### 2016 Soybean Top 30 Harvest Report

Iowa South Central [ IASC ] VICTOR Dan DeRycke, Poweshiek County, IA 52347



PREV. CROP/HERB: Corn / 2,4-D, Lumax

SOIL DESCRIPTION: Ackmore silt loam, well drained, non-irrigated SOIL CONDITIONS: Moderate P, moderate K, 6.8 pH, 2.9 % OM

TILLAGE/CULTIVATION: No-till

PEST MANAGEMENT: Prefix, Roundup

SEEDED - RATE - ROW: May 17 170,000 /A 15" Spacing

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

S2016IASC43a

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For Gross Income (Sorted by Yield) Average of (3) Replications

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HARVESTED - STAND:	Nov 1	160,900 /A						Avera	age of ( <b>3</b> ) F	Replications	
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross	
Company/Brand	Product/Brand	d† Technol.†	Mat.	Resist.	Trt.†	◆ Bu/A	%	%	(x 1000)	Income	
LG Seeds	C2520R2	RR2Y	2.5	R	CCB	81.2	14.8	81	177.2	\$730	
Latham	L2482R2	RR2Y	2.4	R	CCB,Me	80.9	14.5	54	169.3	\$728	
Pfister	24R201	RR2Y	2.4	R	CCB	79.6	14.5	60	173.2	\$717	
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL	78.4	15.0	30	171.3	\$705	
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,Cl	76.6	14.9	22	175.2	\$689	
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL	76.4	14.6	81	151.3	\$688	
Prairie Brand	PB-2486R2	RR2Y	2.4	R	CCB,In	75.7	14.6	65	185.2	\$681	
Asgrow	AG24X7 §	RRX	2.4	R	ACi	74.3	14.5	54	143.4	\$669	
Champion	27X96N	RRX	2.7	R	AC,PV	74.1	14.8	42	153.3	\$666	
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	73.4	14.6	70	161.3	\$661	
Latham	L2758R2	RR2Y	2.7	R	CCB,Me	70.8	14.3	34	143.4	\$638	
Stine	24RH62 §	RR2Y	2.4	R	SFI	69.5	14.6	81	171.3	\$626	
Hefty	H24X6	RRX	2.4	MR	DST	69.5	14.7	81	145.4	\$625	
Champion	26R36N	RR2Y	2.6	MR	AC,PV	68.9	14.7	20	173.2	\$620	
Champion	25X97N	RRX	2.5	R	AC,PV	68.2	14.4	43	141.4	\$614	
Hefty	H26X7	RRX	2.6	MR	DST	67.9	14.3	32	149.3	\$612	
Cornelius	CB26R30	RR2Y	2.6	MR	CMBV,IL	67.8	14.5	14	175.2	\$611	
Titan Pro	TP-26X16	RRX	2.6	R	IS	67.5	14.4	33	165.3	\$608	
Hefty	H27X6	RRX	2.7	MR	None	67.2	14.6	26	161.3	\$605	
Pioneer	P24T05R §	RR	2.4	R	EE,G	66.9	14.8	11	143.4	\$602	
Latham	L2645R2	RR2Y	2.6	MR	CCB,Me	66.9	14.9	7	151.3	\$601	
Prairie Brand	PB-2600R2	RR2Y	2.6	MR	CCB,In	66.8	14.8	20	163.3	\$601	
LG Seeds	C2441R2	RR2Y	2.4	R	CCB	66.6	14.5	54	173.2	\$600	
Prairie Brand	PB-2576R2	RR2Y	2.5	R	CCB,In	66.2	14.9	75	153.3	\$595	
Kruger	K2-2603	RR2Y	2.6	MR	ACi	65.2	14.6	50	153.3	\$587	
Dairyland	DSR-2707/R2	2Y RR2Y	2.7	MR	CMB	64.9	15.1	70	175.2	\$583	
Stine	24RE03 §	RR2Y	2.4	MR	SFI	64.7	14.6	81	171.3	\$582	
NK Brand	S26-P3 §	RR2Y	2.6	MR	CCB,Me	63.8	14.9	41	153.3	\$574	
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,Cl	63.8	15.1	35	143.4	\$573	
Pfister	26R204	RR2Y	2.6	R	CCB	63.5	14.6	75	163.3	\$572	
Pioneer	P28T08R CK	RR	2.8	R	EE,G,IL	66.7	14.7	55	141.4	\$600	
n/					Averages =	68.0	14.7	47	160.9	\$612	
1=111				LS	SD (0.10) =	7.3	0.3	17			
Randy Meinsma				LS	SD (0.25) =		0.2	12			
randym@firstseedtes	randym@firstseedtests.com, (815) 238-8007						C.V. = 7.9 Prev. years avg. yield, 66.8 bu/a, 4				

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

TEST COMMENTS: Planting conditions were very good at this site. Final stands appeared to be lower amoung the later varieties. Sudden death syndrome was more apparent on later varieties which had fewer pods in the upper plant than early maturity beans. Plant lodging made harvest a challenge. Damp weather slowed plant drydown, delaying harvest. Seed size was large and good quality. No weed control issues.

