

Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

## 2019 Soybeans Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL  
Clinton Tucker, Effingham County, IL 62401

<b>All-Season Test</b>	3.5 - 4.6 Day CRM S2019ILSO02
<b>Top 30 of 44</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Acuron, atrazine
<b>SOIL DESCRIPTION:</b>	Bluford silt loam, mod. poor drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, low K, 6.1 pH, 1.3% OM, 9.2 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/O Fall Till
<b>PEST MANAGEMENT:</b>	Roundup, Cobra
<b>Applied N-P-K (units):</b>	0-0-90
<b>SEEDED - RATE - ROW:</b>	Jun 3 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 23 133.3 /A

### TEST COMMENTS:

Took advantage of planting at first opportunity as field conditions allowed. Trial was seeded when most planters in this area were going full throttle with corn. Uniform emergence followed. Some hand weeding was done mid-summer. Site emerged on the other end of a difficult weather season to finish strong. Plants stood well with minimal lodging at harvest time.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 42X90	RRX	4.2	R	<b>69.7</b>	10.6	1	145.2	610	1
FS HISOY	HS 38X70	RRX,ST	3.8	R	<b>69.5</b>	10.4	1	137.5	608	2
GOLDEN HARVEST	GH4307X	RRX	4.3	R	<b>69.0</b>	10.8	2	135.5	604	3
STONE	2RX4339-SR	RRX,ST	4.3	R	<b>68.7</b>	10.7	1	135.5	601	4
STINE	39EA02 §	E3	3.9	R	<b>67.7</b>	10.5	1	127.8	592	5
FS HISOY	HS 45X80	RRX,ST	4.5	R	<b>67.6</b>	11.5	7	131.7	592	6
STONE	2RX4029	RRX	4.0	R	67.0	10.8	1	127.8	586	7
PIONEER	P40A47X §	RRX	4.0	R	67.0	10.5	1	131.7	586	8
ARMOR	42-D27	RRX,ST	4.2	R	66.9	10.6	1	139.4	585	9
DYNA-GRO	S41XS98	RRX,ST	4.1	R	66.9	10.5	2	135.5	585	10
GREAT HEART	GT-3711XS	RRX,ST	3.7	R	66.8	10.5	1	125.9	584	11
NK BRAND	S43-V3X	RRX	4.3	R	66.5	10.7	1	133.6	582	12
GREAT HEART	GT-4540XS	RRX,ST	4.5	R	66.3	11.0	6	133.6	580	13
STINE	36EA02 §	E3	3.6	R	66.2	10.5	1	131.7	579	14
ASGROW	AG43X0 §	RRX,ST	4.3	R	66.1	10.6	2	131.7	578	15
DYNA-GRO	S46XS60	RRX,ST	4.6	R	66.0	11.5	1	133.6	578	16
NK BRAND	S42-B9XS §	RRX, ST	4.2	R	65.6	10.6	1	125.8	574	17
FS HISOY	HS 43X60	RRX,ST	4.3	R	65.5	10.8	7	129.7	573	18
ARMOR	X46D09	RRX,ST	4.6	MR	65.4	11.2	2	127.8	572	19
ASGROW	AG42X9 §	RRX	4.2	R	65.3	10.4	7	139.4	571	20
PIONEER	P42A96X §	RRX	4.2	MR	65.2	10.8	1	133.6	570	21
NK BRAND	S39-G2X §	RRX	3.9	R	64.8	10.5	1	127.8	567	22
ARMOR	44-D92	RRX,ST	4.4	MR	64.7	10.6	1	133.6	566	23
GOLDEN HARVEST	GH3934X	RRX	3.9	R	64.6	10.4	1	129.7	565	24
FS HISOY	HS 41X70	RRX,ST	4.1	R	64.6	10.6	1	129.7	565	25
FS HISOY	HS 44X90	RRX	4.4	R	64.6	10.7	1	131.7	565	26
GREAT HEART	GT-4255XS	RRX,ST	4.2	R	64.5	10.4	1	127.8	564	27
NK BRAND	S37-A4X §	RRX	3.7	R	64.5	10.5	1	133.6	564	28
FS HISOY	HS 39X70	RRX	3.9	R	64.5	10.4	2	133.6	564	29
FS HISOY	HS 46X90	RRX	4.6	R	64.3	11.2	1	135.5	563	30

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Averages = **64.7** **10.7** **2** **133.3** **566**

LSD (0.10) = 2.9 0.2 2

LSD (0.25) = 1.5 0.1 1

C.V. = 4.3

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$8.75; non-GMO = \$8.75

**All-Season Test Products (44 Total)**

Company/Brand	Product/Brand	Technology	SCN	RM
ARMOR	42-D27	RRX,ST	R	4.2
ARMOR	44-D92	RRX,ST	MR	4.4
ARMOR	X38D53	RRX	MR	3.8
ARMOR	X46D09	RRX,ST	MR	4.6
ASGROW	AG36X6 §	RRX	R	3.6
ASGROW	AG42X9 §	RRX	R	4.2
ASGROW	AG43X0 §	RRX,ST	R	4.3
CREDENZ	CZ 3519GTLL	LG27	MR	3.5
CREDENZ	CZ 3929GTLL	LG27	R	3.9
CREDENZ	CZ 4539GTLL	LG27	R	4.5
DYNA-GRO	S41XS98	RRX,ST	R	4.1
DYNA-GRO	S42EN89	E3	R	4.2
DYNA-GRO	S43XS70	RRX,ST	R	4.3
DYNA-GRO	S46XS60	RRX,ST	R	4.6
FS HISOY	HS 38X70	RRX,ST	R	3.8
FS HISOY	HS 39X70	RRX	R	3.9
FS HISOY	HS 41X70	RRX,ST	R	4.1
FS HISOY	HS 42X90	RRX	R	4.2
FS HISOY	HS 43X60	RRX,ST	R	4.3
FS HISOY	HS 44X90	RRX	R	4.4
FS HISOY	HS 45X80	RRX,ST	R	4.5
FS HISOY	HS 46X90	RRX	R	4.6
GOLDEN HARVEST	GH3934X	RRX	R	3.9
GOLDEN HARVEST	GH4240XS	RRX,ST	R	4.2
GOLDEN HARVEST	GH4307X	RRX	R	4.3
GOLDEN HARVEST	GH4628X	RRX	R	4.6
GREAT HEART	GT-3711XS	RRX,ST	R	3.7
GREAT HEART	GT-4255XS	RRX,ST	R	4.2
GREAT HEART	GT-4540XS	RRX,ST	R	4.5
NK BRAND	S34-T2X	RRX	R	3.4
NK BRAND	S37-A4X §	RRX	R	3.7
NK BRAND	S39-G2X §	RRX	R	3.9
NK BRAND	S42-B9XS §	RRX, ST	R	4.2
NK BRAND	S43-V3X	RRX	R	4.3
NK BRAND	S46-W2X	RRX, ST	R	4.6
PIONEER	P37A78X §	RRX	MR	3.7

Company/Brand	Brand/Product	Technology	RM	SCN
PIONEER	P40A47X §	RRX	R	4.0
PIONEER	P42A96X §	RRX	MR	4.2
STINE	36EA02 §	E3	R	3.6
STINE	39EA02 §	E3	R	3.9
STINE	41GA02 §	LG27	R	4.1
STONE	2RX4029	RRX	R	4.0
STONE	2RX4228-SR	RRX,ST	R	4.2
STONE	2RX4339-SR	RRX,ST	R	4.3

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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 Cyst Nematode (SCN) Resistance Rating

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

### Soybeans Technologies\*

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E3	Enlist E3™
G27	GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant

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