

2016 Soybean Top 30 Harvest Report

Illinois North [ILNO] MALTA

Steve Drendel, DeKalb County, IL 60150



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Corn / Lexar, Touchdown
 SOIL DESCRIPTION: Flanagan/Catlin silt loam, well drained, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.2 pH, 4.1 % OM, low SCN
 TILLAGE/CULTIVATION: Minimum w/o fall till
 PEST MANAGEMENT: Sonic, Roundup
 SEEDED - RATE - ROW: May 18 170,000 /A 15" Spacing
 HARVESTED - STAND: Oct 12 157,400 /A

All-Season Test
Maturity Group 2.4 - 3.3
 S2016ILNO11

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
Titan Pro	TP-24R26	RR2Y	2.4	R	IS	86.4	14.1	14	122.7	\$899
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL	85.6	14.5	13	133.8	\$890
Hefty	H29X6	RRX	2.9	MR	DST	81.0	13.9	20	171.0	\$842
Stine	24RH62 §	RR2Y	2.4	R	SFI	80.8	14.9	22	163.6	\$840
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me	80.1	14.6	22	169.1	\$833
LG Seeds	C3321R2	RR2Y	3.3	R	CCB	80.0	15.2	22	169.1	\$832
Hefty	H32X7	RRX	3.2	MR	DST	79.7	16.0	10	159.8	\$829
Pfister	32R201	RR2Y	3.2	R	CCB	79.6	14.7	17	163.6	\$828
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	79.5	15.3	27	146.8	\$827
Pfister	29R25	RR2Y	2.9	R	CCB	79.4	14.9	19	176.6	\$826
Hefty	H27X6	RRX	2.7	MR	None	78.7	14.8	12	172.8	\$818
Axis Seed	2816NRX	RRX	2.8	R	CMBV	78.5	14.8	14	171.0	\$816
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,CI	78.5	14.9	16	141.3	\$816
Cornelius	CB26R30	RR2Y	2.6	MR	CMBV,IL	78.3	14.3	17	146.8	\$814
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL	78.2	14.7	10	189.6	\$813
Axis Seed	3117NRX	RRX	3.1	R	CMBV	77.9	14.4	12	105.9	\$810
Pfister	24R201	RR2Y	2.4	R	CCB	77.9	14.4	17	130.1	\$810
Stone	2RX3116	RRX	3.1	MR	ACi	77.4	14.4	29	159.8	\$805
Asgrow	AG30X6 §	RRX	3.0	MR	ACi	77.2	14.3	14	156.1	\$803
Renk	RS276NX	RRX	2.8	R	AM	77.0	14.2	13	161.7	\$801
Steyer	3110XR	RRX	3.1	MR	SStd	76.7	14.9	10	156.1	\$798
Hefty	H28X6	RRX	2.8	MR	DST	76.7	15.0	18	145.0	\$798
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,CI	76.7	14.5	27	137.5	\$798
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	76.6	14.7	10	133.8	\$797
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	76.6	14.3	20	117.1	\$797
Stone	2RX3337	RRX	3.3	R	ACi	76.3	16.7	23	172.8	\$794
Hefty	H25X7	RRX	2.5	MR	DST	76.1	14.5	16	154.3	\$791
Hefty	H30X6	RRX	3.0	MR	None	76.1	14.8	20	172.8	\$791
Renk	RS306NX	RRX	3.0	R	AM	76.0	15.1	19	165.4	\$790
LG Seeds	C3026RX	RRX	3.0	R	CCB	75.8	14.1	14	156.1	\$788

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Averages =	74.8	14.7	17	157.4	\$777
LSD (0.10) =	6.6	1.2	11		
LSD (0.25) =	4.6	0.8	8		
C.V. =	6.5			Prev. years avg. yield, 59.7 bu/a, 13 yrs	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.000 Prices = \$10.40 GMO; \$10.40 non-GMO

TEST COMMENTS: *Planting conditions were nice at this location, and favorable weather followed. Emergence was excellent for most of the varieties. Consistent rainfall and ideal heat most of the growing season reflect the yield you see. Sudden death syndrome was present in the plot. Plants were tall, which contributed to lodging. A good majority of the varieties still had some green stems, making harvest difficult.*

