

Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

## 2020 Soybeans Top 30 Harvest Report

Illinois North [ILNO] MALTA, IL  
Steve Drendel, DeKalb County, IL 60150

<b>All-Season Test</b>	2.4 - 3.3 Day CRM S2020ILNO11
<b>Top 30 of 72</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Verdict, 41% Glyphos, Callisto
<b>SOIL DESCRIPTION:</b>	Catlin silt loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, very high K, 7.1 pH, 4.1% OM, 20.5 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/O Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Buccaneer Plus, Medal, Select Max, Asana (2), Priaxor
<b>Applied N-P-K (units):</b>	0-0-66
<b>SEEDED - RATE - ROW:</b>	May 8 170.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 7 166.5 /A

### TEST COMMENTS:

Soil conditions were really good at planting and everything emerged really well. Vegetative growth was good, but the reproductive stage struggled in August. Plants were all less than 36" tall and standing fairly well. Steve commented that he thought the field around it averaged around 66 bu/ac. Little evidence of any diseases. Top 6" of plants contained a lot of 2 bean pods and seed size was small.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	S30-M9X §	RRX	3.0	R	75.7	11.1	11	175.3	681	1
FS HISOY	HS 30X00	RRX	3.0	R	75.5	10.6	9	134.0	680	2
GOLDEN HARVEST	GH3088X	RRX	3.0	R	74.0	10.6	9	172.7	666	3
GOLDEN HARVEST	GH3380E3	E3	3.3	NA	74.0	11.6	14	186.7	666	4
NK BRAND	S33-2E3	E3	3.3	NA	73.9	11.7	14	186.7	665	5
ASGROW	AG33X0 §	RRX	3.3	R	73.0	11.3	11	164.3	657	6
HEFTY	H33X0	RRX	3.3	R	72.8	11.2	7	153.3	655	7
NK BRAND	S30-E3	E3	3.0	R	71.8	10.8	7	175.3	646	8
GENESIS	G3350E	E3	3.3	R	71.8	11.3	11	158.7	646	9
APEX	AE3310	E3	3.3	R	71.3	12.2	15	175.7	642	10
ASGROW	AG26X8 GC	RRX	2.6	R	71.2	10.9	11	159.0	641	11
<b>DONMARIO</b>	<b>DM 34X16</b>	<b>RRX</b>	<b>3.4</b>	<b>R</b>	<b>70.9</b>	<b>11.3</b>	<b>12</b>	<b>176.0</b>	<b>638</b>	<b>12</b>
NUTECH	31N06E	E3	3.1	R	70.6	11.3	18	181.3	635	13
ZINESTO	Z3111E	E3	3.1	R	70.5	11.4	14	178.3	634	14
NK BRAND	S31-Y2X	RRX	3.1	R	70.2	10.5	7	162.0	632	15
APEX	AE3110	E3	3.1	R	70.2	11.0	20	159.3	632	16
PIONEER	P31A22X §	RRX	3.1	R	70.1	10.9	14	172.7	631	17
HEFTY	H29X8	RRX	2.9	MR	70.0	10.7	6	164.3	630	18
RENK	RS301NX	RRX	3.1	R	69.9	11.2	12	170.3	629	19
FS HISOY	HS 27X90	RRX	2.7	R	69.6	10.7	7	128.0	626	20
RENK	RS248NX	RRX	2.4	R	69.6	10.8	9	167.3	626	21
DYNA-GRO	S32EN01	E3	3.2	R	69.6	11.5	14	167.3	626	22
RENK	RS280NX	RRX	2.8	R	69.1	10.8	11	170.0	622	23
NUTECH	30N03E	E3	3.0	R	69.0	10.5	7	181.0	621	24
FS HISOY	HS 32E00	E3	3.2	R	68.7	11.7	14	164.3	618	25
PIONEER	P24A80X GC	RRX	2.4	R	68.6	10.7	6	192.3	617	26
DYNA-GRO	S30EN70	E3	3.0	R	68.3	10.8	9	145.0	615	27
APEX	AE2510	E3	2.5	R	68.3	10.7	6	167.3	615	28
FS HISOY	HS 32X90	RRX	3.2	R	68.2	11.1	6	184.0	614	29
PIONEER	P27A17X §	RRX	2.7	R	68.2	10.6	11	181.3	614	30

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Averages = **67.4** **10.9** **9** **166.5** **607**

LSD (0.10) = 3.0 0.3 4

LSD (0.25) = 1.6 0.2 2

C.V. = 4.2

Historic yield: 61.1 bu/a, 17 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$9.00

