

Test by: F.I.R.S.T. CCB, Inc. Elizabeth, IL

## 2020 Soybeans Top 30 Harvest Report

Iowa South [IASO] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

<b>All-Season Test</b>	2.5 - 3.6 Day CRM S2020IASO51
<b>Top 30 of 84</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Clarity, Round Up Power Max, Acuron, Force
<b>SOIL DESCRIPTION:</b>	Marshall silty clay loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	medium P, very high K, 6.7 pH, 3.5% OM, 16.9 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Warrent, Fomesafen, Fuslade, Asana XI, Round Up Power Max
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 6 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 15 151.9 /A

### TEST COMMENTS:

Planting conditions were very good at this location, with no-till into corn stubble. The soil held moisture and allowed plants to germinate well with rows full of plants. Drought conditions set in in the area and could be seen as the seed sizes varied through each plot. Plants stood 30 to 45 inches high. Mark stated that the location of the plot was fortunate to catch small showers in August that allowed yields to be fair while other locations nearby were lower.

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	<b>71.4</b>	8.9	1	152.0	634	1
GOLDEN HARVEST	GH3152E3S §	E3,ST	3.1	MR	<b>70.9</b>	8.2	2	152.0	630	2
FS HISOY	HS 34E80	E3	3.4	R	<b>70.4</b>	8.1	1	152.0	625	3
KRUGER	K2X-2673	RRX	2.6	R	<b>70.0</b>	8.9	1	152.0	622	4
FS HISOY	HS 30X00	RRX	3.0	R	<b>69.4</b>	8.3	1	152.0	616	5
NK BRAND	S27-M8X §	RRX	2.7	R	<b>68.6</b>	8.0	1	152.0	609	6
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	<b>68.5</b>	8.6	1	152.0	608	7
TITAN PRO	33E0	E3	3.3	R	<b>68.4</b>	8.1	1	152.0	607	8
RENK	RS280NX	RRX	2.8	R	<b>68.1</b>	8.1	1	152.0	605	9
PIONEER	P33A53X GC	RRX	3.3	R	<b>67.8</b>	9.4	1	152.0	602	10
GOLDEN HARVEST	GH3582E3	E3	3.5	R	<b>67.0</b>	8.3	1	149.3	595	11
CREDENZ	CZ 3480GTLL	LLGT27	3.4	R	<b>66.9</b>	8.1	1	152.0	594	12
APEX	AE2800	E3	2.8	R	<b>66.2</b>	7.8	1	152.0	588	13
FS HISOY	HS 34X60	RRX	3.4	R	<b>65.9</b>	8.4	1	152.0	585	14
GENESIS	G2840E	E3	2.8	R	<b>65.7</b>	8.2	1	152.0	583	15
RENK	RS301NX	RRX	3.1	R	65.2	8.2	1	152.0	579	16
CORNELIUS	CB36X22	RRX	3.6	R	65.2	9.1	1	152.0	579	17
NUTECH	35N03E	E3	3.5	R	64.7	8.2	1	152.0	575	18
GENESIS	G2550E	E3	2.5	R	64.7	8.8	1	152.0	575	19
CREDENZ	CZ 3099GTLL	LLGT27	3.0	R	64.7	8.1	1	152.0	575	20
ARMOR	A33-E39	E3	3.3	MR	64.7	8.2	1	152.0	575	21
HOEGEMEYER	2660 E	E3	2.6	R	64.5	9.0	1	152.0	573	22
APEX	AE3310	E3	3.3	R	64.4	8.2	1	152.0	572	23
TITAN PRO	37E9	E3	3.7	R	64.4	8.1	1	152.0	572	24
PIONEER	P35A33X GC	RRX	3.5	R	64.3	8.6	1	152.0	571	25
GENESIS	G3350E	E3	3.3	R	64.1	8.3	1	152.0	569	26
CREDENZ	CZ 2910GTLL	LLGT27	2.9	R	63.7	8.2	1	152.0	566	27
KRUGER	K2X-2971	RRX	2.9	R	63.7	8.2	1	152.0	566	28
FS HISOY	HS 32X90	RRX	3.2	R	63.7	8.9	1	152.0	566	29
PIONEER	P28A42X GC	RRX	2.8	NA	63.6	8.7	1	152.0	565	30



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Averages = **61.5**    **8.4**    **1**    **151.9**    **546**

LSD (0.10) = 4.2    ns    0

LSD (0.25) = 2.2    ns    0

C.V. = 6.5

Historic yield: 70.6 bu/a, 9 yr(s)

**Yield & Income Factors:**    Base Moisture = 13.0%    Shrink = 1.3    Drying = \$0.025    Prices: GMO = \$8.88

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 - Iowa South [ IASO ]

