

2017 Soybean Top 30 Harvest Report

Illinois North Central [ILNC] THOMASBORO

Joe Burke, Champaign County, IL 61878



Test by: 3rd Party Comparisons, LLC, Owaneco, IL

PREV. CROP/HERB: Corn / Staunch, Impact, atrazine, Roundup PowerMax
 SOIL DESCRIPTION: Drummer-Raub silty clay loam, moderately drained, non-irrigated
 SOIL CONDITIONS: Medium P, high K, 6.7 pH, 2.9% OM, 20.4 CEC
 TILLAGE/CULTIVATION: Minimum w/ fall till
 PEST MANAGEMENT: Sonic, Glory 4L, Abundit Edge, Battle Star, Volunteer, Quilt XL, Proaxis
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 17 140,000 /A 30" Spacing
 HARVESTED - STAND: Nov 3 128,900 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2017ILNC02

Top 30 of 63
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSoy	HS 38X70	RRX,ST	3.8	R	75.7	19.5	0	127.8	\$701	1
NK Brand	S35-K9X	RRX	3.5	R	74.8	19.6	0	130.7	\$692	2
Asgrow	AG36X6 §	RRX	3.6	R	74.5	19.8	0	127.8	\$689	3
Hefty	H28X8	RRX	2.8	R	74.0	19.6	0	127.8	\$685	4
Golden Harvest	GH2788X	RRX	2.7	R	73.8	19.4	0	130.7	\$684	5
Golden Harvest	GH3546X §	RRX	3.5	R	73.7	20.0	0	130.7	\$682	6
Titan Pro	TP-30X77	RRX	3.0	MR	73.6	19.5	0	124.9	\$682	7
Pioneer	P38A98X §	RRX	3.8	R	73.6	19.7	0	130.7	\$681	8
FS HiSoy	HS 28X70	RRX	2.8	R	73.1	19.6	0	130.7	\$677	9
Titan Pro	TP-28X47	RRX	2.8	MR	73.0	19.4	0	130.7	\$676	10
LG Seeds	C3550RX	RRX	3.5	R	72.6	19.8	0	130.7	\$672	11
Pfister	36R207	RR2Y	3.6	R	72.6	19.8	0	127.8	\$672	12
Dyna-Gro	S37XT28	RRX	3.7	R	72.5	19.5	0	124.9	\$671	13
Titan Pro	TP-31X26	RRX	3.1	R	72.4	19.9	0	130.7	\$670	14
Hefty	H37X8S	RRX,ST	3.7	R	72.4	20.4	0	130.7	\$669	15
Stone	2RX3628	RRX	3.6	R	72.2	19.6	0	127.8	\$668	16
Golden Harvest	GH3324X §	RRX	3.3	R	72.2	19.8	0	127.8	\$668	17
Hefty	H34X7	RRX	3.4	R	72.1	19.5	0	130.7	\$668	18
Great Heart	GT-3711XS	RRX,ST	3.7	R	71.8	19.4	0	130.7	\$665	19
Stone	2RX3527	RRX	3.5	R	71.6	19.6	0	130.7	\$663	20
Golden Harvest	GH2981X	RRX	2.9	R	71.3	19.6	0	127.8	\$660	21
Pfister	32R201	RR2Y	3.2	R	71.2	19.7	0	127.8	\$659	22
NK Brand	S37-H5X	RRX	3.7	R	71.1	20.1	2	127.8	\$658	23
Renk	RS357NX	RRX	3.5	R	70.9	19.3	0	130.7	\$657	24
Asgrow	AG38X8 §	RRX	3.8	R	70.9	19.9	0	130.7	\$656	25
Titan Pro	TP-37X57	RRX	3.7	MR	70.8	19.4	0	130.7	\$656	26
Hefty	H35X8	RRX	3.5	R	70.7	19.5	0	124.9	\$655	27
Titan Pro	TP-34X86	RRX	3.4	R	70.7	19.6	0	127.8	\$655	28
Stone	2RX3827	RRX	3.8	R	70.7	19.9	0	127.8	\$654	29
Dyna-Gro	S35XT97	RRX	3.5	R	70.6	19.3	0	124.9	\$654	30

Averages = **70.4** **19.6** **0** **128.9** **\$652**

LSD (0.10) = 3.3 0.3 0.5

LSD (0.25) = 2.3 0.2 0.3

C.V. = 3.4 Prev. years avg. yield, 61.9 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.39 GMO; \$9.39 non-GMO

TEST COMMENTS: *Despite the windy dry dust storms during planting, this site's good soil conditions promoted good emergence and uniform stands. Joe said that his farm received an August rain which helped bump up yields. Plant heights ranged from 36-48 inches tall. Site had very little lodging. Pod development was good. Seed size was very large (2400 seeds/lb).*

