

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

2020 Soybeans Top 30 Harvest Report


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

All-Season Test	3.5 - 4.5 Day CRM S2020ILSO23
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Surestart
SOIL DESCRIPTION:	Hoyleton/Atlas silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 6.6 pH, 1.6% OM, 9.3 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Roundup
Applied N-P-K (units):	0-0-120
SEDED - RATE - ROW:	Jun 4 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 18 109.5 /A

TEST COMMENTS:

This plot went in in early June in perfect no-till conditions. We got a great stand and the yields and moistures were very consistent. Flora, like all of southern Illinois, received little rain during early flowering nor in late August and September. The yields of the fuller season varieties reflect that. All and all a great plot and a great cooperator.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 35X00	RRX	3.5	R	70.8	10.6	1	108.7	637	1
ASGROW	AG36X6 GC	RRX	3.6	R	66.5	10.8	1	108.3	598	2
GREAT HEART	GT-3840X	RRX	3.8	R	65.8	10.4	4	107.0	592	3
NK BRAND	S45-Z5XS	RRX,ST	4.5	R	65.7	10.6	3	117.0	591	4
NK BRAND	S35-E3 GC	E3	3.5	R	63.0	11.2	1	104.7	567	5
GOLDEN HARVEST	GH3922E3 §	E3	3.9	MR	62.9	10.5	6	121.3	566	6
NK BRAND	S42-B9XS GC	RRX,ST	4.2	R	62.8	10.4	1	113.0	565	7
DYNA-GRO	S41XS98	RRX,ST	4.1	R	62.1	10.4	6	110.0	559	8
GOLDEN HARVEST	GH4307X	RRX	4.3	R	61.6	10.5	9	107.3	554	9
NUTECH	35N03E	E3	3.5	R	61.2	10.4	4	110.3	551	10
GREAT HEART	GT-3711XS	RRX,ST	3.7	R	60.3	11.0	3	106.0	543	11
ASGROW	AG39X7 §	RRX,ST	3.9	R	59.3	11.0	3	99.0	534	12
ARMOR	A44-D92	RRX,ST	4.4	MR	59.1	10.5	18	103.0	532	13
PIONEER	P40A47X §	RRX	4.0	R	58.8	10.6	3	107.3	529	14
DYNA-GRO	S43XS70	RRX,ST	4.3	R	58.2	10.7	4	113.0	524	15
STINE	36EB32 §	E3	3.6	R	58.1	11.3	2	124.0	523	16
FS HISOY	HS 43E00	E3	4.3	R	57.9	10.6	5	114.3	521	17
NUTECH	43N04E	E3	4.3	R	57.8	10.8	5	107.3	520	18
ARMOR	A44-E44	E3	4.4	MR	57.8	10.8	3	121.3	520	19
GREAT HEART	GT-4255XS	RRX,ST	4.2	R	57.7	10.5	5	102.0	519	20
APEX	AE4510	E3	4.5	R	57.5	11.0	1	113.0	518	21
STINE	40EB20 §	E3	4.0	NA	57.3	10.7	2	101.7	516	22
PIONEER	P39A58X §	RRX	3.9	R	57.1	10.7	3	111.7	514	23
FS HISOY	HS 41X70	RRX	4.1	R	57.0	10.8	6	100.3	513	24
GOLDEN HARVEST	GH3582E3	E3	3.5	R	56.6	11.2	3	96.3	509	25
STINE	37EC20 §	E3	3.7	R	56.5	11.1	2	114.3	508	26
NK BRAND	S39-E3	E3	3.9	MR	56.3	10.4	5	113.0	507	27
FS HISOY	HS 39E00	E3	3.9	R	56.0	10.6	1	104.3	504	28
STONE	2RX3628	RRX	3.6	R	55.6	10.8	3	111.3	500	29
DYNA-GRO	S43EN61	E3	4.3	R	55.6	10.5	2	115.7	500	30

	Averages =	56.5	10.7	4	109.5	508
	LSD (0.10) =	3.8	ns	4		
	LSD (0.25) =	2.0	ns	2		
	C.V. =	6.3				
Jason Beyers	Historic yield: 49.9 bu/a, 5 yr(s)					
beyers@frontiernet.net, (815) 493-9005						

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.0 Drying = \$0.00 Prices: GMO = \$9.00

Report Date: 10/19/2020

† 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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2020 Soybeans - Illinois South [ILSO]

