

2016 Soybean Top 30 Harvest Report
 Illinois North Central [ILNC] THOMASBORO
 Joe Burke, Champaign County, IL 61878



PREV. CROP/HERB: Corn / Staunch, atrazine, Impact
 SOIL DESCRIPTION: Drummer-Raub silty clay loam, moderately drained, irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.3 pH, 3 % OM
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Sonic, Roundup PowerMax, Battle Star
 SEEDED - RATE - ROW: May 25 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 28 137,900 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2016ILNC03

Top 30 of 72
 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
Asgrow	AG32X6 §	RRX	3.2	R	ACi	68.2	16.7	23	139.4	\$647
LG Seeds	C3321R2	RR2Y	3.3	R	CCB	67.7	17.0	5	139.4	\$642
Steyer	3805R2	RR2Y	3.8	MR	SStd	67.4	16.7	0	136.5	\$639
Great Heart	GT-3580X	RRX	3.5	R	Gr+	66.7	16.8	0	136.5	\$633
Titan Pro	TP-31X26	RRX	3.1	R	IS	66.7	17.2	4	133.6	\$632
Stone	2RX3527	RRX	3.5	R	ACi	66.4	16.8	0	139.4	\$630
Renk	RS335NR2	RR2Y	3.3	R	CMB	66.4	17.1	6	139.4	\$629
FS HiSoy	HS 37X60	RRX	3.7	R	ACi,CI	66.0	17.1	0	139.4	\$626
Asgrow	AG35X7 §	RRX	3.5	R	ACi	65.9	16.9	2	133.6	\$625
Pfister	32R201	RR2Y	3.2	R	CCB	65.5	17.1	2	136.5	\$621
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	65.4	16.9	6	139.4	\$620
Titan Pro	TP-34X86	RRX	3.4	R	IS	65.2	16.9	0	136.5	\$618
Steyer	3408XR	RRX	3.4	MR	SStd	65.2	17.0	0	139.4	\$618
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,CI	65.1	16.7	0	136.5	\$618
Great Heart	GT-3810X	RRX	3.8	R	Gr+	65.1	17.1	4	136.5	\$617
Renk	RS357NX	RRX	3.5	R	CMB	65.0	16.7	3	139.4	\$617
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	65.0	17.2	9	136.5	\$616
Steyer	3301R2	RR2Y	3.3	MR	SStd	64.9	17.2	1	139.4	\$615
Stine	32RF02 §	RR2Y	3.2	R	SFI	64.8	17.0	4	136.5	\$614
Asgrow	AG36X6 §	RRX	3.6	R	ACi	64.5	17.0	1	139.4	\$611
Renk	RS317NX	RRX	3.1	R	CMB	64.5	17.3	1	133.6	\$611
Hefty	H34X7	RRX	3.4	MR	DST	64.4	17.0	1	139.4	\$611
Titan Pro	TP-37X96	RRX	3.7	R	IS	64.2	16.9	3	139.4	\$609
FS HiSoy	HS 34A50	RR2Y	3.4	R	ACi,CI	64.0	17.0	3	133.6	\$607
Dyna-Gro	S35XT97	RRX	3.5	R	CCB	63.5	16.6	3	139.4	\$602
FS HiSoy	HS 38X60	RRX	3.8	R	ACi,CI	63.4	17.4	0	136.5	\$601
Hefty	H29X6	RRX	2.9	MR	DST	63.3	16.9	2	139.4	\$600
NK Brand	S37-Z8 §	RR2Y	3.7	R	CCB,Me	63.2	17.0	1	139.4	\$599
Pfister	35R201	RR2Y	3.5	R	CCB	63.1	16.8	1	139.4	\$598
Pfister	30R205	RR2Y	3.0	R	CCB	63.0	17.3	7	133.6	\$597

Averages = **62.5** **16.9** **5** **137.9** **\$593**

LSD (0.10) = 5.0 0.6 9

LSD (0.25) = 3.5 0.4 6

C.V. = 5.9 Prev. years avg. yield, 64.9 bu/a, 1 yr

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.56 GMO; \$9.56 non-GMO

TEST COMMENTS: *Joe's conventional tillage soybean field planted great, and provided excellent final populations. Timely and abundant in-season rains produced very large plants (48-60" tall) that lodged slightly. Seed size was large and of good quality. Replication 1, harvested before a rain, averaged 11% grain moisture while reps 2 & 3, harvested days later, had 19-20% moisture, elevating average grain moisture.*

