

Test by: North Iowa F.I.R.S.T., Inc. Sanborn, IA

2020 Soybeans Top 30 Harvest Report

Iowa North Central [IANC] IOWA FALLS, IA
Mike Aldinger, Hardin County, IA 50126

Early-Season Test	2.1 - 2.5 Day CRM S2020IANC03a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Surestart, Callisto Extra
SOIL DESCRIPTION:	Clarion loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.6 pH, 2.9% OM, 13.3 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Sonic, Flexstar, Abundit Edge, Outlook
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 8 144.0 /A 30" spacing
HARVESTED - STAND:	Oct 6 128.0 /A

TEST COMMENTS:

This plot is located on a piece of heavier Clarion loam that holds moisture pretty well. Favorable weather and early season showers in May and June brought well timed moisture that promoted flowering and pod set. This site recorded above average precipitation from 5/1 through 7/10, however, July and August turned very dry with the exception of a couple well timed rains that helped fill pods and increase seed size. Overall, this farm was 3.6" below the 30-yr average from 5/1 through 9/15.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GENESIS	G2190GL	LLGT27	2.1	R	73.0	11.3	0	127.0	690	1
GENESIS	G2150E	E3	2.1	R	72.3	9.9	0	127.3	683	2
ZINESTO	Z2401E	E3	2.4	R	71.2	9.6	0	125.7	673	3
CREDENZ	CZ 2550GTLL	LLGT27	2.5	MR	71.0	9.8	0	129.0	671	4
CORNELIUS	CB24X64	RRX	2.4	R	70.9	10.4	0	129.7	670	5
APEX	AE2510	E3	2.5	R	70.6	10.6	8	127.7	667	6
APEX	AE2110	E3	2.1	R	70.2	10.1	0	129.3	663	7
CREDENZ	CZ 2121GTLL	LLGT27	2.1	MR	69.7	10.4	0	128.0	659	8
CREDENZ	CZ 2360GTLL	LLGT27	2.3	MR	69.7	10.2	0	128.0	659	9
TITAN PRO	25E0	E3	2.5	R	69.2	9.8	0	126.7	654	11
P3 GENETICS	1924E	E3	2.4	R	69.1	9.8	0	130.0	653	12
RENK	RS248NX	RRX	2.4	R	69.0	10.7	0	127.3	652	13
GOLDEN HARVEST	GH2552X	RRX	2.5	MR	68.9	10.1	0	127.7	651	14
GOLDEN HARVEST	GH2230X	RRX	2.2	R	68.7	9.8	0	129.0	649	15
STINE	21EA32 §	E3	2.1	R	68.6	10.4	0	130.3	648	16
NK BRAND	S25-V8X	RRX	2.5	MR	68.5	9.7	0	130.7	647	17
NUTECH	22N02E	E3	2.2	R	67.9	10.2	0	128.3	642	18
ZINESTO	Z2101E	E3	2.1	R	67.9	10.6	0	127.7	642	19
ZINESTO	Z2501E	E3	2.5	R	67.7	9.9	0	128.7	640	20
NK BRAND	S23-G5X	RRX	2.3	MR	67.7	9.7	0	123.7	640	21
GENESIS	G2550E	E3	2.5	R	67.7	9.8	0	129.0	640	22
TITAN PRO	22E8	E3	2.2	R	67.5	10.4	0	128.0	638	23
GOLDEN HARVEST	GH2329X	RRX	2.3	MR	67.0	10.4	0	131.3	633	24
HOEGEMEYER	2245 E	E3	2.2	R	66.6	10.5	0	127.7	629	25
CREDENZ	CZ 2230GTLL	LLGT27	2.2	MR	65.7	9.6	0	129.7	621	26
KRUGER	K2X-2573	RRX	2.5	R	65.6	9.6	0	130.3	620	27
NK BRAND	S21-W8X §	RRX	2.1	R	65.5	9.8	0	128.3	619	28
RENK	RS250NX	RRX	2.5	R	65.3	10.3	0	126.0	617	29
NUTECH	24N04E	E3	2.4	R	65.1	11.1	0	127.3	615	30
FS HISOY	HS 22X00	RRX	2.2	R	64.5	10.1	0	128.7	610	31
CROPLAN	CP2400X CK	RRX	2.4	R	69.3	10.6	0	122.3	655	10

