

Test by: F.I.R.S.T. AMC Inc. Mount Carroll, IL

2020 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] FORSYTH, IL
Jim Cullison, Macon County, IL 61913

All-Season Test	3.3 - 4.3 Day CRM S2020ILSC17
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Halex Gt, Force
SOIL DESCRIPTION:	Flanagan/Dana silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.7 pH, 3.0% OM, 14.8 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Boundry, Sulfentrazone, Flexstar Gt
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 11 170.0 /A 15" spacing
HARVESTED - STAND:	Oct 15 161.2 /A

TEST COMMENTS:

This location was planted in very nice conditions on a nice uniform soil, but took on some heavy rains afterward and struggled with emergence. Plants were short-statured and had very small pods along with the pod clusters more evident on the shorter season varieties. The very dry periods throughout the vegetative growth stages did however let the plot stand nicely and made harvest easy.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P33A53X §	RRX	3.3	R	63.4	8.0	1	158.7	571	1
DYNA-GRO	S41ES80	E3	4.1	R	63.2	8.2	1	184.0	569	2
GOLDEN HARVEST	GH3546X	RRX	3.5	R	61.9	8.1	1	125.3	557	3
STONE	2RX3628	RRX	3.6	R	61.4	8.0	1	133.7	553	4
ASGROW	AG33X0 §	RRX	3.3	R	61.3	8.0	1	184.0	552	5
FS HISOY	HS 41X70	RRX	4.1	R	60.1	8.2	1	189.7	541	6
NK BRAND	S39-E3	E3	3.9	MR	59.8	7.9	1	145.0	538	7
NK BRAND	S35-E3	E3	3.5	R	59.2	8.3	1	156.3	533	8
NUTECH	34N06E	E3	3.4	R	57.9	8.6	1	159.0	521	9
STINE	36EB32 §	E3	3.6	R	57.8	8.4	1	162.0	520	10
DONMARIO	DM 41P2X	RRX	4.1	R	57.8	8.4	1	145.0	520	11
GREAT HEART	GT-3840X	RRX	3.8	R	57.6	8.2	1	159.0	518	12
NK BRAND	S42-B9XS	RRX,ST	4.2	R	57.4	8.2	1	173.0	517	13
FS HISOY	HS 35X00	RRX	3.5	R	57.4	8.1	1	172.7	517	14
GOLDEN HARVEST	GH3728X	RRX	3.7	R	57.2	8.2	1	187.0	515	15
ASGROW	AG34X6 GC	RRX	3.4	R	56.9	7.8	1	175.7	512	16
FS HISOY	HS 38X00	RRX	3.8	MR	56.8	8.1	1	153.3	511	17
FS HISOY	HS 34E80	E3	3.4	R	56.3	8.2	1	142.0	507	18
NK BRAND	S37-2E3S	E3,ST	3.7	MR	56.2	8.4	1	175.7	506	19
PIONEER	P39A58X §	RRX	3.9	R	55.6	8.1	1	159.0	500	20
GENESIS	G4350E	E3	4.3	R	55.6	8.3	1	164.3	500	21
ASGROW	AG38X8 GC	RRX	3.8	R	55.6	8.2	1	156.0	500	22
RENK	RS357NX	RRX	3.5	R	55.1	8.1	1	142.3	496	23
DONMARIO	DM 3932E	E3	3.9	R	55.1	7.8	1	134.0	496	24
GOLDEN HARVEST	GH3582E3	E3	3.5	R	55.0	8.4	1	136.3	495	25
GENESIS	G3350E	E3	3.3	R	55.0	8.2	1	162.0	495	26
DONMARIO	DM 38X51	RRX	3.8	R	54.5	8.1	1	145.0	490	27
NUTECH	36N03E	E3	3.6	R	54.3	8.4	1	178.7	489	28
DYNA-GRO	S37EN39	E3	3.7	R	54.1	8.0	1	139.3	487	29
DYNA-GRO	S39EN19	E3	3.9	R	53.9	8.0	1	136.7	485	30

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Averages = **53.0** **8.2** **1** **161.2** **477**

