

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

2019 Soybeans Top 30 Harvest Report

Illinois South [ILSO] FLORA, IL
Bobby Briscoe, Clay County, IL 62839

All-Season Test	3.5 - 4.6 Day CRM S2019ILSO03
Top 30 of 44	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / SureStart
SOIL DESCRIPTION:	Wynoose silt loam, mod. poor drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 7.3 pH, 2.3% OM, 9.4 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Sequence, Roundup
Applied N-P-K (units):	0-0-120
SEEDED - RATE - ROW:	Jun 12 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 19 113.2 /A

TEST COMMENTS:

Planted this trial on the shallow side of seed depth. No need to chase soil moisture this spring. Rain was in the near-term forecast, and the trial received a 4" rain immediately after planting. Final stand was reduced. Bobby mentioned he had two separate replants on this field. Several 4" rain events came through the area this spring. Then it turned somewhat dry during growing season.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DYNA-GRO	S41XS98	RRX,ST	4.1	R	55.2	10.8	1	110.3	483	1
STINE	39EA02 §	E3	3.9	R	54.6	10.5	1	116.2	478	2
PIONEER	P42A96X §	RRX	4.2	MR	53.7	10.6	1	106.5	470	3
GOLDEN HARVEST	GH4307X	RRX	4.3	R	53.5	10.6	1	110.3	468	4
STONE	2RX4029	RRX	4.0	R	52.6	10.6	1	122.0	460	5
CREDENZ	CZ 3519GTLL	LG27	3.5	MR	52.5	10.2	1	116.2	459	6
NK BRAND	S43-V3X	RRX	4.3	R	51.2	10.9	1	114.3	448	7
DYNA-GRO	S46XS60	RRX,ST	4.6	R	50.9	10.8	1	108.4	445	8
STINE	36EA02 §	E3	3.6	R	50.1	10.3	1	102.6	438	9
FS HISOY	HS 43X60	RRX,ST	4.3	R	49.9	10.5	1	108.4	437	10
ARMOR	42-D27	RRX,ST	4.2	R	49.6	10.7	1	112.3	434	11
FS HISOY	HS 44X90	RRX	4.4	R	48.9	10.4	1	104.5	428	12
PIONEER	P37A78X §	RRX	3.7	MR	48.5	10.3	1	120.0	424	13
FS HISOY	HS 39X70	RRX	3.9	R	48.3	10.6	1	110.4	423	14
STONE	2RX4228-SR	RRX,ST	4.2	R	47.9	10.2	1	114.2	419	15
ARMOR	44-D92	RRX,ST	4.4	MR	47.7	10.6	1	114.3	417	16
NK BRAND	S42-B9XS §	RRX, ST	4.2	R	47.7	10.5	1	122.0	417	17
ASGROW	AG43X0 §	RRX,ST	4.3	R	47.6	10.4	1	114.2	416	18
FS HISOY	HS 42X90	RRX	4.2	R	47.2	10.6	1	110.4	413	19
NK BRAND	S37-A4X §	RRX	3.7	R	46.9	10.7	1	108.4	410	20
FS HISOY	HS 45X80	RRX,ST	4.5	R	46.4	10.4	1	102.6	406	21
FS HISOY	HS 41X70	RRX,ST	4.1	R	46.2	10.4	1	118.1	404	22
FS HISOY	HS 46X90	RRX	4.6	R	45.9	11.7	1	106.5	402	23
GREAT HEART	GT-4255XS	RRX,ST	4.2	R	45.8	10.4	1	110.4	401	24
ARMOR	X38D53	RRX	3.8	MR	45.7	11.0	1	122.0	400	25
FS HISOY	HS 38X70	RRX,ST	3.8	R	45.1	10.9	1	114.2	395	26
DYNA-GRO	S42EN89	E3	4.2	R	45.1	10.7	1	106.5	395	27
STONE	2RX4339-SR	RRX,ST	4.3	R	45.0	10.3	1	112.3	394	28
GOLDEN HARVEST	GH3934X	RRX	3.9	R	45.0	10.6	1	118.1	394	29
NK BRAND	S46-W2X	RRX, ST	4.6	R	44.6	10.4	1	114.3	390	30

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Averages = **46.9** **10.6** **1** **113.2** **410**

LSD (0.10) = 3.9 0.4 0

LSD (0.25) = 2.0 0.2 0

C.V. = 7.9

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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	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