Corey Rozenboom

Corey Rozenboom

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Averages = **66.2** **10.1** **0** **128.0** **626**

LSD (0.10) = 3.7 ns ns

LSD (0.25) = 1.9 ns ns

C.V. = 5.3

Historic yield: 56.7 bu/a, 17 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$9.45

Report Date: 10/07/2020

† 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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Mike Aldinger, Hardin County, IA 50126

Full-Season Test	2.6 - 2.9 Day CRM S2020IANC03b
Top 30 of 42	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Surestart, Callisto Extra
SOIL DESCRIPTION:	Clarion loam, mod. well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 5.6 pH, 2.9% OM, 13.3 CEC
TILLAGE/CULTIVATION:	Conventional W/O Fall Till
PEST MANAGEMENT:	Sonic, Flexstar, Abundit Edge, Outlook
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 8 144.0 /A 30" spacing
HARVESTED - STAND:	Oct 6 125.7 /A

TEST COMMENTS:

This plot is located on a piece of heavier Clarion loam that holds moisture pretty well. Favorable weather and early season showers in May and June brought well timed moisture that promoted flowering and pod set. This site recorded above average precipitation from 5/1 through 7/10, however, July and August turned very dry with the exception of a couple well timed rains that helped fill pods and increase seed size. Overall, this farm was 3.6" below the 30-yr average from 5/1 through 9/15.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	E 2995 LLGT27	LLGT27	2.9	R	78.2	10.6	0	128.7	739	1
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	77.4	10.9	0	128.0	731	2
HOEGEMEYER	2660 E	E3	2.6	R	76.6	10.5	0	126.3	724	3
NUTECH	26N04E	E3	2.6	R	76.5	10.3	0	130.3	723	4
TITAN PRO	28E8	E3	2.8	R	76.3	10.7	0	123.0	721	5
KRUGER	K2X-2673	RRX	2.6	R	75.9	9.9	0	121.0	717	6
CREDENZ	CZ 2910GTLL	LLGT27	2.9	R	75.8	11.2	0	128.7	716	7
LATHAM	L 2638 E3	E3	2.6	R	75.4	10.3	0	128.0	713	8
LATHAM	L 2894 E3	E3	2.8	R	75.3	10.5	0	130.0	712	9
NK BRAND	S28-E3 §	E3	2.8	MR	74.1	10.5	0	130.0	700	10
HOEGEMEYER	2970 E	E3	2.9	R	73.9	11.7	0	126.0	698	11
KRUGER	K2X-2971	RRX	2.9	R	73.8	11.0	0	124.3	697	12
RENK	RS280NX	RRX	2.8	R	72.8	11.5	0	120.0	688	13
PIONEER	P28T14E §	E3	2.8	R	72.7	10.2	1	124.7	687	14
GOLDEN HARVEST	GH2788X §	RRX	2.7	R	72.4	10.2	0	127.3	684	15
ASGROW	AG26X8 §	RRX	2.6	R	72.2	10.3	0	125.3	682	16
NUTECH	28N02E	E3	2.8	R	71.7	11.0	0	121.3	678	17
STINE	27EC20 §	E3	2.7	R	71.0	10.6	0	130.3	671	18
P3 GENETICS	2126E	E3	2.6	R	71.0	10.3	0	129.3	671	19
FS HISOY	HS 28E90	E3	2.8	R	70.5	12.3	0	127.0	666	20
GENESIS	G2840E	E3	2.8	R	70.4	10.5	0	127.3	665	21
P3 GENETICS	1928E	E3	2.8	R	69.8	10.6	0	127.0	660	22
LATHAM	L 2682 R2X	RRX	2.6	R	69.6	10.0	0	129.7	658	23
ZINESTO	Z2900E	E3	2.9	R	69.0	11.7	0	126.3	652	25
GOLDEN HARVEST	GH2981X	RRX	2.9	R	69.0	11.8	0	124.3	652	26
PIONEER	P27A17X §	RRX	2.7	R	68.9	10.5	0	126.3	651	27
FS HISOY	HS 27X90	RRX	2.7	R	68.5	11.2	0	121.0	647	28
FS HISOY	HS 28X70	RRX	2.8	R	68.3	10.6	0	129.3	645	29
APEX	AE2800	E3	2.8	R	68.3	10.5	0	128.0	645	30
CORNELIUS	CB27X81	RRX	2.7	R	68.0	10.5	0	127.7	643	31
CROPLAN	CP2400X CK	RRX	2.4	R	69.3	10.6	0	126.3	655	24