† 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: 11/05/2017 Revised:

2017 Soybean - Illinois North Central [ILNC]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG33X8 §	RRX	3.3	R	ACi	Pioneer	P38A98X §	RRX	3.8	R	EE,G,IL
Asgrow	AG36X6 §	RRX	3.6	R	ACi	Renk	RS288NX	RRX	2.8	R	AM,IL
Asgrow	AG38X8 §	RRX	3.8	R	ACi	Renk	RS317NX	RRX	3.1	R	EcTC
Dairyland	DSR-3434/R2Y	RR2Y	3.4	MR	CMB	Renk	RS328NX	RRX	3.2	R	AM,IL
Dairyland	DSR-3555/R2Y	RR2Y	3.5	MR	CMB	Renk	RS348NX	RRX	3.4	R	AM,IL
Dyna-Gro	S34XT78	RRX	3.4	R	EQV,Ci	Renk	RS357NX	RRX	3.5	R	EcTC
Dyna-Gro	S35XT97	RRX	3.5	R	EQV,Ci	Stine	28RH02 §	RR2Y	2.8	R	SFI
Dyna-Gro	S37XT28	RRX	3.7	R	EQV,Ci	Stine	29RI32 §	RR2Y	2.9	R	SFI
FS HiSoy	HS 28X70	RRX	2.8	R	ACi, IL	Stine	38RE02 §	RR2Y,ST	3.8	R	SFI
FS HiSoy	HS 31X60	RRX	3.1	R	ACi, IL	Stone	2RX3527	RRX	3.5	R	ACi
FS HiSoy	HS 32X70	RRX	3.2	R	ACi, IL	Stone	2RX3628	RRX	3.6	R	ACi
FS HiSoy	HS 33X70	RRX	3.3	R	ACi, IL	Stone	2RX3827	RRX	3.8	R	ACi
FS HiSoy	HS 34X60	RRX	3.4	R	ACi, IL	Titan Pro	TP-28X47	RRX	2.8	MR	IS,IL
FS HiSoy	HS 35X70	RRX	3.5	R	ACi, IL	Titan Pro	TP-30X77	RRX	3.0	MR	IS,IL
FS HiSoy	HS 37X70	RRX	3.7	R	ACi, IL	Titan Pro	TP-31X26	RRX	3.1	R	IS,IL
FS HiSoy	HS 38X70	RRX,ST	3.8	R	ACi, IL	Titan Pro	TP-34X86	RRX	3.4	R	IS,IL
Golden Harvest	GH2788X	RRX	2.7	R	CCB,Me	Titan Pro	TP-35X17	RRX	3.5	MR	IS,IL
Golden Harvest	GH2981X	RRX	2.9	R	CCB,Me	Titan Pro	TP-37X57	RRX	3.7	MR	IS,IL
Golden Harvest	GH3324X §	RRX	3.3	R	CCB,Me						
Golden Harvest	GH3546X §	RRX	3.5	R	CCB,Me						
Golden Harvest	GH3761X §	RRX	3.7	R	CCB,Me						
Great Heart	GT-3580X	RRX	3.5	R	Gr+						
Great Heart	GT-3711XS	RRX,ST	3.7	R	Gr+						
Hefty	H28X8	RRX	2.8	R	DST						
Hefty	H30X8	RRX	3.0	R	DST						
Hefty	H31X7	RRX	3.1	R	DST						
Hefty	H32X8	RRX	3.2	R	DST						
Hefty	H34X7	RRX	3.4	R	DST						
Hefty	H35X8	RRX	3.5	R	DST						
Hefty	H37X8S	RRX,ST	3.7	R	DST						
LG Seeds	C3489RX	RRX	3.4	R	ASfi,IL						
LG Seeds	C3550RX	RRX	3.5	R	ASfi,IL						
LG Seeds	C3775RX	RRX	3.7	R	ASfi,IL						
NK Brand	S31-Y2X	RRX	3.1	R	CCB,Me						
NK Brand	S35-K9X	RRX	3.5	R	CCB,Me						
NK Brand	S37-H5X	RRX	3.7	R	CCB,Me						
Pfister	29R25	RR2Y	2.9	R	CCB						
Pfister	30R25	RR2Y	3.0	R	CCB						
Pfister	32R201	RR2Y	3.2	R	CCB						
Pfister	33R206	RR2Y	3.3	R	CMBV						
Pfister	35R201	RR2Y	3.5	R	CCB						
Pfister	36R207	RR2Y	3.6	R	CMBV						
Pfister	37RS01	RR2Y,ST	3.7	R	CCB						
Pioneer	P33T19X §	RRX	3.3	R	EE,G,IL						
Pioneer	P36T36X §	RRX	3.6	R	EE,G,IL						

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. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] 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

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	information unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.