† 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: 10/29/2016 Revised:

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All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG32X6 §	RRX	3.2	R	ACi	Pioneer	P31T11R §	RR	3.1	R	EE,G
Asgrow	AG35X7 §	RRX	3.5	R	ACi	Pioneer	P34T07R2 §	RR2Y	3.4	R	None
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Pioneer	P36T14R2 §	RR2Y	3.6	R	None
Asgrow	AG38X6 §	RRX	3.8	R	ACi	Renk	RS306NX	RRX	3.0	R	AM
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	Renk	RS316NR2	RR2Y	3.1	R	CMB
Dairyland	DSR-3434/R2Y	RR2Y	3.4	R	CMB	Renk	RS317NX	RRX	3.1	R	CMB
Dairyland	DSR-3630/R2Y	RR2Y	3.6	R	CMB	Renk	RS335NR2	RR2Y	3.3	R	CMB
Dyna-Gro	S33RY76	RR2Y	3.3	R	CCB	Renk	RS357NX	RRX	3.5	R	CMB
Dyna-Gro	S33XT07	RRX	3.3	R	ACi	Steyer	3002R2	RR2Y	3.0	MR	SStd
Dyna-Gro	S35XT97	RRX	3.5	R	CCB	Steyer	3110XR	RRX	3.1	MR	SStd
Dyna-Gro	S37XT47	RRX	3.7	R	CCB	Steyer	3301R2	RR2Y	3.3	MR	SStd
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	Steyer	3302XR	RRX	3.3	MR	SStd
FS HiSoy	HS 29X60	RRX	2.9	R	ACi	Steyer	3408XR	RRX	3.4	MR	SStd
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	Steyer	3605R2	RR2Y	3.6	MR	SStd
FS HiSoy	HS 33X60	RRX	3.3	R	ACi,Ci	Steyer	3706XR	RRX	3.7	MR	SStd
FS HiSoy	HS 34A50	RR2Y	3.4	R	ACi,Ci	Steyer	3805R2	RR2Y	3.8	MR	SStd
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,Ci	Stine	32RF02 §	RR2Y	3.2	R	SFI
FS HiSoy	HS 37X60	RRX	3.7	R	ACi,Ci	Stine	38RE02 §	RR2Y	3.8	R	SFI
FS HiSoy	HS 38X60	RRX	3.8	R	ACi,Ci	Stone	2RX2827	RRX	2.8	R	ACi
Great Heart	GT-3580X	RRX	3.5	R	Gr+	Stone	2RX3116	RRX	3.1	MR	ACi
Great Heart	GT-361CR2	RR2Y	3.6	MR	Gr+	Stone	2RX3337	RRX	3.3	R	ACi
Great Heart	GT-3701X	RRX	3.7	R	Gr+	Stone	2RX3527	RRX	3.5	R	ACi
Great Heart	GT-3810X	RRX	3.8	R	Gr+	Stone	2RX3827	RRX	3.8	R	ACi
Hefty	H28X6	RRX	2.8	MR	DST	Titan Pro	TP-28X45	RRX	2.8	R	IS
Hefty	H29X6	RRX	2.9	MR	DST	Titan Pro	TP-31X26	RRX	3.1	R	IS
Hefty	H30X6	RRX	3.0	MR	None	Titan Pro	TP-34X86	RRX	3.4	R	IS
Hefty	H31X7	RRX	3.1	MR	DST	Titan Pro	TP-37X96	RRX	3.7	R	IS
Hefty	H32X7	RRX	3.2	MR	DST						
Hefty	H34X7	RRX	3.4	MR	DST						
LG Seeds	C3321R2	RR2Y	3.3	R	CCB						
LG Seeds	C3550RX	RRX	3.5	R	CCB						
LG Seeds	C3989R2	RR2Y	3.8	R	CCB						
NK Brand	S28-N6	RR2Y	2.8	R	CCB,Me						
NK Brand	S30-V6 §	RR2Y	3.0	R	CCB,Me						
NK Brand	S35-C3 §	RR2Y	3.5	R	CCB,Me						
NK Brand	S36-Y6	RR2Y,ST	3.6	R	CCB,Me						
NK Brand	S37-Z8 §	RR2Y	3.7	R	CCB,Me						
NK Brand	S38-W4	RR2Y	3.8	R	CCB,Me						
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						
Pfister	37RS01	RR2Y,ST	3.7	R	CCB						
Pfister	38R202	RR2Y	3.8	R	CCB						

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.