

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

## 2020 Soybeans Top 30 Harvest Report

Illinois South [ILSO] NASHVILLE, IL  
Dan Bartling, Washington County, IL

<b>All-Season Test</b>	3.5 - 4.5 Day CRM S2020ILSO24
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Atrazine, Capreno
<b>SOIL DESCRIPTION:</b>	Bluford/Hoyleton silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, very high K, 6.1 pH, 2.6% OM, 11.3 CEC
<b>TILLAGE/CULTIVATION:</b>	Conventional W/ Fall Till
<b>PEST MANAGEMENT:</b>	Roundup, Warrant
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Jun 4 140.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 24 109.4 /A

### TEST COMMENTS:

*This test was planted in early June and we got great emergence. Rainfall in June and July promoted all the varieties to get really tall and there was lodging in almost all varieties. The rain shut off in August and September limiting the yields. The beans were very large in the 2200-2500 per pound range. The test was relatively weed-free and the moistures and yields were fairly consistent. This was a great test, just wish we could have got another rain at the end of August to help with yields.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
ARMOR	A44-D92	RRX,ST	4.4	MR	<b>66.3</b>	11.8	22	96.0	597	1
NK BRAND	S42-B9XS GC	RRX,ST	4.2	R	<b>65.6</b>	11.3	4	118.3	590	2
APEX	AE3610	E3	3.6	R	<b>65.0</b>	11.1	5	115.7	585	3
STINE	36EB32 §	E3	3.6	R	<b>64.0</b>	11.0	1	110.0	576	4
NUTECH	41N03E	E3	4.1	R	<b>64.0</b>	11.3	4	115.7	576	5
STINE	40EB20 §	E3	4.0	NA	<b>63.1</b>	11.4	3	106.0	568	6
FS HISOY	HS 35X00	RRX	3.5	R	<b>62.9</b>	10.8	3	100.3	566	7
PIONEER	P36A83X §	RRX	3.6	R	<b>62.8</b>	11.8	4	115.3	565	8
ASGROW	AG38X8 §	RRX	3.8	R	<b>62.3</b>	11.8	6	103.0	561	9
GREAT HEART	GT-3711XS	RRX,ST	3.7	R	<b>62.2</b>	11.1	4	119.7	560	10
PIONEER	P39A58X §	RRX	3.9	R	<b>61.9</b>	11.5	7	107.3	557	11
NUTECH	36N03E	E3	3.6	R	<b>61.4</b>	11.7	2	111.3	553	12
GOLDEN HARVEST	GH3934X §	RRX	3.9	R	<b>61.3</b>	11.1	14	118.3	552	13
GOLDEN HARVEST	GH4307X	RRX	4.3	R	<b>61.2</b>	11.2	11	107.7	551	14
GOLDEN HARVEST	GH3922E3 §	E3	3.9	MR	<b>61.0</b>	11.4	2	110.0	549	15
ASGROW	AG37X0 GC	RRX	3.7	R	<b>61.0</b>	11.2	1	113.0	549	16
FS HISOY	HS 39E00	E3	3.9	R	60.7	11.5	3	110.3	546	17
GOLDEN HARVEST	GH3546X	RRX	3.5	R	60.6	11.0	2	103.0	545	18
ARMOR	A42-E11	E3	4.2	MR	60.5	14.5	6	111.3	544	19
PIONEER	P40A47X §	RRX	4.0	R	60.1	11.0	2	107.3	541	20
GREAT HEART	GT-3840X	RRX	3.8	R	59.8	10.8	3	117.0	538	21
STINE	37EC20 §	E3	3.7	R	59.4	11.5	3	109.0	535	22
DYNA-GRO	S41XS98	RRX,ST	4.1	R	59.3	11.8	10	110.3	534	23
NUTECH	35N03E	E3	3.5	R	59.2	11.8	3	107.7	533	24
APEX	AE3811	E3	3.8	R	59.1	11.7	2	110.0	532	25
FS HISOY	HS 38X70	RRX	3.8	R	59.0	11.3	15	110.3	531	26
STONE	2RX3628	RRX	3.6	R	58.6	11.0	1	110.0	527	27
GREAT HEART	GT-4255XS	RRX,ST	4.2	R	58.5	11.5	11	111.3	526	28
GOLDEN HARVEST	GH3582E3	E3	3.5	R	58.4	11.5	2	103.3	526	29
ARMOR	A42-D27	RRX,ST	4.2	MR	58.2	11.9	4	115.7	524	30

*Jason T. Beyers*

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Averages = **57.9** **11.4** **6** **109.4** **522**

LSD (0.10) = 3.0 ns 4

LSD (0.25) = 1.6 ns 2

C.V. = 4.9

Historic yield: new site

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

Report Date: 10/25/2020

† 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

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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

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

### Soybeans Technologies\*

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E3	Enlist™ E3
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

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**Soybeans Seed Treatments\*\***

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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

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