

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

2020 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] VIRDEN, IL
Roger Ladage, Macoupin County, IL 62690

All-Season Test	3.3 - 4.3 Day CRM S2020ILSC19
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Acuron, Force
SOIL DESCRIPTION:	Ipava silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.5 pH, 2.9% OM, 16.0 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Matador, Roundup
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 12 170.0 /A 15" spacing
HARVESTED - STAND:	Oct 14 122.5 /A

TEST COMMENTS:

This location was planted in superb soil conditions and had good emergence along with nice vegetative growth. Plants had good pod sets and stood very well and ranged in size anywhere from 32" to 48" tall. The lack of moisture later in the growing season affected the pod fill and seed size especially in the top 6" of the plants, but the plot as a whole looked healthy and did not show any signs of disease.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 34E80	E3	3.4	R	70.5	9.8	1	103.3	634	1
STINE	33EC02 §	E3	3.3	R	70.1	9.5	1	125.7	631	2
FS HISOY	HS 35X00	RRX	3.5	R	69.8	10.2	1	125.3	628	3
RENK	RS379NSX	RRX	3.7	R	69.6	9.7	1	120.0	626	4
GOLDEN HARVEST	GH3934X §	RRX	3.9	R	69.4	9.3	1	128.3	625	5
STINE	43EB20 GC	E3	4.3	R	69.3	9.2	1	108.7	624	6
GOLDEN HARVEST	GH3922E3 §	E3	3.9	MR	69.2	9.7	1	120.0	623	7
RENK	RS357NX	RRX	3.5	R	69.1	9.9	1	133.7	622	8
DONMARIO	DM 3932E	E3	3.9	R	69.0	9.3	1	159.0	621	9
GOLDEN HARVEST	GH3546X	RRX	3.5	R	68.8	9.0	1	125.3	619	10
STINE	36EB32 §	E3	3.6	R	68.7	9.7	1	97.7	618	11
DYNA-GRO	S37EN39	E3	3.7	R	68.4	9.6	1	131.0	616	12
NUTECH	39N04E	E3	3.9	R	68.3	9.8	1	147.7	615	13
STONE	2RX3527	RRX	3.5	R	67.8	9.3	1	125.3	610	14
APEX	AE3310	E3	3.3	R	67.7	9.2	1	103.0	609	15
FS HISOY	HS 38X00	RRX	3.8	MR	67.7	9.7	1	92.0	609	16
NK BRAND	S39-G2X	RRX	3.9	R	67.6	9.6	1	131.0	608	17
PIONEER	P33A53X §	RRX	3.3	R	67.4	9.5	1	100.0	607	18
NUTECH	34N06E	E3	3.4	R	67.4	9.8	1	89.0	607	19
FS HISOY	HS 41X70	RRX	4.1	R	67.4	9.4	1	105.7	607	20
ASGROW	AG38X8 GC	RRX	3.8	R	67.4	8.8	1	89.3	607	21
APEX	AE3610	E3	3.6	R	67.4	9.3	1	75.3	607	22
NK BRAND	S39-E3	E3	3.9	MR	67.3	9.6	1	153.3	606	23
DYNA-GRO	S39EN19	E3	3.9	R	67.2	9.9	1	128.3	605	24
PIONEER	P36A83X §	RRX	3.6	R	67.1	8.9	1	111.3	604	25
APEX	AE3811	E3	3.8	R	67.1	9.2	1	125.7	604	26
DYNA-GRO	S37XS89	RRX,ST	3.7	R	66.8	9.0	1	108.7	601	27
ASGROW	AG37X0 §	RRX	3.7	R	66.6	9.9	1	136.7	599	28
NK BRAND	S37-2E3S	E3,ST	3.7	MR	66.4	9.9	1	145.0	598	29
NUTECH	36N03E	E3	3.6	R	66.1	9.9	1	145.0	595	30

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Averages = **65.7** **9.6** **1** **122.5** **591**

LSD (0.10) = 4.2 ns ns

LSD (0.25) = 2.2 ns ns

C.V. = 6.1

Historic yield: 55.8 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 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.