

2017 Soybean Top 30 Harvest Report

Illinois North Central [ILNC] TOWANDA
Judson Stover, McLean County, IL 61776



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

PREV. CROP/HERB: Corn / Harness Xtra, 2,4-D, Roundup PowerMax, atrazine, Impact, Roundup PowerMax
SOIL DESCRIPTION: Ipava silty clay loam, well drained, non-irrigated
SOIL CONDITIONS: Very high P, very high K, 6.1 pH, 4.9% OM, 20.5 CEC
TILLAGE/CULTIVATION: Strip-till
PEST MANAGEMENT: Authority, 2,4-D LV4, Roundup PowerMax, Prefix, Fusilade, Roundup PowerMax
APPLIED N-P-K (units): 0-0-0
SEEDED - RATE - ROW: May 16 140,000 /A 30" Spacing
HARVESTED - STAND: Oct 29 127,400 /A

All-Season Test
Maturity Group 2.8 - 3.8
S2017ILNC03

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
Golden Harvest	GH3546X §	RRX	3.5	R	76.5	14.6	0	127.8	\$716	1
Golden Harvest	GH2788X	RRX	2.7	R	76.3	13.9	0	122.0	\$715	2
LG Seeds	C3550RX	RRX	3.5	R	75.0	14.5	0	124.9	\$702	3
Titan Pro	TP-30X77	RRX	3.0	MR	74.1	14.2	0	124.9	\$694	4
FS HiSoy	HS 37X70	RRX	3.7	R	72.6	14.5	0	130.7	\$680	5
Titan Pro	TP-31X26	RRX	3.1	R	72.4	14.7	0	130.7	\$677	6
Hefty	H34X7	RRX	3.4	R	72.0	14.7	0	127.8	\$674	7
NK Brand	S31-Y2X	RRX	3.1	R	71.2	13.6	0	124.9	\$668	8
NK Brand	S35-K9X	RRX	3.5	R	71.0	14.5	0	130.7	\$665	9
FS HiSoy	HS 28X70	RRX	2.8	R	70.9	14.0	0	122.0	\$664	10
Stine	38RE02 §	RR2Y,ST	3.8	R	70.8	13.8	0	127.8	\$664	11
Pfister	36R207	RR2Y	3.6	R	70.8	15.1	0	130.7	\$662	12
FS HiSoy	HS 34X60	RRX	3.4	R	70.5	14.7	0	127.8	\$660	13
Hefty	H35X8	RRX	3.5	R	70.4	14.0	0	130.7	\$660	14
Hefty	H28X8	RRX	2.8	R	70.4	14.1	0	127.8	\$660	15
Titan Pro	TP-34X86	RRX	3.4	R	70.3	14.5	0	124.9	\$658	16
Pfister	32R201	RR2Y	3.2	R	70.3	14.5	0	122.0	\$658	17
Dairyland	DSR-3434/R2Y	RR2Y	3.4	MR	70.3	14.8	0	124.9	\$658	18
Great Heart	GT-3711XS	RRX,ST	3.7	R	70.3	14.9	0	127.8	\$657	19
Hefty	H31X7	RRX	3.1	R	69.7	14.9	0	124.9	\$652	20
Golden Harvest	GH3324X §	RRX	3.3	R	69.6	14.2	0	130.7	\$652	21
Titan Pro	TP-35X17	RRX	3.5	MR	69.3	14.3	0	127.8	\$649	22
Hefty	H37X8S	RRX,ST	3.7	R	69.3	14.4	0	127.8	\$649	23
Pfister	30R25	RR2Y	3.0	R	69.3	14.6	0	127.8	\$649	24
FS HiSoy	HS 38X70	RRX,ST	3.8	R	69.2	14.4	0	127.8	\$648	25
Asgrow	AG38X8 §	RRX	3.8	R	69.1	14.4	0	127.8	\$647	26
Pioneer	P38A98X §	RRX	3.8	R	69.1	14.9	0	127.8	\$646	27
NK Brand	S37-H5X	RRX	3.7	R	69.0	14.6	0	127.8	\$646	28
Stone	2RX3628	RRX	3.6	R	68.9	14.9	0	127.8	\$644	29
Stine	28RH02 §	RR2Y	2.8	R	68.7	14.2	0	127.8	\$643	30

Averages = **68.6** **14.4** **0** **127.4** **\$642**

LSD (0.10) = 4.8 ns ns

LSD (0.25) = 2.5 ns ns

C.V. = 6.7 Prev. years avg. yield, 55.1 bu/a, 16 yrs

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

TEST COMMENTS: *Aaron, Judson's son, mentioned their soybeans replanted on July 4, outyielded some late-April planted soybeans that suffered reduced stands from cold wet early-season conditions. During later drought conditions, the replant beans, located in low-lying wetter soils, had more available water. Test area plant health was very good with heights of 36-42" and large seed. Lower pods were near the soil line.*

† 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: 10/31/2017 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.