

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

2020 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] HENRY, IL
Kevin Knapp, Marshall County, IL 61336

All-Season Test	2.8 - 3.8 Day CRM S2020ILNC13
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Lexar Ez, Guardian Max, Atrazine, Halex Gt
SOIL DESCRIPTION:	Muscature, Catlin silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	high P, very high K, 6.6 pH, 4.5% OM, 21.8 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Authority Maxx, Roundup Powermax, Salvan, Guardian, Flexstar Gt, Roundup Powermax, Volunteer, Quadris
Applied N-P-K (units):	19-91-126
SEEDED - RATE - ROW:	Jun 1 170.0 /A 15" spacing
HARVESTED - STAND:	Oct 16 153.1 /A

TEST COMMENTS:

This location was planted on June 1 and went in extremely nice, soil conditions were beyond ideal. There was an ample amount of moisture during emergence, vegetative growth wasn't extreme, and plants averaged 30"-36" in height. Stem quality and standability were very good, pods were filled up the entire plant, yet seed size still remained small. There was no evidence of any disease at this location. The plot as a whole looked very nice considering the dry August.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
P3 GENETICS	2034E	E3	3.4	R	72.4	9.9	1	125.3	652	1
NK BRAND	S35-K9X	RRX	3.5	R	70.5	9.9	1	167.3	634	2
GREAT HEART	GT-3840X	RRX	3.8	R	70.5	9.9	1	136.7	634	3
STINE	36EB32 §	E3	3.6	R	70.0	9.8	1	159.0	630	4
NK BRAND	S30-M9X §	RRX	3.0	R	69.5	9.9	1	156.3	626	5
APEX	AE3310	E3	3.3	R	68.6	10.1	1	175.7	617	6
RENK	RS357NX	RRX	3.5	R	68.5	10.0	1	145.0	616	7
ZINESTO	Z3501E	E3	3.5	R	68.4	10.0	1	131.0	616	8
GOLDEN HARVEST	GH3347X	RRX	3.3	R	68.4	10.0	2	161.7	616	9
DYNA-GRO	S35EN99	E3	3.5	R	68.2	10.0	1	134.0	614	10
PIONEER	P33A53X §	RRX	3.3	R	68.0	9.7	1	131.0	612	11
FS HISOY	HS 35X00	RRX	3.5	R	68.0	9.9	2	142.3	612	12
NK BRAND	S35-E3	E3	3.5	R	67.9	9.9	1	170.0	611	13
GOLDEN HARVEST	GH3546X	RRX	3.5	R	67.7	9.9	2	173.0	609	14
P3 GENETICS	2136E	E3	3.6	R	67.6	9.9	1	145.0	608	15
NK BRAND	S31-Y2X §	RRX	3.1	R	67.5	9.6	1	125.7	608	17
NUTECH	36N03E	E3	3.6	R	67.5	9.9	1	148.0	608	16
GOLDEN HARVEST	GH2788X	RRX	2.7	R	67.5	9.7	1	145.0	608	18
FS HISOY	HS 32E00	E3	3.2	R	67.4	10.0	1	159.0	607	19
STONE	2RX2929	RRX	2.9	R	67.2	9.8	1	139.3	605	20
LG SEEDS	LGS3060RX GC	RRX	3.0	NA	67.0	9.8	1	153.3	603	21
ASGROW	AG29X9 GC	RRX	2.9	R	66.8	9.7	1	131.0	601	23
CORNELIUS	CB36X22	RRX	3.6	R	66.8	9.8	1	159.0	601	22
NUTECH	31N06E	E3	3.1	R	66.7	9.7	1	167.3	600	24
RENK	RS280NX	RRX	2.8	R	66.6	9.7	1	125.3	599	25
RENK	RS301NX	RRX	3.1	R	66.5	9.7	1	150.7	598	26
DONMARIO	DM 34E11	E3	3.4	R	66.3	9.9	1	156.3	597	28
FS HISOY	HS 34X60	RRX	3.4	R	66.3	9.8	1	158.7	597	27
APEX	AE3110	E3	3.1	R	66.2	9.7	1	139.3	596	29
STONE	2RX3527	RRX	3.5	R	66.1	9.8	1	156.3	595	30

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Averages = **64.9** **9.9** **1** **153.1** **585**

LSD (0.10) = 1.7 0.1 1

LSD (0.25) = 0.9 0.1 0

C.V. = 2.5

Historic yield: 60.6 bu/a, 1 yr(s)

