

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

2020 Soybeans Top 30 Harvest Report

Illinois North [ILNO] GRAND RIDGE, IL

Walter Family Farms, Darren Walter, LaSalle County, IL
61325

All-Season Test	2.4 - 3.3 Day CRM S2020ILNO09
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Verdict, 41% Glyphos, Callisto
SOIL DESCRIPTION:	Drummer/Plano silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 6.7 pH, 5.3% OM, 21.0 CEC
TILLAGE/CULTIVATION:	Conventional W/ Fall Till
PEST MANAGEMENT:	Roundup, Flexstar
Applied N-P-K (units):	0-0-60
SEEDED - RATE - ROW:	May 11 170.0 /A 15" spacing
HARVESTED - STAND:	Oct 6 160.2 /A

TEST COMMENTS:

Plants had good vegetative growth at this location which added to some of the lodging noted. Lack of moisture later in the season really restricted the amount of pod fill on the top portion of the plants. Seed size in general was smaller than average. Ralph thought that the field average was close to 56 bu/ac. I did not see much disease in the plot area.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P27A17X §	RRX	2.7	R	66.5	10.6	16	178.3	598	1
NK BRAND	S31-Y2X	RRX	3.1	R	65.9	10.4	6	139.3	593	2
ZINESTO	Z3101E	E3	3.1	R	65.2	11.0	14	142.0	587	3
NUTECH	30N03E	E3	3.0	R	64.3	10.6	11	192.0	579	4
STONE	2RX3120	RRX	3.1	R	63.7	11.3	14	170.0	573	5
APEX	AE3110	E3	3.1	R	63.0	10.7	11	150.7	567	6
RENK	RS301NX	RRX	3.1	R	62.2	10.7	11	145.0	560	7
GOLDEN HARVEST	GH3380E3	E3	3.3	NA	62.2	11.0	11	150.7	560	8
ZINESTO	Z3111E	E3	3.1	R	61.9	10.8	19	195.0	557	9
ASGROW	AG26X8 GC	RRX	2.6	R	61.9	10.8	7	164.3	557	10
HEFTY	H25X0	RRX	2.5	R	61.9	10.8	12	156.3	557	11
GOLDEN HARVEST	GH2788X	RRX	2.7	R	61.9	10.7	7	173.0	557	12
ASGROW	AG33X0 §	RRX	3.3	R	61.9	10.9	14	167.3	557	13
DYNA-GRO	S32EN01	E3	3.2	R	61.8	10.9	14	153.3	556	14
NUTECH	24N02E	E3	2.4	R	61.6	10.9	9	172.7	554	15
NUTECH	31N06E	E3	3.1	R	61.1	10.5	29	181.0	550	16
HEFTY	H33X0	RRX	3.3	R	61.0	10.5	4	175.7	549	17
GOLDEN HARVEST	GH2818E3	E3	2.8	MR	60.9	11.0	14	172.7	548	18
ZINESTO	Z2401E	E3	2.4	R	60.7	11.1	20	167.0	546	19
NUTECH	26N04E	E3	2.6	R	60.5	10.9	14	150.7	544	20
STINE	27EC20 §	E3	2.7	R	60.4	10.7	15	187.0	544	21
GOLDEN HARVEST	GH3152E3S §	E3,ST	3.1	MR	60.3	10.8	16	139.7	543	22
DONMARIO	DM 34X16	RRX	3.4	R	60.2	11.1	10	145.0	542	23
ASGROW	AG26X0 §	RRX	2.6	R	59.8	10.5	7	170.0	538	24
STINE	26EB23 §	E3	2.6	R	59.7	10.5	11	147.7	537	25
GENESIS	G2840E	E3	2.8	R	59.6	10.9	11	156.0	536	26
NK BRAND	S33-2E3	E3	3.3	NA	59.3	11.2	19	148.0	534	27
GENESIS	G2550E	E3	2.5	R	59.3	11.0	13	142.0	534	28
DYNA-GRO	S28XT58	RRX	2.8	R	59.3	10.6	6	164.7	534	29
NUTECH	28N02E	E3	2.8	R	59.1	10.5	6	181.3	532	30

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Averages = **59.0** **10.8** **12** **160.2** **531**

LSD (0.10) = 2.5 ns 6

LSD (0.25) = 1.3 ns 3

C.V. = 4.0

Historic yield: 65.0 bu/a, 19 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$9.00

Report Date: 10/06/2020

† 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 [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

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.