

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

2020 Soybeans Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL
Klint Tucker, Effingham County, IL 62401

All-Season Test	3.5 - 4.5 Day CRM S2020ILSO22
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Atrazine
SOIL DESCRIPTION:	Bluford silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 6.3 pH, 1.8% OM, 9.5 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Canopy, Everprex, Roundup
Applied N-P-K (units):	27-69-0
SEEDED - RATE - ROW:	May 3 140.0 /A 30" spacing
HARVESTED - STAND:	Oct 11 117.5 /A

TEST COMMENTS:

Klint said the plot had almost ideal conditions all season long except for September which hurt some of the full season varieties. Planted in late May and got off to a great start. Emergence was nice and even at the V2 stage. Plants ranged from 48-54" tall. Seed size ranged from 2700-3500 seeds/lb. Most varieties were still standing really well, with little disease to be noted.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	35N03E	E3	3.5	R	59.9	11.5	4	122.7	539	1
FS HISOY	HS 35X00	RRX	3.5	R	55.4	10.7	1	118.7	499	2
NUTECH	43N04E	E3	4.3	R	54.1	10.0	6	125.3	487	3
ASGROW	AG36X6 GC	RRX	3.6	R	53.1	10.3	2	126.7	478	4
GOLDEN HARVEST	GH3546X	RRX	3.5	R	52.4	10.5	11	114.0	472	5
PIONEER	P39A58X §	RRX	3.9	R	52.2	10.0	4	107.3	470	6
FS HISOY	HS 38X70	RRX	3.8	R	52.1	10.1	5	121.0	469	7
PIONEER	P40A47X §	RRX	4.0	R	51.3	10.8	2	107.3	462	8
ASGROW	AG42X9 §	RRX	4.2	R	51.1	11.1	22	123.7	460	9
DYNA-GRO	S43EN61	E3	4.3	R	50.9	11.0	4	131.0	458	10
GOLDEN HARVEST	GH3934X §	RRX	3.9	R	50.9	11.1	5	124.0	458	11
ASGROW	AG39X7 §	RRX,ST	3.9	R	50.8	11.0	2	115.7	457	12
GOLDEN HARVEST	GH4307X	RRX	4.3	R	50.6	10.5	11	113.0	455	13
STINE	36EB32 §	E3	3.6	R	49.5	11.3	2	125.3	446	14
GREAT HEART	GT-3711XS	RRX,ST	3.7	R	49.5	10.7	3	106.0	446	15
ARMOR	A42-D27	RRX,ST	4.2	MR	49.2	11.0	6	111.3	443	16
DYNA-GRO	S41XS98	RRX,ST	4.1	R	49.0	10.9	4	119.7	441	17
STONE	2RX3628	RRX	3.6	R	48.9	9.9	2	117.3	440	18
NK BRAND	S45-Z5XS	RRX,ST	4.5	R	48.8	10.9	2	115.7	439	19
GOLDEN HARVEST	GH3582E3	E3	3.5	R	48.5	11.2	2	125.3	436	20
GREAT HEART	GT-3840X	RRX	3.8	R	48.5	10.1	5	124.0	436	21
ASGROW	AG37X0 GC	RRX	3.7	R	48.5	9.8	1	110.3	436	22
STINE	40EB20 §	E3	4.0	NA	47.7	10.8	4	107.3	429	23
FS HISOY	HS 39E00	E3	3.9	R	47.7	9.9	1	118.3	429	24
FS HISOY	HS 38E90	E3	3.8	R	47.7	11.3	3	116.0	429	25
ARMOR	A44-D92	RRX,ST	4.4	MR	47.6	12.0	25	119.7	428	26
STINE	37EC20 §	E3	3.7	R	47.5	11.1	2	126.7	428	27
APEX	AE4510	E3	4.5	R	47.5	11.9	2	115.7	428	28
NUTECH	39N04E	E3	3.9	R	47.4	10.4	1	111.7	427	29
GOLDEN HARVEST	GH3922E3 §	E3	3.9	MR	47.4	10.5	1	118.3	427	30

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Averages = **48.0** **10.9** **4** **117.5** **432**

LSD (0.10) = 2.5 0.5 5

LSD (0.25) = 1.3 0.3 3

C.V. = 4.9

Historic yield: 62.2 bu/a, 2 yr(s)

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

Report Date: 10/12/2020

† 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, 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.