

2016 Soybean Top 30 Harvest Report

Iowa South Central [IASC] YALE
Dennis Mleynek, Guthrie County, IA 50216



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

PREV. CROP/HERB: Corn / Roundup, Cadet
SOIL DESCRIPTION: Clarion loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 6 pH, 4.4 % OM
TILLAGE/CULTIVATION: Minimum w/ fall till
PEST MANAGEMENT: Cadet, Roundup
SEEDED - RATE - ROW: May 22 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 25 158,400 /A

Early-Season Test
Maturity Group 2.4 - 2.7
S2016IASC44a

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
Champion	27X96N	RRX	2.7	R	AC,PV	68.9	11.2	1	149.3	\$624
Asgrow	AG24X7 §	RRX	2.4	R	ACi	68.1	11.2	1	165.3	\$617
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL	68.1	11.3	4	159.3	\$617
Hefty	H24X6	RRX	2.4	MR	DST	66.4	11.2	3	165.3	\$602
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB	66.4	11.7	26	151.3	\$602
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me	65.9	11.6	8	183.2	\$597
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	65.9	11.7	16	157.3	\$597
Stine	24RH62 §	RR2Y	2.4	R	SFI	65.2	11.5	6	149.3	\$591
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	65.0	11.8	25	167.3	\$589
Latham	L2482R2	RR2Y	2.4	R	CCB,Me	64.8	11.2	4	151.3	\$587
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,CI	64.2	12.2	2	143.4	\$582
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	63.6	11.5	5	171.3	\$576
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL	63.3	11.4	1	157.3	\$573
Pfister	24R201	RR2Y	2.4	R	CCB	63.0	11.6	9	153.3	\$571
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	62.9	11.4	2	155.3	\$570
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	62.6	11.4	1	157.3	\$567
Kruger	K2-2603	RR2Y	2.6	MR	ACi	62.6	11.5	15	157.3	\$567
Titan Pro	TP-26X16	RRX	2.6	R	IS	62.3	11.1	3	159.3	\$564
Hefty	H26X7	RRX	2.6	MR	DST	61.8	11.2	5	151.3	\$560
Champion	25X97N	RRX	2.5	R	AC,PV	61.3	11.0	1	157.3	\$555
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	61.1	11.4	2	149.3	\$554
Cornelius	CB26R30	RR2Y	2.6	MR	CMBV,IL	60.2	11.1	1	179.2	\$545
Pfister	26R204	RR2Y	2.6	R	CCB	59.7	11.8	33	169.3	\$541
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	59.5	11.4	5	149.3	\$539
Pioneer	P24T05R §	RR	2.4	R	EE,G	58.2	11.3	1	163.3	\$527
Champion	26R36N	RR2Y	2.6	MR	AC,PV	57.5	11.2	1	157.3	\$521
Prairie Brand	PB-2788R2	RR2Y,ST	2.7	R	CCB,In	56.7	10.8	1	163.3	\$514
Hefty	H27X6	RRX	2.7	MR	None	56.7	10.9	1	147.4	\$514
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In	54.9	11.2	2	163.3	\$497
Stine	24RE03 §	RR2Y	2.4	MR	SFI	54.7	11.4	29	155.3	\$496
Pioneer	P28T08R CK	RR	2.8	R	EE,G,IL	64.8	10.8	1	155.3	\$587

Averages =	61.0	11.3	6	158.4	\$553
LSD (0.10) =	6.8	0.3	9		
LSD (0.25) =	4.7	0.2	7		
C.V. =	8.1				Prev. years avg. yield, 57.7 bu/a, 13 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 condition were very good at this site. Plant heights ranged from 35 to 40 inches. Internodes were short at the plant bottom but lengthened at the plant top. There were signs of sudden death syndrome which impacted yield on a few varieties. Seeds were average size. Growing conditions in the area have been very good. Later maturity products seem to look lot better here this year.*

† 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: 10/26/2016 Revised:

