 14
 LSD (0.25) = 4.9 0.3 10
 C.V. = 8.1 Prev. years avg. yield, 62.1 bu/a, 6 yrs

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

TEST COMMENTS: Harvest was delayed a bit, waiting for late maturing beans to dry down. Plants ranged from 43 to 50 inches tall with tough stems on some varieties. The taller varieties had quite a bit of lodging. Pods were small and contained small seed. There was no evidence of major disease issues here but sudden death syndrome was in area fields.

† 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: 10/19/2016 Revised:

2016 Soybean - Iowa South [IASO]

All-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG30X6 §	RRX	3.0	MR	ACi
Asgrow	AG32X6 §	RRX	3.2	R	ACi
Asgrow	AG36X6 §	RRX	3.6	R	ACi
Champion	31R07N	RR2Y	3.1	R	AC,PV
Champion	32X77N	RRX	3.2	R	AC,PV
Champion	34R87N	RR2Y	3.4	R	AC,PV
Champion	34X97N	RRX	3.4	R	AC,PV
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB
Dairyland	DSR-3434/R2Y	RR2Y	3.4	R	CMB
Dairyland	DSR-3630/R2Y	RR2Y	3.6	R	CMB
Dyna-Gro	S30RY26	RR2Y	3.0	R	CCB
Dyna-Gro	S33RY76	RR2Y	3.3	R	CCB
Dyna-Gro	S35XT97	RRX	3.5	R	CCB
FS HiSoy	HS 28X50	RRX	2.8	R	ACi
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,Ci
FS HiSoy	HS 33X60	RRX	3.3	R	ACi,Ci
FS HiSoy	HS 34A50	RR2Y	3.4	R	ACi,Ci
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,Ci
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

^	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. 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
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.