† 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: 10/13/2016 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	AG28X7 §	RRX	2.8	R	ACi	Pfister	29R25	RR2Y	2.9	R	CCB
Asgrow	AG30X6 §	RRX	3.0	MR	ACi	Pfister	30R205	RR2Y	3.0	R	CCB
Axis Seed	2816NRX	RRX	2.8	R	CMBV	Pfister	32R201	RR2Y	3.2	R	CCB
Axis Seed	3117NRX	RRX	3.1	R	CMBV	Pioneer	P24T84X §	RRX	2.4	R	EE,G
Cornelius	CB24R82	RR2Y	2.4	R	CMBV,IL	Pioneer	P25T51R §	RR	2.5	R	EE,G
Cornelius	CB26R30	RR2Y	2.6	MR	CMBV,IL	Pioneer	P28T71X §	RRX	2.8	R	EE,G
Cornelius	CB27X27	RRX	2.7	R	CMBV,IL	Renk	RS276NX	RRX	2.8	R	AM
Cornelius	CB28R58	RR2Y	2.8	R	CMBV,IL	Renk	RS286NR2	RR2Y	2.8	R	CMBV
Cornelius	CB28X73	RRX	2.8	R	CMBV,IL	Renk	RS306NX	RRX	3.0	R	AM
Cornelius	CB29R69	RR2Y	2.9	R	CMBV,IL	Renk	RS316NR2	RR2Y	3.1	R	CMB
Cornelius	CB31X13	RRX	3.1	R	CMBV,IL	Renk	RS317NX	RRX	3.1	R	CMB
Dairyland	DSR-2707/R2Y	RR2Y	2.7	MR	CMB	Steyer	2805R2	RR2Y	2.8	MR	SStd
Dairyland	DSR-2909/R2Y	RR2Y	2.9	R	CMB	Steyer	2806XR	RRX	2.8	MR	SStd
Dairyland	DSR-3250/R2Y	RR2Y	3.2	R	CMB	Steyer	3002R2	RR2Y	3.0	MR	SStd
Dyna-Gro	S28XT06	RRX	2.8	R	ACi	Steyer	3003XR	RRX	3.0	MR	SStd
Dyna-Gro	S29RY46	RR2Y	2.9	R	CCB	Steyer	3110XR	RRX	3.1	MR	SStd
Dyna-Gro	S30XT96	RRX	3.0	R	ACi	Steyer	3302XR	RRX	3.3	MR	SStd
Dyna-Gro	S31RY86	RR2Y	3.1	R	CCB	Stine	24RH62 §	RR2Y	2.4	R	SFI
FS HiSoy	HS 26X60	RRX	2.6	R	ACi,Ci	Stine	29RE22 §	RR2Y,ST	2.9	R	SFI
FS HiSoy	HS 27X60	RRX	2.7	R	ACi,Ci	Stine	30RE02 §	RR2Y	3.0	R	SFI
FS HiSoy	HS 28A42	RR2Y	2.8	R	ACi,Ci	Stone	2RX2627	RRX	2.6	R	ACi
FS HiSoy	HS 28X50	RRX	2.8	R	ACi	Stone	2RX3116	RRX	3.1	MR	ACi
FS HiSoy	HS 29X60	RRX	2.9	R	ACi	Stone	2RX3337	RRX	3.3	R	ACi
FS HiSoy	HS 31X60	RRX	3.1	R	ACi	Titan Pro	TP-24R26	RR2Y	2.4	R	IS
FS HiSoy	HS 32A50	RR2Y	3.2	R	ACi,Ci	Titan Pro	TP-26X16	RRX	2.6	R	IS
FS HiSoy	HS 33X60	RRX	3.3	R	ACi,Ci	Titan Pro	TP-28X45	RRX	2.8	R	IS
Hefty	H24X6	RRX	2.4	MR	DST	Titan Pro	TP-31X26	RRX	3.1	R	IS
Hefty	H25X7	RRX	2.5	MR	DST						
Hefty	H26X7	RRX	2.6	MR	DST						
Hefty	H27X6	RRX	2.7	MR	None						
Hefty	H28X6	RRX	2.8	MR	DST						
Hefty	H29X6	RRX	2.9	MR	DST						
Hefty	H30X6	RRX	3.0	MR	None						
Hefty	H32X7	RRX	3.2	MR	DST						
LG Seeds	C2520R2	RR2Y	2.5	R	CCB						
LG Seeds	C2890R2	RR2Y	2.8	R	CCB						
LG Seeds	C3026RX	RRX	3.0	R	CCB						
LG Seeds	C3321R2	RR2Y	3.3	R	CCB						
NK Brand	S25-L9 §	RR2Y	2.5	R	CCB,Me						
NK Brand	S28-N6 §	RR2Y	2.8	R	CCB,Me						
NK Brand	S30-C1 §	RR2Y	3.0	R	CCB,Me						
NK Brand	S30-V6 §	RR2Y	3.0	R	CCB,Me						
Pfister	24R201	RR2Y	2.4	R	CCB						
Pfister	26R204	RR2Y	2.6	R	CCB						
Pfister	28R202	RR2Y	2.8	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. 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
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.