

# 2016 Soybean Top 30 Harvest Report

Iowa South Central [ IASC ] ANAMOSA  
 Jim & Jeremy Baker, Linn County, IA 52205



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

PREV. CROP/HERB: Corn / Roundup, atrazine, Guardsman Max  
 SOIL DESCRIPTION: Kenyon/Clyde-Floyd loam, well drained, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.4 pH, 4.4 % OM  
 TILLAGE/CULTIVATION: No-till  
 PEST MANAGEMENT: Verdict, Authority Assist, Buccaneer  
 SEEDED - RATE - ROW: May 21 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 19 161,900 /A

**Early-Season Test**  
**Maturity Group 2.4 - 2.7**  
 S2016IASC41a

**Top 30 of 36**  
 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
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me	<b>74.4</b>	13.1	7	161.3	\$674
Champion	26R36N	RR2Y	2.6	MR	AC,PV	<b>71.9</b>	13.9	3	149.3	\$649
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL	<b>71.8</b>	14.0	32	139.4	\$648
Hefty	H24X6	RRX	2.4	MR	DST	<b>70.3</b>	13.4	46	153.3	\$636
Cornelius	CB26R30	RR2Y	2.6	MR	CMBV,IL	<b>70.2</b>	13.0	7	139.4	\$636
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	<b>67.8</b>	13.7	29	173.2	\$613
Renk	RS265NR2	RR2Y	2.6	MR	CMBV	65.6	13.4	16	169.3	\$593
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL	65.0	13.3	10	135.4	\$588
Champion	27X96N	RRX	2.7	R	AC,PV	64.8	13.4	17	145.4	\$586
Pfister	26R204	RR2Y	2.6	R	CCB	63.9	13.9	64	159.3	\$577
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In	62.8	13.7	19	177.2	\$567
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB	62.3	13.7	55	165.3	\$563
Asgrow	AG24X7 §	RRX	2.4	R	ACi	61.9	13.9	41	165.3	\$559
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS	60.9	13.1	13	153.3	\$552
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	60.7	13.6	8	135.4	\$549
Prairie Brand	PB-2788R2	RR2Y,ST	2.7	R	CCB,In	60.2	13.7	10	187.2	\$544
Hefty	H25X7	RRX	2.5	MR	DST	60.2	14.0	21	151.3	\$543
Latham	L2482R2	RR2Y	2.4	R	CCB,Me	59.7	13.8	20	193.2	\$539
Kruger	K2-2603	RR2Y	2.6	MR	ACi	59.5	13.3	33	179.2	\$538
Champion	25X97N	RRX	2.5	R	AC,PV	59.0	13.7	14	173.2	\$533
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	58.7	13.8	46	169.3	\$530
Hefty	H27X6	RRX	2.7	MR	None	58.0	13.9	22	169.3	\$524
Pfister	24R201	RR2Y	2.4	R	CCB	57.0	13.8	26	161.3	\$515
Pioneer	P24T05R §	RR	2.4	R	EE,G	56.4	13.9	2	163.3	\$509
Stine	24RH62 §	RR2Y	2.4	R	SFI	56.3	14.0	20	157.3	\$508
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	54.6	13.9	37	169.3	\$493
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	52.9	13.9	42	179.2	\$478
Latham	L2454R2X	RRX	2.4	S	CCB,Me	51.4	14.0	32	179.2	\$464
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me	49.1	14.0	22	167.3	\$443
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,CI	48.6	13.9	10	167.3	\$439
Pioneer	P28T08R CK	RR	2.8	R	EE,G,IL	60.5	13.4	7	137.4	\$547

Averages = **59.0** **13.7** **24** **161.9** **\$533**  
 LSD (0.10) = 8.8 0.5 15  
 LSD (0.25) = 6.1 0.4 11  
 C.V. = 10.9 Prev. years avg. yield, 62.2 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:** *Planting conditions and overall weather were very good here, resulting in very tall beans. Sudden death syndrome (SDS) was observed in a few varieties. There were few pods in the top of these plants which reduced yield and increased test yield variability. Lodging was common in the tall plants. Jeremy stated that soybean harvest has been a challenge this year as grain was slow to dry down.*

† 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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 PEST MANAGEMENT: Verdict, Authority Assist, Buccaneer  
 SEEDING - RATE - ROW: May 21 170,000 /A 15" Spacing  
 HARVESTED - STAND: Oct 19 155,000 /A

