

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

2019 Soybeans Top 30 Harvest Report

Illinois South [ILSO] MARION, IL

Brian Taylor, Williamson County, IL 62959

All-Season Test	3.5 - 4.6 Day CRM S2019ILSO04
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Roundup PowerMax, Force 3G
SOIL DESCRIPTION:	Belknap silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	low P, medium K, 5.5 pH, 3.9% OM, 10.4 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Roundup
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 20 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 20 130.3 /A

TEST COMMENTS:

This is a new FIRST soybean site for 2019. As spring unfolded, and it became apparent our planned site would experience planting delays. Brian allowed the trial to be re-located, putting it in his levy protected, tile drained field amid his corn, which was much appreciated. The site was extremely uniform, weed free, and overall quality was high.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ASGROW	AG36X6 §	RRX	3.6	R	79.0	11.3	3	122.0	691	1
PIONEER	P42A96X §	RRX	4.2	MR	77.9	11.2	4	135.5	682	2
NK BRAND	S42-B9XS §	RRX, ST	4.2	R	76.7	11.6	2	129.7	671	3
FS HISOY	HS 38X70	RRX,ST	3.8	R	76.5	11.1	7	139.4	669	4
FS HISOY	HS 44X90	RRX	4.4	R	76.1	11.4	2	131.7	666	5
DYNA-GRO	S41XS98	RRX,ST	4.1	R	75.5	11.3	6	133.6	661	6
GOLDEN HARVEST	GH4240XS	RRX,ST	4.2	R	75.4	11.5	3	133.6	660	7
GREAT HEART	GT-3711XS	RRX,ST	3.7	R	74.9	11.2	4	125.9	655	8
ARMOR	42-D27	RRX,ST	4.2	R	74.8	11.3	3	137.5	654	9
STINE	36EA02 §	E3	3.6	R	74.5	11.2	7	131.7	652	10
DYNA-GRO	S43XS70	RRX,ST	4.3	R	74.4	11.1	3	123.9	651	11
STONE	2RX4228-SR	RRX,ST	4.2	R	74.4	10.7	3	135.5	651	12
ARMOR	X46D09	RRX,ST	4.6	MR	74.4	11.1	4	129.7	651	13
PIONEER	P40A47X §	RRX	4.0	R	74.3	11.4	1	137.5	650	14
FS HISOY	HS 41X70	RRX,ST	4.1	R	74.0	11.3	10	123.9	648	15
GOLDEN HARVEST	GH4628X	RRX	4.6	R	73.6	11.3	3	131.7	644	16
NK BRAND	S46-W2X	RRX, ST	4.6	R	73.3	11.6	5	118.1	641	17
PIONEER	P37A78X §	RRX	3.7	MR	72.9	11.1	23	123.9	638	18
ARMOR	X38D53	RRX	3.8	MR	72.7	11.5	1	129.7	636	19
DYNA-GRO	S46XS60	RRX,ST	4.6	R	72.6	10.9	7	123.9	635	20
ASGROW	AG43X0 §	RRX,ST	4.3	R	72.5	11.3	6	137.5	634	21
STONE	2RX4339-SR	RRX,ST	4.3	R	72.1	11.1	2	131.7	631	22
GREAT HEART	GT-4255XS	RRX,ST	4.2	R	71.9	11.1	5	116.2	629	23
FS HISOY	HS 46X90	RRX	4.6	R	71.7	10.8	4	137.5	627	24
NK BRAND	S39-G2X §	RRX	3.9	R	71.7	11.3	11	133.6	627	25
ARMOR	44-D92	RRX,ST	4.4	MR	71.6	10.9	2	131.7	626	26
GOLDEN HARVEST	GH4307X	RRX	4.3	R	71.1	11.3	31	135.5	622	27
ASGROW	AG42X9 §	RRX	4.2	R	71.0	11.0	15	118.1	621	28
FS HISOY	HS 42X90	RRX	4.2	R	70.7	11.0	6	139.4	619	29
DYNA-GRO	S42EN89	E3	4.2	R	70.5	11.4	10	123.9	617	30

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Averages = **71.2** **11.3** **11** **130.3** **623**

LSD (0.10) = 3.1 0.5 8

LSD (0.25) = 1.6 0.2 4

C.V. = 4.2

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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

Report Date: 10/22/2019

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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All-Season Test Products (44 Total)

Company/Brand	Brand/Product	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
