

2016 Soybean Top 30 Harvest Report

Iowa South Central [IASC] SLATER
Jason Krause, Story County, IA 50244



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

PREV. CROP/HERB: Corn / Durango, atrazine
SOIL DESCRIPTION: Canisteo clay loam, mod. well drained, non-irrigated
SOIL CONDITIONS: Moderate P, moderate K, 6.8 pH, 3.8 % OM
TILLAGE/CULTIVATION: Minimum w/ fall till
PEST MANAGEMENT: trifluralin, Roundup PowerMax, Sinister, Fusilade DX
SEEDED - RATE - ROW: May 16 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 17 157,000 /A

Early-Season Test
Maturity Group 2.4 - 2.7
S2016IASC42a

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	
Cornelius	CB26R30	RR2Y	2.6	MR	CMBV,IL	70.9	13.7	4	149.3	\$641	
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	70.9	13.5	6	139.4	\$641	
Pfister	26R204	RR2Y	2.6	R	CCB	70.0	14.4	25	157.3	\$631	
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL	68.7	13.6	2	157.3	\$621	
Hefty	H24X6	RRX	2.4	MR	DST	68.7	14.0	18	153.3	\$620	
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	68.7	14.4	14	151.3	\$619	
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	67.6	14.2	4	185.2	\$609	
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB	65.8	14.1	25	159.3	\$593	
Champion	26R36N	RR2Y	2.6	MR	AC,PV	65.3	13.8	1	173.2	\$590	
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	65.2	13.9	4	155.3	\$589	
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL	63.3	13.8	3	161.3	\$572	
Hefty	H26X7	RRX	2.6	MR	DST	63.1	13.6	1	137.4	\$570	
Asgrow	AG24X7 §	RRX	2.4	R	ACi	63.0	13.9	1	143.4	\$569	
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	62.9	13.6	3	155.3	\$568	
Champion	25X97N	RRX	2.5	R	AC,PV	62.9	13.6	5	147.4	\$568	
Prairie Brand	PB-2788R2	RR2Y,ST	2.7	R	CCB,In	62.6	14.2	14	155.3	\$564	
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	61.8	14.0	6	173.2	\$558	
Latham	L2482R2	RR2Y	2.4	R	CCB,Me	61.6	13.9	4	163.3	\$556	
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me	61.2	14.1	1	155.3	\$552	
Titan Pro	TP-26R35	RR2Y	2.6	MR	IS	60.9	13.7	4	153.3	\$550	
Titan Pro	TP-26X16	RRX	2.6	R	IS	60.3	13.6	4	145.4	\$545	
Pioneer	P24T05R §	RR	2.4	R	EE,G	60.1	13.5	1	157.3	\$543	
Stine	24RE03 §	RR2Y	2.4	MR	SFI	60.1	14.1	6	145.4	\$542	
Champion	27X96N	RRX	2.7	R	AC,PV	60.0	13.8	4	165.3	\$542	
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,CI	60.0	14.2	4	159.3	\$541	
Latham	L2454R2X	RRX	2.4	S	CCB,Me	59.8	13.8	6	169.3	\$540	
Hefty	H25X7	RRX	2.5	MR	DST	59.6	13.9	4	143.4	\$538	
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	59.1	13.7	2	143.4	\$534	
Kruger	K2-2603	RR2Y	2.6	MR	ACi	58.2	13.7	6	167.3	\$526	
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In	58.1	13.9	4	145.4	\$524	
Pioneer	P28T08R CK	RR	2.8	R	EE,G,IL	72.1	13.7	6	171.3	\$651	
						Averages =	62.2	13.9	6	157.0	\$561
						LSD (0.10) =	7.5	0.4	12		
						LSD (0.25) =	5.2	0.3	8		
						C.V. =	8.8				

Randy Meinsma
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Prev. years avg. yield, 51.5 bu/a, 10 yrs

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

TEST COMMENTS: Jason stated that this was an odd year for harvesting soybeans due to poor dry down. They may finish corn harvest before soybeans as a result. So far, he is pleased with soybean yield levels. Plants are mature with dry stems that are 42 to 50" tall. Taller varieties were lodging. No significant disease or weed issues noted. Rainfall July through September was above normal in this area.