### All-Season Test Products (84 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2510	E3	R	2.5	CMBV,SA
APEX	AE2610	E3	R	2.6	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
ARMOR	A28-E89	E3	MR	2.8	W
ARMOR	A30-E39	E3	MR	3.0	W
ARMOR	A33-E39	E3	MR	3.3	W
ASGROW	AG26X0 §	RRX	R	2.6	NA
ASGROW	AG29X9 §	RRX	R	2.9	NA
ASGROW	AG33X0 §	RRX	R	3.3	NA
CORNELIUS	CB29X33 GC	RRX	R	2.9	PG+
CORNELIUS	CB33X17	RRX	R	3.3	PG+
CORNELIUS	CB36X22	RRX	R	3.6	PG+
CREDENZ	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
CREDENZ	CZ 2830GTLL	LLGT27	R	2.8	PV,IL,OB
CREDENZ	CZ 2910GTLL	LLGT27	R	2.9	PV,IL,OB
CREDENZ	CZ 3099GTLL	LLGT27	R	3.0	PV,IL,OB
CREDENZ	CZ 3309GTLL	LLGT27	R	3.3	PV,IL,OB
CREDENZ	CZ 3480GTLL	LLGT27	R	3.4	PV,IL,OB
CREDENZ	CZ 3519GTLL	LLGT27	MR	3.5	PV,IL,OB
CREDENZ	CZ 3660GTLL	LLGT27	R	3.6	PV,IL,OB
DONMARIO	DM 31X61	RRX	R	3.1	CMBV,SA
FS HISOY	HS 27X90	RRX	R	2.7	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
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	G3350E	E3	R	3.3	CMBV,SA
GENESIS	G3650E	E3	R	3.6	CMBV,SA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
GOLDEN HARVEST	GH3042E3	E3	R	3.0	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	GH3546X	RRX	R	3.5	CMBV,SA
GOLDEN HARVEST	GH3582E3	E3	R	3.5	CMBV,SA
HOEGEMEYER	2660 E	E3	R	2.6	Lum,Lu,IL
HOEGEMEYER	2970 E	E3	R	2.9	Lum,Lu,IL
HOEGEMEYER	3350 E	E3	R	3.3	Lum,Lu,IL
HOEGEMEYER	3521 SE	E3	R	3.5	Lum,Lu,IL
HOEGEMEYER	3591 E	E3	R	3.5	Lum,Lu,IL
KRUGER	K2X-2573 GC	RRX	R	2.5	ACi,IL
KRUGER	K2X-2673	RRX	R	2.6	ACi,IL
KRUGER	K2X-2971	RRX	R	2.9	ACi,IL
KRUGER	K2X-3384	RRX	R	3.3	ACi,IL
KRUGER	K2X-3552	RRX	R	3.5	ACi,IL
KRUGER	K2X-3662	RRX	R	3.6	ACi,IL
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	S35-E3	E3	R	3.5	CMBV,SA
NK BRAND	S37-2E3S	E3,ST	MR	3.7	CMBV,SA
NUTECH	26N04E	E3	R	2.6	Lum,G,IL
NUTECH	28N02E	E3	R	2.8	Lum,G,IL

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
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	2029E	E3	R	2.9	PG+
P3 GENETICS	2034E	E3	R	3.4	PG+
P3 GENETICS	2131E	E3	R	3.1	PG+
P3 GENETICS	2136E	E3	R	3.6	PG+
PIONEER	P25A04X GC	RRX	R	2.5	NA
PIONEER	P28A42X GC	RRX	NA	2.8	NA
PIONEER	P29A25X GC	RRX	R	2.9	NA
PIONEER	P33A53X GC	RRX	R	3.3	NA
PIONEER	P35A33X GC	RRX	R	3.5	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
STINE	26EB23 §	E3	R	2.6	NA
STINE	33EC02 §	E3	R	3.3	NA
TITAN PRO	28E8	E3	R	2.8	SA,A,R,G
TITAN PRO	30E9	E3	R	3.0	SA,A,R,G
TITAN PRO	33E0	E3	R	3.3	SA,A,R,G
TITAN PRO	37E9	E3	R	3.7	SA,A,R,G

## 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
LLGT27	LibertyLink® GT27®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

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## Soybeans Seed Treatments\*\*

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NA	Not Available
ACi,IL	Acceleron Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron Standard fungicide + insecticide, Saltro
CMBV,SA	Cruisermaxx, Vibrance, Saltro
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro
Lum,G,IL	Lumisena, Gaucho, ILeVO
Lum,Lu,IL	Lumigen, Lumisena™, ILeVO
PG+	Profit Guard +
PV,IL,OB	Poncho®/Votivo®, ILeVO, Obvius Plus
SA,A,R,G	Saltro, Allegiance FL, Redigo 480, Gaucho 600
W	Warden® CX

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