LSD (0.10) = 2.3 0.2 ns

LSD (0.25) = 1.2 0.1 ns

C.V. = 4.2

Historic yield: 59.0 bu/a, 13 yr(s)

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

2020 Soybeans - Illinois South Central [ILSC]

All-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
AGRIGOLD	G3285RX GC	RRX	NA	3.2	NA
APEX	AE3310	E3	R	3.3	CMBV,SA
APEX	AE3610	E3	R	3.6	CMBV,SA
APEX	AE3811	E3	R	3.8	CMBV,SA
ASGROW	AG33X0 §	RRX	R	3.3	NA
ASGROW	AG34X6 GC	RRX	R	3.4	NA
ASGROW	AG37X0 §	RRX	R	3.7	NA
ASGROW	AG38X8 GC	RRX	R	3.8	NA
ASGROW	AG39X7 §	RRX,ST	R	3.9	NA
ASGROW	AG42X9 GC	RRX	R	4.2	NA
DONMARIO	DM 3756E	E3	R	3.7	CMBV,SA
DONMARIO	DM 38X51	RRX	R	3.8	CMBV,SA
DONMARIO	DM 3932E	E3	R	3.9	CMBV,SA
DONMARIO	DM 40X61	RRX	R	4.0	CMBV,SA
DONMARIO	DM 41P2X	RRX	R	4.1	CMBV,SA
DONMARIO	DM 43E51	E3	R	4.3	CMBV,SA
DYNA-GRO	S37EN39	E3	R	3.7	EQV,SA
DYNA-GRO	S37XS89	RRX,ST	R	3.7	EQV,SA
DYNA-GRO	S38XS21	RRX,ST	R	3.8	EQV,SA
DYNA-GRO	S39EN19	E3	R	3.9	EQV,SA
DYNA-GRO	S41ES80	E3	R	4.1	EQV,SA
FS HISOY	HS 34E80	E3	R	3.4	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
FS HISOY	HS 43E00	E3	R	4.3	ACi,SA
GENESIS	G3350E	E3	R	3.3	EcTC,SA
GENESIS	G4350E	E3	R	4.3	EcTC,SA
GOLDEN HARVEST	GH3347X GC	RRX	R	3.3	CMBV,SA
GOLDEN HARVEST	GH3546X	RRX	R	3.5	CMBV,SA
GOLDEN HARVEST	GH3582E3	E3	R	3.5	CMBV,SA
GOLDEN HARVEST	GH3728X	RRX	R	3.7	CMBV,SA
GOLDEN HARVEST	GH3922E3 §	E3	MR	3.9	CMBV,SA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
GOLDEN HARVEST	GH3934X §	RRX	R	3.9	CMBV,SA
GREAT HEART	GT-3711XS	RRX,ST	R	3.7	NA
GREAT HEART	GT-3840X	RRX	R	3.8	NA
LG SEEDS	LGS3202RX GC	RRX	NA	3.2	NA
NK BRAND	S33-2E3 GC	E3	NA	3.3	CMBV,SA
NK BRAND	S35-E3	E3	R	3.5	CMBV,SA
NK BRAND	S35-K9X §	RRX	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	RRX,ST	R	4.2	CMBV,SA
NUTECH	34N06E	E3	R	3.4	Lum,G,IL
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
PIONEER	P33A53X §	RRX	R	3.3	NA
PIONEER	P36A83X §	RRX	R	3.6	NA
PIONEER	P39A58X §	RRX	R	3.9	NA
RENK	RS357NX	RRX	R	3.5	EcTC,SA
RENK	RS379NSX	RRX	R	3.7	EcTC,SA
STINE	33EC02 §	E3	R	3.3	NA
STINE	36EB32 §	E3	R	3.6	NA
STINE	37EC20 §	E3	R	3.7	NA
STINE	43EB20 GC	E3	R	4.3	NA
STONE	2RX3527	RRX	R	3.5	NA
STONE	2RX3628	RRX	R	3.6	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
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro
EQV,SA	Equity VIP, Saltro
Lum,G,IL	Lumisena, Gaucho, ILeVO

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