

2020 Soybeans Top 30 Performance Summary for Illinois South [ILSO]



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

All-Season Test

3.5 - 4.5 Day CRM

S2020ILSO

Top 30 of 54

For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	Oil (%)	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Belleville	Effingham	Flora	Nashville
FS HISOY	HS 35X00	RRX	3.5	R	60.3	34.9	19.7	11.3	2	543	1	52.0	55.4	70.8	62.9
DYNA-GRO	S41XS98	RRX,ST	4.1	R	58.0	35.0	18.8	11.8	5	522	2	61.6	49.0	62.1	59.3
NK BRAND	S45-Z5XS	RRX,ST	4.5	R	57.7	34.9	19.2	11.8	2	519	3	60.8	48.8	65.7	55.4
GREAT HEART	GT-3840X	RRX	3.8	R	57.7	34.2	19.2	11.2	4	519	4	56.6	48.5	65.8	59.8
NUTECH	35N03E	E3	3.5	R	56.8	35.7	19.3	11.9	3	512	5	47.0	59.9	61.2	59.2
PIONEER	P39A58X §	RRX	3.9	R	56.8	35.6	18.6	11.4	4	511	6	55.8	52.2	57.1	61.9
ARMOR	A44-D92	RRX,ST	4.4	MR	56.6	34.2	19.2	12.2	18	510	7	53.6	47.6	59.1	66.3
GOLDEN HARVEST	GH3582E3	E3	3.5	R	56.3	34.1	20.0	11.7	2	507	8	61.8	48.5	56.6	58.4
PIONEER	P40A47X §	RRX	4.0	R	56.3	36.4	18.7	11.5	2	507	9	55.0	51.3	58.8	60.1
GOLDEN HARVEST	GH3922E3 §	E3	3.9	MR	56.3	35.0	19.0	11.4	2	507	10	53.9	47.4	62.9	61.0
GOLDEN HARVEST	GH4307X	RRX	4.3	R	56.1	34.6	19.0	11.6	8	505	11	50.9	50.6	61.6	61.2
STINE	36EB32 §	E3	3.6	R	55.7	35.4	19.8	11.8	2	502	12	51.3	49.5	58.1	64.0
NK BRAND	S39-E3	E3	3.9	MR	55.6	35.8	18.9	11.5	2	501	13	64.2	46.4	56.3	55.5
FS HISOY	HS 38X70	RRX	3.8	R	55.4	34.9	19.3	11.6	6	499	14	57.3	52.1	53.3	59.0
ARMOR	A42-D27	RRX,ST	4.2	MR	55.4	35.8	18.5	11.8	5	499	15	59.7	49.2	54.4	58.2
NK BRAND	S42-B9XS GC	RRX,ST	4.2	R	55.4	34.8	19.5	11.6	2	498	16	48.5	44.5	62.8	65.6
ASGROW	AG36X6 GC	RRX	3.6	R	55.3	36.1	19.0	11.4	2	497	18	45.7	53.1	66.5	55.7
NUTECH	43N04E	E3	4.3	R	55.2	33.6	19.7	11.2	5	497	17	52.4	54.1	57.8	56.7
GOLDEN HARVEST	GH3546X	RRX	3.5	R	55.1	35.3	19.4	11.2	5	496	19	53.1	52.4	54.3	60.6
DYNA-GRO	S43EN61	E3	4.3	R	55.0	35.2	19.2	11.7	2	495	20	60.5	50.9	55.6	52.9
STINE	40EB20 §	E3	4.0	NA	54.6	35.1	19.1	11.6	3	492	21	50.4	47.7	57.3	63.1
STINE	37EC20 §	E3	3.7	R	54.5	36.3	19.3	11.9	2	491	22	54.6	47.5	56.5	59.4
ASGROW	AG39X7 §	RRX,ST	3.9	R	54.4	34.8	18.6	11.8	3	490	23	55.5	50.8	59.3	51.9
FS HISOY	HS 39E00	E3	3.9	R	54.4	35.0	19.4	11.3	2	489	24	53.1	47.7	56.0	60.7
FS HISOY	43E00	E3	4.3	R	54.3	35.8	19.1	11.7	3	488	25	57.7	47.2	57.9	54.2
ASGROW	AG37X0 GC	RRX	3.7	R	54.2	35.6	19.1	11.2	1	488	26	52.4	48.5	54.9	61.0
GOLDEN HARVEST	GH3934X §	RRX	3.9	R	54.2	35.9	18.8	11.7	11	488	27	49.5	50.9	55.0	61.3
FS HISOY	HS 38X00	RRX	3.8	MR	54.2	34.1	18.9	11.5	5	488	28	60.9	47.4	54.4	53.9
APEX	AE3610	E3	3.6	R	54.0	35.7	19.6	11.9	2	486	29	54.2	45.8	51.0	65.0
NK BRAND	S35-E3 GC	E3	3.5	R	53.6	34.6	20.3	12.0	2	482	30	46.2	47.3	63.0	57.7

Averages =	54.1	35.2	19.2	11.0	5	487	53.0	48.0	56.5	57.9
LSD (0.10) =	3.9	0.5	0.4	0.4	3		2.8	2.5	3.8	3.0
LSD (0.25) =	2.1	0.3	0.2	0.2	1		1.5	1.3	2.0	1.6

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Prev. years average yield for region: 52.0 bu/a, 19 yr(s)

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

† 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.

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	43E00	E3	R	4.3	ACi,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
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, Saltro
CMBV,SA	Cruisermaxx, Vibrance, Saltro
EQV,SA	Equity VIP, Saltro
Lum,G,IL	Lumisena, Gaucho, ILeVO
W	Warden® CX

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