

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

2020 Soybeans Top 30 Harvest Report

Illinois South Central [ILSC] WILLIAMSVILLE, IL
Bruce & Nick Constant, Sangamon County, IL 62693

All-Season Test	3.3 - 4.3 Day CRM S2020ILSC20
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Resicore, Roundup, Quilt Xcel, Force
SOIL DESCRIPTION:	Sable, Ipava silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, high K, 6.7 pH, 3.7% OM, 16.3 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Flexstar Gt, Roundup Powermax
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 11 170.0 /A 15" spacing
HARVESTED - STAND:	Oct 14 166.1 /A

TEST COMMENTS:

This location was planted in somewhat dry conditions but followed shortly with plenty of moisture. Emergence did struggle a bit early on but the varieties compensated and filled out well for the conditions that they were subjected to. Although planted fairly early, pod fill began at a slower pace than normal. A lack of rain in late July and August is more than likely to blame. This plot was planted with Bruce and Nick Constant after a year break, and I can't thank them enough for being outstanding plot hosts.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P39A58X §	RRX	3.9	R	74.2	7.9	1	142.0	668	1
APEX	AE3310	E3	3.3	R	72.5	8.0	1	175.5	652	2
DYNA-GRO	S39EN19	E3	3.9	R	72.3	7.5	1	186.7	651	3
NK BRAND	S39-G2X	RRX	3.9	R	71.6	7.8	1	156.0	644	4
NUTECH	41N03E	E3	4.1	R	70.6	7.6	1	188.0	634	5
STINE	37EC20 §	E3	3.7	R	70.2	7.9	1	170.0	632	6
GOLDEN HARVEST	GH3546X	RRX	3.5	R	70.0	7.8	1	161.3	630	7
ASGROW	AG37X0 §	RRX	3.7	R	69.4	7.9	1	195.0	625	8
DONMARIO	DM 38X51	RRX	3.8	R	69.1	8.2	1	139.3	622	9
RENK	RS357NX	RRX	3.5	R	69.0	8.2	1	181.3	621	10
DYNA-GRO	S38XS21	RRX,ST	3.8	R	68.5	8.0	1	145.3	616	11
NK BRAND	S39-E3	E3	3.9	MR	68.4	7.9	1	161.7	616	12
NUTECH	34N06E	E3	3.4	R	68.4	7.6	1	145.0	616	13
APEX	AE3811	E3	3.8	R	68.3	7.7	1	164.3	615	14
ASGROW	AG34X6 GC	RRX	3.4	R	68.3	8.1	1	164.3	615	15
NUTECH	39N04E	E3	3.9	R	68.2	7.7	1	156.0	614	16
STONE	2RX3628	RRX	3.6	R	68.1	8.1	1	161.7	613	17
FS HISOY	HS 35X00	RRX	3.5	R	68.1	7.6	1	142.3	613	18
RENK	RS379NSX	RRX	3.7	R	68.0	7.8	1	178.3	612	19
DYNA-GRO	S37EN39	E3	3.7	R	68.0	7.9	1	186.7	612	20
FS HISOY	HS 38X70	RRX	3.8	R	67.6	7.9	1	181.0	608	21
NK BRAND	S35-E3	E3	3.5	R	67.4	8.0	1	164.3	607	22
NK BRAND	S35-K9X §	RRX	3.5	R	67.4	8.2	1	139.3	607	23
STINE	36EB32 §	E3	3.6	R	67.2	8.2	1	189.7	605	24
DYNA-GRO	S37XS89	RRX,ST	3.7	R	67.2	8.2	1	176.0	605	25
LG SEEDS	LGS3202RX GC	RRX	3.2	NA	67.1	7.9	1	142.0	604	26
NK BRAND	S33-2E3 GC	E3	3.3	NA	67.0	7.7	1	170.0	603	27
GREAT HEART	GT-3711XS	RRX,ST	3.7	R	67.0	8.5	1	170.0	603	28
STONE	2RX3527	RRX	3.5	R	66.9	7.5	1	164.7	602	29
GENESIS	G4350E	E3	4.3	R	66.9	8.0	1	167.3	602	30

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Averages = **66.7** **8.0** **1** **166.1** **600**

LSD (0.10) = 3.6 ns ns

LSD (0.25) = 1.9 ns ns

C.V. = 5.2

Historic yield: 78.7 bu/a, 2 yr(s)

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

Report Date: 10/15/2020

† 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 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.