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

Additional reports available at www.firstseedtests.com

Revised:

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Report Date: 11/02/2016

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TILLAGE/CULTIVATION: No-till

PEST MANAGEMENT: Prefix, Roundup

SEEDED - RATE - ROW: May 17 170,000 /A 15" Spacing

Full-Season Test Maturity Group 2.8 - 3.1

S2016IASC43b

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For Gross Income (Sorted by Yield)

Average of (3) Replications

SEEDED TOTTE ROW.	way ii	110,000 // (	.о ор	aomig					201110 (30110	
HARVESTED - STAND:	Nov 1	158,100 /A						Avera	age of ( <b>3</b> ) F	Replications
				SCN	Seed	Yield	Moisture	Lodging	Stand	Gross
Company/Brand	Product/Bran	nd† Technol.†	Mat.	Resist.	Trt.†	♥ Bu/A	%	%	(x 1000)	Income
Pioneer	P32T16R §	RR	3.2	R	EE,G	79.0	13.8	70	161.3	\$713
Champion	29X96N	RRX	2.9	R	AC,PV	78.9	14.0	65	161.3	\$712
Steyer	2805R2	RR2Y	2.8	MR	SStd	78.7	14.1	70	149.3	\$710
Pioneer	P27T47R §	RR	2.7	R	EE,G,IL	77.9	14.1	46	151.3	\$703
Prairie Brand	PB-2997R2	RR2Y	2.8	R	CCB,In	76.4	14.2	65	155.3	\$689
Hefty	H28X6	RRX	2.8	MR	DST	75.8	14.1	75	153.3	\$684
Cornelius	CB29R69	RR2Y	2.9	R	CMBV,IL	75.8	14.4	40	141.4	\$683
Hefty	H30X6	RRX	3.0	MR	None	74.7	14.0	65	153.3	\$674
Prairie Brand	PB-3087R2	RR2Y	3.0	R	CCB,In	74.5	14.1	75	151.3	\$672
Cornelius	CB28R58	RR2Y	2.8	R	CMBV,IL	73.3	14.1	81	161.3	\$661
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	73.2	14.1	27	143.4	\$660
LG Seeds	C3026RX	RRX	3.0	R	CCB	72.3	14.0	54	163.3	\$652
NK Brand	S30-V6 §	RR2Y	3.0	R	CCB,Me	72.1	13.9	55	167.3	\$651
FS HiSoy	HS 29X60	RRX	2.9	R	ACi	71.7	13.9	81	173.2	\$647
Prairie Brand	PB-2876R2	RR2Y	2.8	R	CCB,In	71.5	14.8	43	155.3	\$643
Champion	31R07N	RR2Y	3.1	R	AC,PV	71.3	13.9	54	171.3	\$644
Pfister	28R202	RR2Y	2.8	R	CCB	70.7	14.1	75	173.2	\$638
Cornelius	CB31X13	RRX	3.1	R	CMBV,IL	70.7	14.4	49	149.3	\$637
Hefty	H31X7	RRX	3.1	MR	DST	70.3	14.4	65	147.4	\$633
Titan Pro	TP-31X26	RRX	3.1	R	IS	70.2	14.1	45	145.4	\$633
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	70.2	14.1	50	167.3	\$633
LG Seeds	C2890R2	RR2Y	2.8	R	CCB	69.7	14.3	38	153.3	\$628
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	69.6	14.4	70	147.4	\$627
Renk	RS306NX	RRX	3.0	R	AM	69.2	14.3	65	143.4	\$624
Pfister	30R205	RR2Y	3.0	R	CCB	69.0	13.6	75	175.2	\$624
FS HiSoy	HS 28A42	RR2Y	2.8	R	ACi,Cl	69.0	13.8	75	143.4	\$623
Champion	28R85N	RR2Y	2.8	R	AC,PV	68.6	14.0	75	153.3	\$619
Latham	L2884R2	RR2Y	2.8	R	CCB	68.1	13.8	60	141.4	\$615
Kruger	K2-3005	RR2Y	3.0	R	ACi	67.7	14.0	75	163.3	\$611
Renk	RS316NR2	RR2Y	3.1	R	CMB	67.4	14.3	45	175.2	\$607
Pioneer	P28T08R CK	RR	2.8	R	EE,G,IL	64.8	14.0	66	149.3	\$585
M/					Averages =		14.1	63	158.1	\$623
1 - Mb					SD(0.10) =		0.4	19		
Randy Meinsma				LS	SD (0.25) =		0.3	13		
randym@firstseedte		C.V. = 7.8 Prev. years avg. yield, 66.8 bu/a, 4					bu/a, 4 yrs			

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

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Report Date: 11/02/2016 Revised: 11/8/2016

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Data table totally new. Previous results were from Yale full-season test. Discard 11/2 version.



# 2016 Soybean - Iowa South Central [ IASC ]

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

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		AC,PV
Champion	27X96N	RRX	2.7	R	AC,PV
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL
Cornelius	CB26R30	RR2Y	2.6	MR	
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,Cl
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,Cl
Hefty	H24X6	RRX	2.4		DST
Hefty	H25X7	RRX	2.5	MR	
Hefty	H26X7	RRX	2.6	MR	
Hefty	H27X6	RRX	2.7		None
Kruger	K2-2603	RR2Y	2.6	MR	
Latham	L2454R2X	RRX	2.4	S	CCB,Me
Latham	L2482R2	RR2Y	2.4	R	CCB,Me
Latham	L2645R2	RR2Y	2.6	MR	
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	
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	
Prairie Brand	PB-2788R2	RR2Y,ST	2.7	R	CCB,In
Renk	RS265NR2	RR2Y	2.6	MR	
Stine	24RE03 §	RR2Y	2.4	MR	
Stine	24RH62 §	RR2Y	2.4	R	SFI
Titan Pro	TP-24R26	RR2Y	2.4	R	IS
Titan Pro	TP-26R35	RR2Y		MR	
Titan Pro	TP-26X16	RRX	2.6		



# 2016 Soybean - Iowa South Central [ IASC ]

# **Full-Season Test Products (48 Total)**

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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 Doebler's 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
Р	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\*

<u>.</u>			
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
Cl	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		

 $<sup>\</sup>ensuremath{^{*}}$  Seed treatments may include unspecified plant health promoting components.