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Averages = **70.3** **10.7** **1** **125.7** **665**

LSD (0.10) = 4.2 0.5 ns

LSD (0.25) = 2.2 0.3 ns

C.V. = 5.7

Historic yield: 56.7 bu/a, 17 yr(s)

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$9.45

Report Date: 10/07/2020

† 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 North Central [IANC]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2110	E3	R	2.1	CMBV,SA
APEX	AE2310	E3	R	2.3	CMBV,SA
APEX	AE2510	E3	R	2.5	CMBV,SA
CORNELIUS	CB24X64	RRX	R	2.4	PG+
CREDENZ	CZ 2121GTLL	LLGT27	MR	2.1	PV,IL,OB
CREDENZ	CZ 2230GTLL	LLGT27	MR	2.2	PV,IL,OB
CREDENZ	CZ 2360GTLL	LLGT27	MR	2.3	PV,IL,OB
CREDENZ	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
CROPLAN	CP2400X CK	RRX	R	2.4	Untreated
FS HISOY	HS 21X90	RRX	R	2.1	ACi,SA,B-200
FS HISOY	HS 22X00	RRX	R	2.2	ACi,SA
FS HISOY	HS 23X70	RRX	R	2.3	ACi,SA,B-200
FS HISOY	HS 24X80	RRX	R	2.4	ACi,SA,B-200
GENESIS	G2150E	E3	R	2.1	CMBV,SA
GENESIS	G2190GL	LLGT27	R	2.1	EcTC,SA
GENESIS	G2350E	E3	R	2.3	EcTC,SA
GENESIS	G2550E	E3	R	2.5	CMBV,SA
GOLDEN HARVEST	GH2230X	RRX	R	2.2	CMBV,SA
GOLDEN HARVEST	GH2329X	RRX	MR	2.3	CMBV,SA
GOLDEN HARVEST	GH2552X	RRX	MR	2.5	CMBV,SA
HEFTY	H23X0	RRX	R	2.3	HCS
HEFTY	H23X9	RRX	MR	2.3	HCS
HEFTY	H25X0	RRX	R	2.5	HCS
HOEGEMEYER	2245 E	E3	R	2.2	Lum,Lu,IL
KRUGER	K2X-2573	RRX	R	2.5	ACi,IL
LATHAM	L 2184 R2X	RRX	R	2.1	SS+
LATHAM	L 2228 R2	RR2Y	R	2.2	SS+
LATHAM	L 2379 E3	E3	R	2.3	SS+
LATHAM	L 2549 R2X	RRX	R	2.5	SS+
NK BRAND	S21-W8X §	RRX	R	2.1	CMBV,SA
NK BRAND	S23-G5X	RRX	MR	2.3	CMBV,SA
NK BRAND	S25-V8X	RRX	MR	2.5	CMBV,SA
NUTECH	22N02E	E3	R	2.2	Lum,G,IL
NUTECH	24N02E	E3	R	2.4	Lum,G,IL
NUTECH	24N04E	E3	R	2.4	Lum,G,IL
P3 GENETICS	1924E	E3	R	2.4	PG+

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
P3 GENETICS	2023E	E3	R	2.3	PG+
PIONEER	P25A04X §	RRX	R	2.5	Lum
RENK	RS248NX	RRX	R	2.4	EcTC,SA
RENK	RS250NX	RRX	R	2.5	EcTC,SA
STINE	21EA32 §	E3	R	2.1	VFI,SA
STINE	23EA32 §	E3	R	2.3	VFI,SA
TITAN PRO	21E0	E3	R	2.1	SA,A,R,G
TITAN PRO	22E8	E3	R	2.2	SA,A,R,G
TITAN PRO	25E0	E3	R	2.5	SA,A,R,G
ZINESTO	Z2101E	E3	R	2.1	DST
ZINESTO	Z2401E	E3	R	2.4	DST
ZINESTO	Z2501E	E3	R	2.5	DST