## 2020 Soybeans - Illinois North [ ILNO ]

### All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2510	E3	R	2.5	CMBV,SA
APEX	AE2800	E3	R	2.8	CMBV,SA
APEX	AE3001	E3	R	3.0	CMBV,SA
APEX	AE3110	E3	R	3.1	CMBV,SA
APEX	AE3310	E3	R	3.3	CMBV,SA
ASGROW	AG25X9 GC	RRX	R	2.5	NA
ASGROW	AG26X0 §	RRX	R	2.6	NA
ASGROW	AG26X8 GC	RRX	R	2.6	NA
ASGROW	AG27X0 §	RRX	R	2.7	NA
ASGROW	AG33X0 §	RRX	R	3.3	NA
CORNELIUS	CB29X33	RRX	R	2.9	PG+
CORNELIUS	CB33X17	RRX	R	3.3	PG+
DONMARIO	DM 28J9X	RRX	R	2.8	CMBV,SA
DONMARIO	DM 31X61	RRX	R	3.1	CMBV,SA
DONMARIO	DM 34X16	RRX	R	3.4	CMBV,SA
DYNA-GRO	S28XT58	RRX	R	2.8	EQV,SA
DYNA-GRO	S30EN70	E3	R	3.0	EQV,SA
DYNA-GRO	S32EN01	E3	R	3.2	EQV,SA
FS HISOY	HS 24X80	RRX	R	2.4	ACi,SA
FS HISOY	HS 25E00	E3	R	2.5	ACi,SA
FS HISOY	HS 27X90	RRX	R	2.7	ACi,SA
FS HISOY	HS 28X70	RRX	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
GENESIS	G2550E	E3	R	2.5	CMBV,SA
GENESIS	G2840E	E3	R	2.8	CMBV,SA
GENESIS	G3040E	E3	R	3.0	CMBV,SA
GENESIS	G3150E	E3	R	3.1	CMBV,SA
GENESIS	G3350E	E3	R	3.3	CMBV,SA
GOLDEN HARVEST	GH2788X	RRX	R	2.7	CMBV,SA
GOLDEN HARVEST	GH2818E3	E3	MR	2.8	CMBV,SA
GOLDEN HARVEST	GH3088X	RRX	R	3.0	CMBV,SA
GOLDEN HARVEST	GH3152E3S §	E3,ST	MR	3.1	CMBV,SA
GOLDEN HARVEST	GH3347X	RRX	R	3.3	CMBV,SA
GOLDEN HARVEST	GH3380E3	E3	NA	3.3	CMBV,SA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
HEFTY	H25X0	RRX	R	2.5	HCS
HEFTY	H28X8	RRX	R	2.8	Untreated
HEFTY	H29X8	RRX	MR	2.9	HCS
HEFTY	H33X0	RRX	R	3.3	HCS
NK BRAND	S27-M8X §	RRX	R	2.7	CMBV,SA
NK BRAND	S28-E3	E3	MR	2.8	CMBV,SA
NK BRAND	S30-E3	E3	R	3.0	CMBV,SA
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
NUTECH	24N02E	E3	R	2.4	Lum,G,IL
NUTECH	24N04E	E3	R	2.4	Lum,G,IL
NUTECH	26N04E	E3	R	2.6	Lum,G,IL
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
P3 GENETICS	2029E	E3	R	2.9	PG+
P3 GENETICS	2131E	E3	R	3.1	PG+
PIONEER	P24A80X GC	RRX	R	2.4	NA
PIONEER	P25A04X §	RRX	R	2.5	NA
PIONEER	P27A17X §	RRX	R	2.7	NA
PIONEER	P31A22X §	RRX	R	3.1	NA
RENK	RS248NX	RRX	R	2.4	EcTC,SA
RENK	RS250NX	RRX	R	2.5	EcTC,SA
RENK	RS280NX	RRX	R	2.8	EcTC,SA
RENK	RS301NX	RRX	R	3.1	EcTC,SA
STINE	24EA12 §	E3	R	2.4	NA
STINE	26EB23 §	E3	R	2.6	NA
STINE	27EC20 §	E3	R	2.7	NA
STONE	2RX2639	RRX	R	2.6	NA
STONE	2RX3120	RRX	R	3.1	NA
ZINESTO	Z2401E	E3	R	2.4	NA
ZINESTO	Z2501E	E3	R	2.5	NA
ZINESTO	Z2701E	E3	R	2.7	NA
ZINESTO	Z3101E	E3	R	3.1	NA
ZINESTO	Z3111E	E3	R	3.1	NA

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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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

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S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

### Soybeans Technologies\*

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E3	Enlist™ E3
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

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## Soybeans Seed Treatments\*\*

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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

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