† 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: 10/18/2016 Revised:

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TILLAGE/CULTIVATION: Minimum w/ fall till
PEST MANAGEMENT: trifluralin, Roundup PowerMax, Sinister, Fusilade DX
SEEDED - RATE - ROW: May 16 170,000 /A 15" Spacing
HARVESTED - STAND: Oct 17 158,700 /A

Full-Season Test
Maturity Group 2.8 - 3.1
S2016IASC42b

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
Latham	L2884R2	RR2Y	2.8	R	CCB	72.5	14.5	40	161.3	\$653
Steyer	2805R2	RR2Y	2.8	MR	SStd	71.6	14.8	21	163.3	\$644
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CCB,In	69.2	14.8	45	171.3	\$622
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	69.0	14.8	14	155.3	\$621
Pioneer	P32T16R §	RR	3.2	R	EE,G	68.7	14.9	24	167.3	\$618
Champion	28R85N	RR2Y	2.8	R	AC,PV	67.3	15.0	25	161.3	\$605
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	67.0	14.6	20	167.3	\$603
Hefty	H28X6	RRX	2.8	MR	DST	66.9	14.9	10	159.3	\$601
Renk	RS286NR2	RR2Y	2.8	R	CMBV	66.8	15.0	41	147.4	\$600
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	66.5	15.0	27	159.3	\$598
Hefty	H31X7	RRX	3.1	MR	DST	65.6	15.1	10	151.3	\$589
Hefty	H29X6	RRX	2.9	MR	DST	65.1	14.3	13	151.3	\$587
Cornelius	CB28R58	RR2Y	2.8	R	CMBV,IL	65.1	14.8	18	149.3	\$585
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	64.7	14.6	8	147.4	\$582
Champion	31R07N	RR2Y	3.1	R	AC,PV	64.4	14.6	14	147.4	\$580
Hefty	H30X6	RRX	3.0	MR	None	64.4	14.9	18	153.3	\$579
NK Brand	S30-V6 §	RR2Y	3.0	R	CCB,Me	64.2	14.7	34	171.3	\$578
Titan Pro	TP-30X05	RRX	3.0	R	IS	64.0	14.6	33	159.3	\$576
Cornelius	CB28X73	RRX	2.8	R	CMBV,IL	64.0	14.9	17	155.3	\$575
FS HiSoy	HS 28A42	RR2Y	2.8	R	ACi,CI	63.9	14.8	1	165.3	\$575
Latham	L2984R2X	RRX	2.9	R	SS+	63.5	14.6	14	153.3	\$572
Steyer	2806XR	RRX	2.8	MR	SStd	63.5	14.5	15	161.3	\$572
Renk	RS316NR2	RR2Y	3.1	R	CMB	63.4	15.0	10	177.2	\$570
Steyer	3003XR	RRX	3.0	MR	SStd	63.2	14.8	22	147.4	\$568
Pfister	28R202	RR2Y	2.8	R	CCB	62.9	14.6	20	179.2	\$566
Pfister	30R205	RR2Y	3.0	R	CCB	62.8	14.8	22	153.3	\$565
Pioneer	P27T47R §	RR	2.7	R	EE,G,IL	62.5	14.9	2	175.2	\$562
Cornelius	CB29R69	RR2Y	2.9	R	CMBV,IL	62.4	15.0	6	157.3	\$561
LG Seeds	C3026RX	RRX	3.0	R	CCB	62.4	14.9	12	151.3	\$561
Titan Pro	TP-31X26	RRX	3.1	R	IS	62.2	15.1	4	175.2	\$559
Pioneer	P28T08R CK	RR	2.8	R	EE,G,IL	68.3	14.0	13	157.3	\$616

Averages =	63.3	14.7	18	158.7	\$569
LSD (0.10) =	5.3	0.5	20		
LSD (0.25) =	3.7	0.4	14		
C.V. =	6.2				

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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. 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.