**Full-Season Test**  
**Maturity Group 2.8 - 3.1**  
 S2016IASC41b

**Top 30 of 48**  
 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
Hefty	H31X7	RRX	3.1	MR	DST	<b>73.3</b>	12.7	26	135.4	\$664
NK Brand	S30-V6 §	RR2Y	3.0	R	CCB,Me	<b>71.3</b>	12.4	32	159.3	\$646
Pfister	30R205	RR2Y	3.0	R	CCB	<b>70.3</b>	12.7	42	179.2	\$637
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CCB,In	66.2	12.4	42	155.3	\$600
Stine	30RE02 §	RR2Y	3.0	R	SFI	65.2	12.5	46	161.3	\$591
Pioneer	P27T47R §	RR	2.7	R	EE,G,IL	65.0	12.5	7	145.4	\$589
Prairie Brand	PB-3087R2	RR2Y	3.0	R	CCB,In	64.6	12.5	54	137.4	\$585
Steyer	2805R2	RR2Y	2.8	MR	SStd	64.5	12.6	46	163.3	\$584
Champion	31R07N	RR2Y	3.1	R	AC,PV	64.4	12.3	41	151.3	\$583
Steyer	3002R2	RR2Y	3.0	MR	SStd	63.9	12.5	25	159.3	\$579
Hefty	H29X6	RRX	2.9	MR	DST	63.5	12.7	41	121.5	\$575
Pfister	29R25	RR2Y	2.9	R	CCB	63.5	12.6	55	183.2	\$575
Champion	28R85N	RR2Y	2.8	R	AC,PV	62.9	12.9	37	171.3	\$570
Pioneer	P32T16R §	RR	3.2	R	EE,G	62.5	12.7	41	183.2	\$566
Champion	29X96N	RRX	2.9	R	AC,PV	62.5	12.7	50	177.2	\$566
Cornelius	CB28R58	RR2Y	2.8	R	CMBV,IL	62.0	12.7	50	185.2	\$562
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	61.3	12.8	37	155.3	\$555
Titan Pro	TP-31X26	RRX	3.1	R	IS	61.2	13.5	23	169.3	\$553
LG Seeds	C3026RX	RRX	3.0	R	CCB	60.7	12.6	50	141.4	\$550
Latham	L2884R2	RR2Y	2.8	R	CCB	60.5	12.7	31	149.3	\$548
Kruger	K2-3005	RR2Y	3.0	R	ACi	60.1	12.6	49	161.3	\$545
Titan Pro	TP-30X05	RRX	3.0	R	IS	59.7	12.7	59	161.3	\$541
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	59.7	12.8	59	149.3	\$541
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	59.6	12.8	12	145.4	\$540
Latham	L2859R2X	RRX	2.8	R	CCB,Me	59.5	12.5	17	135.4	\$539
Cornelius	CB28X73	RRX	2.8	R	CMBV,IL	59.4	12.7	21	165.3	\$538
Cornelius	CB31X13	RRX	3.1	R	CMBV,IL	59.2	12.6	23	157.3	\$536
Asgrow	AG30X6 §	RRX	3.0	MR	ACi	59.1	12.6	46	161.3	\$535
Hefty	H30X6	RRX	3.0	MR	None	59.0	12.5	37	179.2	\$535
Cornelius	CB29R69	RR2Y	2.9	R	CMBV,IL	58.2	12.8	7	139.4	\$527
Pioneer	P28T08R CK	RR	2.8	R	EE,G,IL	59.9	12.8	27	137.4	\$543

Averages =	<b>59.1</b>	<b>12.7</b>	<b>37</b>	<b>155.0</b>	<b>\$536</b>
LSD (0.10) =	8.0	0.4	17		
LSD (0.25) =	5.6	0.3	12		
C.V. =	9.9				

Randy Meinsma

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Report Date: 10/21/2016 Revised:

**2016 Soybean - Iowa South Central [ IASC ]**

**Early-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG24X7 §	RRX	2.4	R	ACi						
Champion	25X97N	RRX	2.5	R	AC,PV						
Champion	26R36N	RR2Y	2.6	MR	AC,PV						
Champion	27X96N	RRX	2.7	R	AC,PV						
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL						
Cornelius	CB26R30	RR2Y	2.6	MR	CMBV,IL						
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL						
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB						
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,Ci						
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,Ci						
Hefty	H24X6	RRX	2.4	MR	DST						
Hefty	H25X7	RRX	2.5	MR	DST						
Hefty	H26X7	RRX	2.6	MR	DST						
Hefty	H27X6	RRX	2.7	MR	None						
Kruger	K2-2603	RR2Y	2.6	MR	ACi						
Latham	L2454R2X	RRX	2.4	S	CCB,Me						
Latham	L2482R2	RR2Y	2.4	R	CCB,Me						
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me						
Latham	L2758R2	RR2Y	2.7	R	CCB,Me						
LG Seeds	C2441R2	RR2Y	2.4	R	CCB						
LG Seeds	C2520R2	RR2Y	2.5	R	CCB						
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me						
Pfister	24R201	RR2Y	2.4	R	CCB						
Pfister	26R204	RR2Y	2.6	R	CCB						
Pioneer	P24T05R §	RR	2.4	R	EE,G						
Pioneer	P28T08R CK	RR	2.8	R	EE,G,IL						
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In						
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In						
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In						
Prairie Brand	PB-2788R2	RR2Y,ST	2.7	R	CCB,In						
Renk	RS265NR2	RR2Y	2.6	MR	CMBV						
Stine	24RE03 §	RR2Y	2.4	MR	SFI						
Stine	24RH62 §	RR2Y	2.4	R	SFI						
Titan Pro	TP-24R26	RR2Y	2.4	R	IS						
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS						
Titan Pro	TP-26X16	RRX	2.6	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.