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

Report Date: 10/16/2020

† 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 North Central [ILNC]

All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE3001	E3	R	3.0	CMBV,SA
APEX	AE3110	E3	R	3.1	CMBV,SA
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	AG29X9 GC	RRX	R	2.9	NA
ASGROW	AG33X0 §	RRX	R	3.3	NA
ASGROW	AG37X0 §	RRX	R	3.7	NA
ASGROW	AG38X8 §	RRX	R	3.8	NA
CORNELIUS	CB33X17	RRX	R	3.3	PG+
CORNELIUS	CB36X22	RRX	R	3.6	PG+
CORNELIUS	CB38X89	RRX	R	3.8	PG+
DONMARIO	DM 31X61	RRX	R	3.1	CMBV,SA
DONMARIO	DM 34E11	E3	R	3.4	CMBV,SA
DONMARIO	DM 34X16	RRX	R	3.4	CMBV,SA
DONMARIO	DM 3756E	E3	R	3.7	CMBV,SA
DYNA-GRO	S35EN99	E3	R	3.5	EQV,SA
DYNA-GRO	S36ES70	E3	R	3.6	EQV,SA
DYNA-GRO	S36XT91	RRX	MR	3.6	EQV,SA
FS HISOY	HS 28E90	E3	R	2.8	ACi,SA
FS HISOY	HS 30X00	RRX	R	3.0	ACi,SA
FS HISOY	HS 32E00	E3	R	3.2	ACi,SA
FS HISOY	HS 32X90	RRX	R	3.2	ACi,SA
FS HISOY	HS 34E80	E3	R	3.4	ACi,SA
FS HISOY	HS 34X60	RRX	R	3.4	ACi,SA
FS HISOY	HS 35X00	RRX	R	3.5	ACi,SA
FS HISOY	HS 38X70	RRX	R	3.8	ACi,SA
GENESIS	G3040E	E3	R	3.0	EcTC,SA
GOLDEN HARVEST	GH2788X	RRX	R	2.7	CMBV,SA
GOLDEN HARVEST	GH3347X	RRX	R	3.3	CMBV,SA
GOLDEN HARVEST	GH3380E3 §	E3	NA	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
GREAT HEART	GT-3711XS	RRX,ST	R	3.7	NA
GREAT HEART	GT-3840X	RRX	R	3.8	NA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
HEFTY	H28X8	RRX	R	2.8	Untreated
HEFTY	H29X8	RRX	MR	2.9	HCS
HEFTY	H31X9	RRX	R	3.1	HCS
HEFTY	H33X0	RRX	R	3.3	HCS
LG SEEDS	LGS3060RX GC	RRX	NA	3.0	NA
NK BRAND	S30-M9X §	RRX	R	3.0	CMBV,SA
NK BRAND	S31-Y2X §	RRX	R	3.1	CMBV,SA
NK BRAND	S33-2E3	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
NUTECH	28N02E	E3	R	2.8	Lum,G,IL
NUTECH	30N03E	E3	R	3.0	Lum,G,IL
NUTECH	31N06E	E3	R	3.1	Lum,G,IL
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
P3 GENETICS	2034E	E3	R	3.4	PG+
P3 GENETICS	2136E	E3	R	3.6	PG+
PIONEER	P31A22X §	RRX	R	3.1	NA
PIONEER	P33A53X §	RRX	R	3.3	NA
PIONEER	P36A83X §	RRX	R	3.6	NA
RENK	RS280NX	RRX	R	2.8	EcTC,SA
RENK	RS301NX	RRX	R	3.1	EcTC,SA
RENK	RS357NX	RRX	R	3.5	EcTC,SA
RENK	RS379NSX	RRX	R	3.7	EcTC,SA
STINE	28EC32 §	E3	R	2.8	NA
STINE	33EC02 §	E3	R	3.3	NA
STINE	36EB32 §	E3	R	3.6	NA
STONE	2RX2929	RRX	R	2.9	NA
STONE	2RX3527	RRX	R	3.5	NA
ZINESTO	Z3001E	E3	R	3.0	NA
ZINESTO	Z3101E	E3	R	3.1	NA
ZINESTO	Z3111E	E3	R	3.1	NA
ZINESTO	Z3301E	E3	R	3.3	NA
ZINESTO	Z3501E	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
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro
EQV,SA	Equity VIP, Saltro
HCS	Hefty Complete Soybeans
Lum,G,IL	Lumisena, Gaucho, ILeVO
PG+	Profit Guard +
Untreated	No seed treatment

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