

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

2020 Soybeans Top 30 Harvest Report

Illinois North Central [ILNC] MACOMB, IL
Joel Lewis, McDonough County, IL 61438

All-Season Test	2.8 - 3.8 Day CRM S2020ILNC14
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Roundup, Harness Xtra, Force
SOIL DESCRIPTION:	Ipava/Osco silt loam, well drained, non-irrigated
SOIL CONDITION:	very high P, high K, 6.4 pH, 3.2% OM, 16.4 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Zidua Pro, Roundup Powermax, Warrant Ultra, Roundup Powermax, Fastac, Priaxor
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 12 170.0 /A 15" spacing
HARVESTED - STAND:	Oct 13 157.7 /A

TEST COMMENTS:

This location was planted in very nice conditions and was off to a great start with plenty of moisture through emergence. The plot was nice and uniform during the growing season and showed lots of potential. The very dry August took its toll on most of the varieties, especially the longer season ones. Plant height averaged around 36" to 42" with the top 4 to 6 inches showing only 2 pods, small seed size was common throughout the plot. The plot stood very well and had no signs of disease.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	S35-E3	E3	3.5	R	76.9	8.3	1	159.3	692	1
DONMARIO	DM 34E11	E3	3.4	R	71.6	8.7	1	164.3	644	2
LG SEEDS	LGS3060RX GC	RRX	3.0	NA	71.1	7.7	1	136.3	640	3
PIONEER	P33A53X §	RRX	3.3	R	70.8	7.8	1	175.7	637	4
APEX	AE3610	E3	3.6	R	69.5	8.5	1	156.3	626	5
NUTECH	35N03E	E3	3.5	R	69.3	9.8	1	173.0	624	6
STINE	36EB32 §	E3	3.6	R	68.7	8.4	1	164.3	618	7
STINE	28EC32 §	E3	2.8	R	66.8	7.6	1	175.3	601	8
ASGROW	AG33X0 §	RRX	3.3	R	66.4	8.2	1	159.0	598	9
NUTECH	36N03E	E3	3.6	R	65.8	8.4	1	150.7	592	10
GOLDEN HARVEST	GH3546X	RRX	3.5	R	65.6	8.2	1	136.3	590	11
GOLDEN HARVEST	GH2788X	RRX	2.7	R	65.6	8.1	1	158.7	590	12
GOLDEN HARVEST	GH3347X	RRX	3.3	R	65.5	8.3	1	156.3	590	13
ASGROW	AG37X0 §	RRX	3.7	R	65.3	7.5	1	161.7	588	14
NUTECH	34N06E	E3	3.4	R	65.3	8.5	1	181.0	588	15
NUTECH	31N06E	E3	3.1	R	65.2	8.5	1	183.7	587	16
DYNA-GRO	S36ES70	E3	3.6	R	65.0	8.5	1	211.7	585	17
P3 GENETICS	2034E	E3	3.4	R	64.4	8.2	1	164.3	580	18
FS HISOY	HS 35X00	RRX	3.5	R	64.3	8.2	1	167.7	579	19
ZINESTO	Z3111E	E3	3.1	R	64.2	8.4	1	159.0	578	20
NK BRAND	S35-K9X	RRX	3.5	R	64.2	8.3	1	142.0	578	21
RENK	RS357NX	RRX	3.5	R	63.7	7.9	1	153.3	573	22
STINE	33EC02 §	E3	3.3	R	63.5	8.9	1	139.7	572	23
HEFTY	H29X8	RRX	2.9	MR	62.9	7.8	1	159.0	566	24
DYNA-GRO	S36XT91	RRX	3.6	MR	62.7	7.9	1	186.7	564	25
FS HISOY	HS 28E90	E3	2.8	R	62.7	8.0	1	156.3	564	26
CORNELIUS	CB38X89	RRX	3.8	R	62.4	9.3	1	153.3	562	27
P3 GENETICS	2136E	E3	3.6	R	62.3	8.4	1	147.7	561	28
HEFTY	H33X0	RRX	3.3	R	62.1	8.0	1	136.7	559	29
RENK	RS301NX	RRX	3.1	R	61.8	8.8	1	170.3	556	30

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Averages = **58.6** **8.5** **1** **157.7** **528**

LSD (0.10) = 2.9 0.8 ns

LSD (0.25) = 1.5 0.4 ns

C.V. = 4.7

Historic yield: 59.0 bu/a, 19 yr(s)

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

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.