All-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE3610	E3	R	3.6	CMBV,SA
APEX	AE3811	E3	R	3.8	CMBV,SA
APEX	AE4510	E3	R	4.5	CMBV,SA
ARMOR	A42-D27	RRX,ST	MR	4.2	W
ARMOR	A42-E11	E3	MR	4.2	W
ARMOR	A44-D92	RRX,ST	MR	4.4	W
ARMOR	A44-E44	E3	MR	4.4	W
ASGROW	AG34X6 GC	RRX	R	3.4	NA
ASGROW	AG36X6 GC	RRX	R	3.6	NA
ASGROW	AG37X0 GC	RRX	R	3.7	NA
ASGROW	AG38X8 §	RRX	R	3.8	NA
ASGROW	AG39X7 §	RRX,ST	R	3.9	NA
ASGROW	AG42X9 §	RRX	R	4.2	NA
DYNA-GRO	S41XS98	RRX,ST	R	4.1	EQV,SA
DYNA-GRO	S43EN61	E3	R	4.3	EQV,SA
DYNA-GRO	S43XS70	RRX,ST	R	4.3	EQV,SA
FS HISOY	HS 35X00	RRX	R	3.5	ACi,SA
FS HISOY	HS 38E90	E3	R	3.8	ACi,SA
FS HISOY	HS 38X00	RRX	MR	3.8	ACi,SA
FS HISOY	HS 38X70	RRX	R	3.8	ACi,SA
FS HISOY	HS 39E00	E3	R	3.9	ACi,SA
FS HISOY	HS 41X70	RRX	R	4.1	ACi,SA
FS HISOY	HS 43E00	E3	R	4.3	ACi,SA
GOLDEN HARVEST	GH3546X	RRX	R	3.5	CMBV,SA
GOLDEN HARVEST	GH3582E3	E3	R	3.5	CMBV,SA
GOLDEN HARVEST	GH3922E3 §	E3	MR	3.9	CMBV,SA
GOLDEN HARVEST	GH3934X §	RRX	R	3.9	CMBV,SA
GOLDEN HARVEST	GH4307X	RRX	R	4.3	CMBV,SA
GREAT HEART	GT-3711XS	RRX,ST	R	3.7	NA
GREAT HEART	GT-3840X	RRX	R	3.8	NA
GREAT HEART	GT-4255XS	RRX,ST	R	4.2	NA
NK BRAND	S35-E3 GC	E3	R	3.5	CMBV,SA
NK BRAND	S37-2E3S	E3,ST	MR	3.7	CMBV,SA
NK BRAND	S39-E3	E3	MR	3.9	CMBV,SA
NK BRAND	S39-G2X §	RRX	R	3.9	CMBV,SA
NK BRAND	S42-B9XS GC	RRX,ST	R	4.2	CMBV,SA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
NK BRAND	S43-E3	E3	MR	4.3	CMBV,SA
NK BRAND	S45-Z5XS	RRX,ST	R	4.5	CMBV,SA
NUTECH	35N03E	E3	R	3.5	Lum,G,IL
NUTECH	36N03E	E3	R	3.6	Lum,G,IL
NUTECH	39N04E	E3	R	3.9	Lum,G,IL
NUTECH	41N03E	E3	R	4.1	Lum,G,IL
NUTECH	43N04E	E3	R	4.3	Lum,G,IL
NUTECH	45N04E	E3	R	4.5	Lum,G,IL
PIONEER	P36A83X §	RRX	R	3.6	NA
PIONEER	P39A58X §	RRX	R	3.9	NA
PIONEER	P40A47X §	RRX	R	4.0	NA
STINE	36EB32 §	E3	R	3.6	NA
STINE	37EC20 §	E3	R	3.7	NA
STINE	40EB20 §	E3	NA	4.0	NA
STINE	43EB20 GC	E3	R	4.3	NA
STONE	2RX3628	RRX	R	3.6	NA
STONE	2RX4029	RRX	R	4.0	NA
ZINESTO	Z3501E GC	E3	R	3.5	NA

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
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

Soybeans Seed Treatments**

NA	Not Available
ACi,SA	Acceleron Standard fungicide + insecticide, Salstro
CMBV,SA	Cruisermaxx, Vibrance, Salstro
EQV,SA	Equity VIP, Salstro
Lum,G,IL	Lumisena, Gaucho, ILeVO
W	Warden® CX

** Seed treatments may include unspecified plant health promoting components.