

2015 Soybean Top 30 Harvest Report

Illinois South [ILSO] DU QUOIN
Don Polczynski, Perry County, IL 62832



PREV. CROP/HERB: Corn / Princep, Roundup, Radar, Hornet
SOIL DESCRIPTION: Cisne clay loam, poor drained, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 7.5 pH, 1.9 % OM, high SCN
TILLAGE/CULTIVATION: No-till
PEST MANAGEMENT: Autumn Supreme, Roundup, Radar, Roundup, E-99, Me-too-lachlor II, Roundup
SEEDED - RATE - ROW: Jul 6 140,000 /A 30" Spacing
HARVESTED - STAND: Nov 7 109,100 /A

All-Season Test

3.8 - 4.7 Day RM
S2015ILSO24

Top 30 of 54

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

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trmt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
Pfister	47R22	RR2Y,ST	4.70	R	CCB	46.4	18.0	0	107.4	\$406
NK Brand	S45-R7 §	RR2Y,ST	4.50	R	CCB	43.4	17.5	0	110.4	\$380
FS HiSOY	HS 42A50	RR2Y	4.20	R	CCB	43.2	17.6	0	116.2	\$378
Stone	2R4516	RR2Y	4.50	MR	ACi	43.1	17.2	0	116.2	\$378
Pfister	41RS01	RR2Y,ST	4.10	R	CCB	43.0	17.2	0	107.4	\$377
Dairyland	DSR-4633/R2Y	RR2Y	4.50	R	CMB	42.4	17.3	0	113.3	\$372
Pioneer	P48T53R §	RR	4.80	R	None	41.3	17.0	0	113.3	\$362
Great Heart	GT-435CR2	RR2Y	4.30	R	Gr	41.1	16.8	0	113.3	\$361
Dyna-Gro	S42RY46	RR2Y	4.20	R	CCB	40.9	17.3	0	113.3	\$358
FS HiSOY	HS 45A42	RR2Y	4.50	R	CCB	40.8	17.4	0	107.4	\$357
Seed Consultants	SCS 9385RR^	RR	3.80	MR	TT	40.7	17.3	0	113.3	\$357
Stine	41RH22 §	RR2Y	4.10	R	Sfi	40.5	17.5	0	116.2	\$355
FS HiSOY	HS 41A50	RR2Y,ST	4.10	R	CCB	40.5	17.6	0	116.2	\$355
Dairyland	DSR-4490/R2Y	RR2Y	4.40	MR	CMB	39.7	16.9	0	110.4	\$348
Pfister	38R25	RR2Y	3.80	R	CCB	39.5	17.5	0	107.4	\$346
LG Seeds	C4322R2	RR2Y	4.30	R	AC,PV	39.4	16.6	0	110.4	\$346
Pfister	45R23	RR2Y	4.50	R	CCB	39.1	17.3	0	110.4	\$343
Stone	2R4204	RR2Y	4.20	R	ACi	39.0	16.9	0	116.2	\$342
FS HiSOY	HS 46A50	RR2Y	4.60	R	CCB	38.9	17.6	0	116.2	\$341
LG Seeds	C4221R2	RR,ST	4.20	R	AC,PV	38.8	17.6	0	107.4	\$340
Asgrow	AG4336 §	RR2Y	4.30	R	ACi	38.6	16.5	0	107.4	\$339
FS HiSOY	HS 45A50	RR2Y	4.50	R	AC	38.2	17.1	0	113.3	\$335
Stone	2R4302	RR2Y	4.30	R	ACi	38.1	17.4	0	113.3	\$334
AgVenture	VPM maxx 38H4RR^	RR	3.80	R	EE	38.0	17.2	0	110.4	\$333
Pfister	43R29	RR2Y	4.30	R	CCB	37.9	17.4	0	110.4	\$332
Asgrow	AG4135 §	RR2Y,ST	4.10	R	ACi	37.7	16.7	0	113.3	\$331
Steyer	4402R2	RR2Y	4.40	MR	CMBV	37.3	17.0	0	104.5	\$327
FS HiSOY	HS 38A50	RR2Y	3.80	R	CCB	37.3	17.7	0	104.5	\$327
NK Brand	S39-C4 §	RR2Y	3.90	R	CCB	37.0	16.8	0	104.5	\$325
Dyna-Gro	S39RY65	RR2Y	3.90	R	CCB	36.6	17.0	0	104.5	\$321
Averages =						36.8	17.1	0	109.1	\$323
LSD (0.10) =						4.7	0.2	ns		
LSD (0.25) =						3.3	0.1	ns		
C.V. =						9.5	0.9			

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$8.85 GMO; \$8.85 non-GMO

TEST COMMENTS: *Planting was delayed by relentless rains in May & June. Soil conditions at planting were very damp which contributed to reduced stands. Additional rains received after planting caused some ponding which further reduced emergence. SDS was noticeable, but not severe. Plant heights ranged from 20-36". Pod development was close to the ground, but mostly good considering the late planting date.*

† 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: 11/09/2015 Revised:

2015 Soybean - Illinois South [ILSO]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
AgVenture	VPMmaxx 38H4RR^	RR	3.80	R	EE	Steyer	4402R2	RR2Y	4.40	MR	CMBV
AgVenture	VPMmaxx 41B1RR^	RR	4.10	R	CCB	Stine	38RE02 §	RR2Y	3.80	R	Sfi
AgVenture	VPMmaxx 45Z9RR^	RR	4.50	R	CCB	Stine	41RH22 §	RR2Y	4.10	R	Sfi
Asgrow	AG3936 §	RR2Y	3.90	R	ACi	Stine	47RC32 §	RR2Y	4.70	R	Sfi
Asgrow	AG4135 §	RR2Y,ST	4.10	R	ACi	Stone	2R3906	RR2Y	3.90	R	ACi
Asgrow	AG4336 §	RR2Y	4.30	R	ACi	Stone	2R4003	RR2Y	4.00	MR	ACi
Dairyland	DSR-4490/R2Y	RR2Y	4.40	MR	CMB	Stone	2R4204	RR2Y	4.20	R	ACi
Dairyland	DSR-4633/R2Y	RR2Y	4.50	R	CMB	Stone	2R4302	RR2Y	4.30	R	ACi
Dyna-Gro	39RY43	RR2Y	4.30	R	CCB	Stone	2R4516	RR2Y	4.50	MR	ACi
Dyna-Gro	S39RY65	RR2Y	3.90	R	CCB						
Dyna-Gro	S42RY46	RR2Y	4.20	R	CCB						
FS HiSOY	HS 38A50	RR2Y	3.80	R	CCB						
FS HiSOY	HS 40A50	RR2Y	4.00	R	CCB						
FS HiSOY	HS 41A50	RR2Y,ST	4.10	R	CCB						
FS HiSOY	HS 42A50	RR2Y	4.20	R	CCB						
FS HiSOY	HS 43A42	RR2Y	4.30	R	CCB						
FS HiSOY	HS 45A42	RR2Y	4.50	R	CCB						
FS HiSOY	HS 45A50	RR2Y	4.50	R	AC						
FS HiSOY	HS 46A50	RR2Y	4.60	R	CCB						
Great Heart	GT-403CR2	RR2Y	4.00	R	Gr						
Great Heart	GT-435CR2	RR2Y	4.30	R	Gr						
LG Seeds	C3915R2	RR2Y	3.80	R	AC,PV						
LG Seeds	C4221R2	RR,ST	4.20	R	AC,PV						
LG Seeds	C4322R2	RR2Y	4.30	R	AC,PV						
NK Brand	S39-C4 §	RR2Y	3.90	R	CCB						
NK Brand	S39-U2 §	RR2Y	3.90	R	CCB						
NK Brand	S45-R7 §	RR2Y,ST	4.50	R	CCB						
Pfister	38R25	RR2Y	3.80	R	CCB						
Pfister	39R201	RR2Y	3.90	R	CCB						
Pfister	39R29	RR2Y	3.90	R	CCB						
Pfister	41RS01	RR2Y,ST	4.10	R	CCB						
Pfister	43R201	RR2Y	4.30	R	CCB						
Pfister	43R29	RR2Y	4.30	R	CCB						
Pfister	45R23	RR2Y	4.50	R	CCB						
Pfister	47R22	RR2Y,ST	4.70	R	CCB						
Pioneer	P39T67R §	RR	3.90	R	None						
Pioneer	P44T63R §	RR	4.40	R	None						
Pioneer	P48T53R §	RR	4.80	R	None						
Seed Consultants	SCS 9356R2^	RR2Y	3.50	MR	EE						
Seed Consultants	SCS 9363RR^	RR	3.60	MR	TT						
Seed Consultants	SCS 9385RR^	RR	3.80	MR	TT						
Seed Consultants	SCS 9412RR^	RR	4.10	MR	TT						
Steyer	3903R2	RR2Y	3.90	MR	CMBV						
Steyer	4003R2	RR2Y	4.00	MR	CMBV						
Steyer	4203R2	RR2Y,ST	4.20	MR	CMBV						

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. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® 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
RR	Roundup Ready® Soybeans
RR2Y	Genuity® Roundup Ready 2 Yield®
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
?	info unavailable

Soybean Seed Treatments*

?	Information not provided	En	Encase®
AC	Acceleron® fungicide products	G	Gaucho®
ACi	Acceleron® fungicide and insecticide products	Gr	Great Start™ Max
AV	Avicta®	IL	ILeVO®
AVB	Avicta® Complete Beans	IS	Intego™ Suite
C	Cruiser®	None	untreated
CC	Curry® Coat	PS	MAS ProShield™ QV
CCB	Clariva™ Complete Beans	PV	Poncho®/Votivo®
CI	Clariva™ pn	Ri	Rizolex™
CMB	CruiserMaxx® Beans	Sfi	Stine fungicide & insecticide products
CMBV	CruiserMaxx® Beans with Vibrance	SS+	Soyshield Plus™
DPHB	DPH Boost®	T	Trilex®
DST	Dominance™ ST	TE	Trius Elite
Ec	Eclipse™ IM	TT	Turbo Treat™
EE	Evergol™ Energy	WCX	Warden® CX

* Seed treatments may include unspecified plant health promoting components.