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SOIL CONDITIONS: Moderate P, moderate K, 6 pH, 4.4 % OM
TILLAGE/CULTIVATION: Minimum w/ fall till
PEST MANAGEMENT: Cadet, Roundup
SEEDED - RATE - ROW: May 22 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 25 161,600 /A

Full-Season Test
Maturity Group 2.8 - 3.1
S2016IASC44b

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
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CCB,In	73.1	10.5	2	159.3	\$662
Champion	28R85N	RR2Y	2.8	R	AC,PV	72.1	10.8	5	151.3	\$653
Pfister	29R25	RR2Y	2.9	R	CCB	71.6	10.5	1	151.3	\$649
Stine	30RE02 §	RR2Y	3.0	R	SFI	71.2	10.3	1	145.4	\$645
Cornelius	CB29R69	RR2Y	2.9	R	CMBV,IL	71.2	10.7	2	165.3	\$645
Renk	RS286NR2	RR2Y	2.8	R	CMBV	71.0	10.7	1	139.4	\$643
Pioneer	P32T16R §	RR	3.2	R	EE,G	70.8	10.3	1	165.3	\$641
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	70.6	10.7	1	163.3	\$640
Latham	L2884R2	RR2Y	2.8	R	CCB	70.0	10.3	1	161.3	\$634
Renk	RS306NX	RRX	3.0	R	AM	69.5	10.1	1	171.3	\$630
Cornelius	CB31X13	RRX	3.1	R	CMBV,IL	69.3	10.5	1	173.2	\$628
Asgrow	AG28X7 §	RRX	2.8	R	ACi	68.9	10.6	3	171.3	\$624
Titan Pro	TP-31X26	RRX	3.1	R	IS	68.0	10.4	1	151.3	\$616
Prairie Brand	PB-3087R2	RR2Y	3.0	R	CCB,In	67.8	10.5	2	159.3	\$614
FS HiSoy	HS 29X60	RRX	2.9	R	ACi	67.6	10.5	2	159.3	\$612
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	67.5	11.0	2	173.2	\$612
Hefty	H31X7	RRX	3.1	MR	DST	67.2	10.3	1	161.3	\$609
Steyer	2805R2	RR2Y	2.8	MR	SStd	65.6	10.6	1	169.3	\$594
Pioneer	P27T47R §	RR	2.7	R	EE,G,IL	65.3	10.6	1	163.3	\$592
Hefty	H29X6	RRX	2.9	MR	DST	65.2	10.3	2	145.4	\$591
Champion	29X96N	RRX	2.9	R	AC,PV	64.7	10.2	5	193.2	\$586
Renk	RS316NR2	RR2Y	3.1	R	CMB	64.6	10.6	2	145.4	\$585
Cornelius	CB28X73	RRX	2.8	R	CMBV,IL	64.5	10.5	1	153.3	\$584
NK Brand	S30-V6 §	RR2Y	3.0	R	CCB,Me	64.5	10.8	4	157.3	\$584
Renk	RS276NX	RRX	2.8	R	AM	64.4	10.6	7	165.3	\$583
Latham	L2984R2X	RRX	2.9	R	SS+	64.3	10.4	1	185.2	\$583
Champion	31R07N	RR2Y	3.1	R	AC,PV	64.3	10.2	3	181.2	\$583
Cornelius	CB28R58	RR2Y	2.8	R	CMBV,IL	64.1	10.5	1	175.2	\$581
Titan Pro	TP-30X05	RRX	3.0	R	IS	63.8	10.2	2	161.3	\$578
Pfister	30R205	RR2Y	3.0	R	CCB	63.6	10.4	2	149.3	\$576
Pioneer	P28T08R CK	RR	2.8	R	EE,G,IL	65.2	10.2	1	179.2	\$591

Averages =	65.3	10.5	2	161.6	\$591
LSD (0.10) =	6.0	0.2	3		
LSD (0.25) =	4.2	0.2	2		
C.V. =	6.8				Prev. years avg. yield, 57.7 bu/a, 13 yrs

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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.