

2016 Soybean Top 30 Harvest Report

Iowa South [IASO] WINTERSET

Mike Erdman, Madison County, IA 50273



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

PREV. CROP/HERB: Corn / Roundup
 SOIL DESCRIPTION: Sharpsburg silty clay loam, well drained, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.8 pH, 3.5 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Roundup, Envive, Enlite, Priaxor
 SEEDING - RATE - ROW: May 18 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 24 165,300 /A

All-Season Test
Maturity Group 2.6 - 3.6
 S2016IASO54

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
Titan Pro	TP-34X86	RRX	3.4	R	IS	86.8	10.3	2	169.3	\$786
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CCB,In	85.5	10.1	1	181.2	\$775
Stine	30RE02 §	RR2Y	3.0	R	SFI	85.5	10.5	2	169.3	\$775
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	84.9	10.0	3	161.3	\$769
Champion	31R07N	RR2Y	3.1	R	AC,PV	84.6	9.6	3	175.2	\$766
Dyna-Gro	S35XT97	RRX	3.5	R	CCB	84.4	10.3	2	155.3	\$765
Pioneer	P25T51R GC	RR	2.5	R	EE,G	83.2	10.3	1	165.3	\$754
Dyna-Gro	S33RY76	RR2Y	3.3	R	CCB	83.2	10.0	2	163.3	\$754
Champion	34X97N	RRX	3.4	R	AC,PV	83.1	10.1	2	165.3	\$753
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,CI	83.1	10.3	2	153.3	\$753
Dairyland	DSR-3630/R2Y	RR2Y	3.6	R	CMB	83.0	9.7	6	179.2	\$752
Asgrow	AG32X6 §	RRX	3.2	R	ACi	82.7	9.9	1	209.1	\$749
Pfister	29R25	RR2Y	2.9	R	CCB	82.6	10.1	1	171.3	\$748
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	82.5	10.0	2	173.2	\$747
NK Brand	S34-P7 §	RR2Y	3.4	R	CCB,Me	82.3	10.1	1	177.2	\$746
FS HiSoy	HS 33X60	RRX	3.3	R	ACi,CI	82.1	10.0	1	147.4	\$744
Renk	RS316NR2	RR2Y	3.1	R	CMB	82.1	10.2	2	159.3	\$744
Pfister	35R25	RR2Y	3.5	R	CCB	81.9	10.1	3	181.2	\$742
FS HiSoy	HS 32A50	RR2Y	3.2	R	ACi,CI	81.4	10.0	1	173.2	\$737
LG Seeds	C3550RX	RRX	3.5	R	CCB	81.3	10.0	2	169.3	\$737
Prairie Brand	PB-3487R2	RR2Y	3.4	R	CCB,In	81.2	10.1	1	159.3	\$736
Pfister	35R201	RR2Y	3.5	R	CCB	81.0	9.9	2	163.3	\$734
Stine	33RH20 §	RR2Y,ST	3.3	R	SFI	81.0	9.9	3	165.3	\$734
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me	81.0	10.1	4	155.3	\$734
Renk	RS335NR2	RR2Y	3.3	R	CMB	80.9	10.3	2	181.2	\$733
Pioneer	P32T16R §	RR	3.2	R	EE,G	80.8	9.9	1	179.2	\$732
Pioneer	P31T77R §	RR	3.1	R	EE,G	80.8	10.5	2	175.2	\$732
Champion	32X77N	RRX	3.2	R	AC,PV	80.7	9.9	1	171.3	\$731
Pfister	32R201	RR2Y	3.2	R	CCB	80.6	9.9	2	141.4	\$730
FS HiSoy	HS 34A50	RR2Y	3.4	R	ACi,CI	80.6	10.1	2	165.3	\$730

Averages = **79.5** **10.2** **2** **165.3** **\$721**

LSD (0.10) = 4.3 0.4 2

LSD (0.25) = 3.0 0.3 1

C.V. = 4.0 Prev. years avg. yield, 67.1 bu/a, 12 yrs

Randy Meinsma

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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: *This test was planted into very good conditions. Located on a ridge top gave drainage in an year with ample rain all season. At harvest, plants were well matured, 43 to 50 inches in height, without lodging issues, filled with compact pod sets to the top. Pods contained average size seed. Mike reported that later planted beans out-yielded early planted due to sudden death in early planted 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: 10/25/2016 Revised:

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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	AG30X6 §	RRX	3.0	MR	ACi	Renk	RS276NX	RRX	2.8	R	AM
Asgrow	AG32X6 §	RRX	3.2	R	ACi	Renk	RS286NR2	RR2Y	2.8	R	CMBV
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Renk	RS306NX	RRX	3.0	R	AM
Champion	31R07N	RR2Y	3.1	R	AC,PV	Renk	RS316NR2	RR2Y	3.1	R	CMB
Champion	32X77N	RRX	3.2	R	AC,PV	Renk	RS317NX	RRX	3.1	R	CMB
Champion	34R87N	RR2Y	3.4	R	AC,PV	Renk	RS335NR2	RR2Y	3.3	R	CMB
Champion	34X97N	RRX	3.4	R	AC,PV	Renk	RS357NX	RRX	3.5	R	CMB
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	Stine	29RE22 §	RR2Y,ST	2.9	R	SFI
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	Stine	30RE02 §	RR2Y	3.0	R	SFI
Dairyland	DSR-3434/R2Y	RR2Y	3.4	R	CMB	Stine	33RH20 §	RR2Y,ST	3.3	R	SFI
Dairyland	DSR-3630/R2Y	RR2Y	3.6	R	CMB	Titan Pro	TP-26X16	RRX	2.6	R	IS
Dyna-Gro	S30RY26	RR2Y	3.0	R	CCB	Titan Pro	TP-28X45	RRX	2.8	R	IS
Dyna-Gro	S33RY76	RR2Y	3.3	R	CCB	Titan Pro	TP-30X05	RRX	3.0	R	IS
Dyna-Gro	S35XT97	RRX	3.5	R	CCB	Titan Pro	TP-31X26	RRX	3.1	R	IS
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	Titan Pro	TP-34X86	RRX	3.4	R	IS
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						

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.