

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

2020 Soybeans Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL
John Barttelbort, St. Clair County, IL 62221

All-Season Test	3.5 - 4.5 Day CRM S2020ILSO21
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Atrazine, Glyphosate
SOIL DESCRIPTION:	Edwardsville/Mascoutah silt loam, well drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 5.7 pH, 2.4% OM, 12.0 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Round-Up, Warrant, Roundup, Cobra
Applied N-P-K (units):	14-35-60
SEEDED - RATE - ROW:	Jun 1 140.0 /A 30" spacing
HARVESTED - STAND:	Nov 2 105.0 /A

TEST COMMENTS:

This was no-till field planted early June and the stands were decent but it went through a considerable amount of heavy rains for three months. The plants were so overwatered that they were all pretty short in stature but still yielded consistent for what they went through. The soybeans were average in size and the plot was relatively clean as far as weed pressure. Overall a good test.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	S39-E3	E3	3.9	MR	64.2	13.5	1	99.0	578	1
GOLDEN HARVEST	GH3582E3	E3	3.5	R	61.8	13.0	1	106.0	556	2
DYNA-GRO	S41XS98	RRX,ST	4.1	R	61.6	13.9	1	100.3	554	3
FS HISOY	HS 38X00	RRX	3.8	MR	60.9	13.3	2	103.0	548	4
NK BRAND	S45-Z5XS	RRX,ST	4.5	R	60.8	13.8	1	104.3	547	5
DYNA-GRO	S43EN61	E3	4.3	R	60.5	14.0	1	117.0	544	6
ARMOR	A42-D27	RRX,ST	4.2	MR	59.7	13.7	2	93.3	537	7
FS HISOY	HS 38E90	E3	3.8	R	58.3	13.9	1	103.0	525	8
FS HISOY	HS 43E00	E3	4.3	R	57.7	13.7	1	113.0	519	9
FS HISOY	HS 38X70	RRX	3.8	R	57.3	14.2	2	104.7	516	10
GREAT HEART	GT-3840X	RRX	3.8	R	56.6	13.7	3	104.3	509	11
APEX	<i>AE4510</i>	<i>E3</i>	4.5	R	55.9	14.4	1	111.3	503	12
PIONEER	P39A58X §	RRX	3.9	R	55.8	13.4	1	111.7	502	13
NK BRAND	S37-2E3S	E3,ST	3.7	MR	55.5	13.4	2	118.7	500	14
ASGROW	AG39X7 §	RRX,ST	3.9	R	55.5	13.4	2	111.7	500	15
ZINESTO	Z3501E GC	E3	3.5	R	55.4	13.6	2	104.7	499	16
FS HISOY	HS 41X70	RRX	4.1	R	55.3	14.0	1	114.7	498	17
PIONEER	P40A47X §	RRX	4.0	R	55.0	13.4	1	100.7	495	18
DYNA-GRO	S43XS70	RRX,ST	4.3	R	54.7	13.8	2	108.7	492	19
STINE	37EC20 §	E3	3.7	R	54.6	13.7	1	103.3	491	20
APEX	AE3610	E3	3.6	R	54.2	13.7	1	107.3	488	21
GOLDEN HARVEST	GH3922E3 §	E3	3.9	MR	53.9	13.3	1	110.3	485	22
NUTECH	41N03E	E3	4.1	R	53.8	14.0	3	100.7	484	23
ARMOR	A44-D92	RRX,ST	4.4	MR	53.6	14.3	7	99.0	482	24
STINE	43EB20 GC	E3	4.3	R	53.3	14.1	1	85.0	480	25
PIONEER	P36A83X §	RRX	3.6	R	53.2	13.4	1	110.0	479	26
GOLDEN HARVEST	GH3546X	RRX	3.5	R	53.1	12.8	2	114.3	478	27
FS HISOY	HS 39E00	E3	3.9	R	53.1	13.4	1	99.0	478	28
NK BRAND	S39-G2X §	RRX	3.9	R	53.0	13.7	2	103.0	477	29
ASGROW	AG42X9 §	RRX	4.2	R	52.5	13.8	5	104.7	472	30

Jason T Beyers

Jason Beyers

beyers@frontiernet.net, (815) 493-9005

Averages = **53.0** **13.6** **2** **105.0** **477**

LSD (0.10) = 2.8 0.4 ns

LSD (0.25) = 1.5 0.2 ns

C.V. = 5.1

Historic yield: 57.4 bu/a, 18 yr(s)

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

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.