

2016 Soybean Top 30 Harvest Report

Illinois North Central [ILNC] DELAVAN

Dave Diekhoff, Tazewell County, IL 61734



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

PREV. CROP/HERB: Corn / Keystone, Callisto
 SOIL DESCRIPTION: Ipava/Tama silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 3 % OM
 TILLAGE/CULTIVATION: No-till
 PEST MANAGEMENT: Roundup, 2,4-D, Prefix, Roundup, Warrant
 SEEDED - RATE - ROW: May 15 140,000 /A 30" Spacing
 HARVESTED - STAND: Oct 25 134,900 /A

All-Season Test
Maturity Group 2.8 - 3.8
 S2016ILNC01

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
Dyna-Gro	S35XT97	RRX	3.5	R	CCB	74.3	12.1	16	133.6	\$710
Steyer	3408XR	RRX	3.4	MR	SStd	73.2	11.9	14	136.5	\$700
Steyer	3110XR	RRX	3.1	MR	SStd	73.0	12.5	15	136.5	\$698
LG Seeds	C3550RX	RRX	3.5	R	CCB	71.9	12.1	7	133.6	\$687
Titan Pro	TP-31X26	RRX	3.1	R	IS	71.2	11.8	11	136.5	\$681
Hefty	H34X7	RRX	3.4	MR	DST	71.1	12.3	7	133.6	\$680
Asgrow	AG36X6 §	RRX	3.6	R	ACi	71.1	11.6	10	136.5	\$680
NK Brand	S37-Z8 §	RR2Y	3.7	R	CCB,Me	70.7	12.8	3	139.4	\$676
Titan Pro	TP-37X96	RRX	3.7	R	IS	70.4	11.3	0	139.4	\$673
Steyer	3805R2	RR2Y	3.8	MR	SStd	70.4	12.2	0	136.5	\$673
Stone	2RX3116	RRX	3.1	MR	ACi	70.3	12.1	12	139.4	\$672
FS HiSoy	HS 37X60	RRX	3.7	R	ACi,CI	70.2	12.2	1	139.4	\$671
LG Seeds	C3989R2	RR2Y	3.8	R	CCB	70.1	12.1	3	139.4	\$670
Pioneer	P34T07R2 §	RR2Y	3.4	R	None	70.1	12.7	9	136.5	\$670
LG Seeds	C3321R2	RR2Y	3.3	R	CCB	70.1	12.1	17	136.5	\$670
NK Brand	S30-V6 §	RR2Y	3.0	R	CCB,Me	69.9	11.7	6	133.6	\$668
Hefty	H30X6	RRX	3.0	MR	None	69.6	11.5	17	133.6	\$665
Pioneer	P31T11R §	RR	3.1	R	EE,G	69.4	12.0	37	136.5	\$663
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	69.3	12.4	8	133.6	\$663
Stone	2RX3337	RRX	3.3	R	ACi	68.8	12.5	19	133.6	\$658
FS HiSoy	HS 38X60	RRX	3.8	R	ACi,CI	68.7	12.0	0	139.4	\$657
Great Heart	GT-3580X	RRX	3.5	R	Gr+	68.7	11.9	4	133.6	\$657
Renk	RS317NX	RRX	3.1	R	CMB	68.6	11.7	6	130.7	\$656
Dyna-Gro	S37XT47	RRX	3.7	R	CCB	68.4	11.7	1	139.4	\$654
Hefty	H31X7	RRX	3.1	MR	DST	68.4	11.8	14	139.4	\$654
Great Heart	GT-3810X	RRX	3.8	R	Gr+	68.1	11.4	0	133.6	\$651
Dyna-Gro	S33XT07	RRX	3.3	R	ACi	68.1	12.0	23	136.5	\$651
NK Brand	S38-W4	RR2Y	3.8	R	CCB,Me	67.8	11.5	6	136.5	\$648
Renk	RS316NR2	RR2Y	3.1	R	CMB	67.5	12.1	6	130.7	\$645
Renk	RS357NX	RRX	3.5	R	CMB	67.3	12.5	7	133.6	\$643

Averages = 66.3 12.0 18 134.9 \$634

LSD (0.10) = 5.0 0.6 14

LSD (0.25) = 3.5 0.5 9

C.V. = 5.5 Prev. years avg. yield, 53.0 bu/a, 5 yrs

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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: Dave said this trial field received a 9" rain in mid-Sept. All varieties were growthy, probably from the abundant rains. The latter Sept. rain lodged these plants to create a great lodging comparison. Some varieties stood excellent, others did not. Due to lodging, harvest involved much "slow down, then speed up" action - depending upon lodging severity. Seed size was large and mostly good quality.

† 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: 10/26/2016 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,Cl	Steyer	3706XR	RRX	3.7	MR	SStd
FS HiSoy	HS 34A50	RR2Y	3.4	R	ACi,Cl	Steyer	3805R2	RR2Y	3.8	MR	SStd
FS HiSoy	HS 34X60	RRX	3.4	R	ACi,Cl	Stine	32RF02 §	RR2Y	3.2	R	SFI
FS HiSoy	HS 37X60	RRX	3.7	R	ACi,Cl	Stine	38RE02 §	RR2Y	3.8	R	SFI
FS HiSoy	HS 38X60	RRX	3.8	R	ACi,Cl	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.