

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

2019 Soybeans Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL
John Barttelbort, St. Clair County, IL 62221

All-Season Test	3.5 - 4.6 Day CRM S2019ILSO01
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, atrazine, Tombstone, Trivapro
SOIL DESCRIPTION:	Mascoutah silty clay loam, moderately drained, non- irrigated
SOIL CONDITION:	very high P, high K, 5.7 pH, 3.5% OM, 13.9 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Prefix, Roundup, Quadris Top Sbx
Applied N-P-K (units):	14-35-60
SEEDED - RATE - ROW:	Jun 3 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 18 125.5 /A

TEST COMMENTS:

Trial went in timely into a no-till corn stubble field. The plot had good and even emergence. Fungicide was applied, and there was no weed pressure here. At harvest a significant number of varieties had green stem. However, pods and beans were dry and mature. Harvest was slow, but it was a good all-around test.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
STONE	2RX4339-SR	RRX,ST	4.3	R	80.1	11.8	3	125.9	701	1
PIONEER	P40A47X §	RRX	4.0	R	79.0	11.6	2	122.0	691	2
GREAT HEART	GT-4255XS	RRX,ST	4.2	R	78.7	11.9	2	118.1	689	3
PIONEER	P37A78X §	RRX	3.7	MR	78.1	11.4	26	127.8	683	4
GOLDEN HARVEST	GH4307X	RRX	4.3	R	77.6	12.6	20	122.0	679	5
STINE	36EA02 §	E3	3.6	R	77.4	11.0	1	127.8	677	6
DYNA-GRO	S46XS60	RRX,ST	4.6	R	77.3	14.5	5	127.8	673	8
STONE	2RX4029	RRX	4.0	R	77.3	11.8	5	131.7	676	7
ARMOR	X38D53	RRX	3.8	MR	76.5	11.6	1	125.9	669	9
FS HISOY	HS 46X90	RRX	4.6	R	75.7	14.5	2	135.5	659	11
GOLDEN HARVEST	GH3934X	RRX	3.9	R	75.4	11.1	5	122.0	660	10
STONE	2RX4228-SR	RRX,ST	4.2	R	75.0	12.2	4	125.9	656	12
NK BRAND	S37-A4X §	RRX	3.7	R	73.6	11.0	3	123.9	644	13
NK BRAND	S39-G2X §	RRX	3.9	R	73.2	11.1	6	125.9	640	14
NK BRAND	S43-V3X	RRX	4.3	R	72.7	11.7	19	125.9	636	15
ARMOR	X46D09	RRX,ST	4.6	MR	72.2	17.5	5	118.1	624	20
ARMOR	44-D92	RRX,ST	4.4	MR	72.0	11.9	1	129.7	630	16
GREAT HEART	GT-3711XS	RRX,ST	3.7	R	71.7	12.6	10	125.9	627	17
STINE	39EA02 §	E3	3.9	R	71.5	10.9	4	125.9	626	18
ASGROW	AG36X6 §	RRX	3.6	R	71.5	11.4	2	116.2	626	19
FS HISOY	HS 42X90	RRX	4.2	R	70.9	11.7	3	127.8	620	21
PIONEER	P42A96X §	RRX	4.2	MR	70.2	11.8	2	137.5	614	22
FS HISOY	HS 45X80	RRX,ST	4.5	R	70.1	15.3	11	122.0	609	25
DYNA-GRO	S41XS98	RRX,ST	4.1	R	69.8	11.4	6	125.9	611	23
NK BRAND	S34-T2X	RRX	3.4	R	69.7	11.0	7	125.9	610	24
FS HISOY	HS 39X70	RRX	3.9	R	69.6	11.1	7	131.7	609	26
DYNA-GRO	S43XS70	RRX,ST	4.3	R	68.8	11.7	1	125.9	602	27
ARMOR	42-D27	RRX,ST	4.2	R	67.8	11.3	6	131.7	593	28
CREDENZ	CZ 3519GTLL	LG27	3.5	MR	67.4	11.9	22	123.9	590	29
FS HISOY	HS 41X70	RRX,ST	4.1	R	67.2	11.3	3	123.9	588	30

Averages = **70.4** **12.2** **7** **125.5** **615**

LSD (0.10) = 4.4 1.1 7

LSD (0.25) = 2.3 0.6 4

C.V. = 6.0

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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

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

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

Soybeans Technologies*

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