2020 Soybeans - Iowa North Central [IANC]

Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2610	E3	R	2.6	CMBV,SA
APEX	AE2800	E3	R	2.8	CMBV,SA
ASGROW	AG26X0 §	RRX	R	2.6	ACi,IL
ASGROW	AG26X8 §	RRX	R	2.6	ACi
ASGROW	AG27X0 GC	RRX	R	2.7	ACi,IL
ASGROW	AG29X9 §	RRX	R	2.9	ACi,IL
CHANNEL	2820R2X GC	RRX	NA	2.8	ACi,IL
CORNELIUS	CB26X78	RRX	R	2.6	PG+
CORNELIUS	CB27X81	RRX	R	2.7	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
CROPLAN	CP2400X CK	RRX	R	2.4	Untreated
FS HISOY	HS 27X90	RRX	R	2.7	ACi,SA,B-200
FS HISOY	HS 28E90	E3	R	2.8	ACi,SA,B-200
FS HISOY	HS 28X70	RRX	R	2.8	ACi,SA,B-200
GENESIS	G2840E	E3	R	2.8	CMBV,SA
GOLDEN HARVEST	GH2788X §	RRX	R	2.7	CMBV,SA
GOLDEN HARVEST	GH2981X	RRX	R	2.9	CMBV,SA
HEFTY	H28X8	RRX	R	2.8	Untreated
HEFTY	H29X8	RRX	MR	2.9	HCS
HOEGEMEYER	2660 E	E3	R	2.6	Lum,Lu,IL
HOEGEMEYER	2970 E	E3	R	2.9	Lum,Lu,IL
KRUGER	K2X-2673	RRX	R	2.6	ACi,IL
KRUGER	K2X-2971	RRX	R	2.9	ACi,IL
LATHAM	E 2995 LLGT27	LLGT27	R	2.9	SS+
LATHAM	L 2638 E3	E3	R	2.6	SS+
LATHAM	L 2682 R2X	RRX	R	2.6	SS+
LATHAM	L 2894 E3	E3	R	2.8	SS+
NK BRAND	S27-M8X	RRX	R	2.7	CMBV,SA
NK BRAND	S28-E3 §	E3	MR	2.8	CMBV,SA
NUTECH	26N04E	E3	R	2.6	Lum,G,IL
NUTECH	28N02E	E3	R	2.8	Lum,G,IL
P3 GENETICS	1928E	E3	R	2.8	PG+
P3 GENETICS	2126E	E3	R	2.6	PG+
PIONEER	P27A17X §	RRX	R	2.7	Untreated

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
PIONEER	P28T14E §	E3	R	2.8	Untreated
RENK	RS280NX	RRX	R	2.8	EcTC,SA
STINE	27EC20 §	E3	R	2.7	VFI,SA
TITAN PRO	28E8	E3	R	2.8	SA,A,R,G
ZINESTO	Z2701E	E3	R	2.7	DST
ZINESTO	Z2900E	E3	R	2.9	DST

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
LLGT27	LibertyLink® GT27®
RR2Y	Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®

Soybeans Seed Treatments**

NA	Not Available
ACi	Acceleron® Standard Insecticide-Fungicide
ACi,IL	Acceleron Standard Insecticide-Fungicide, ILeVO
ACi,SA	Acceleron Standard fungicide + insecticide, Saltro
ACi,SA,B-200	Acceleron Standard fungicide + insecticide, Saltro, Acceleron B-200 SAT (Dry Seed Finisher)
CMBV,SA	Cruisermaxx, Vibrance, Saltro
DST	Dominance 2 ST
EcTC,SA	Eclipse US Total Coverage Trio IM, N-Force, Saltro
HCS	Hefty Complete Soybeans
Lum	Lumigen™
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
SS+	SoyShield Plus
Untreated	No seed treatment
VFI,SA	Virile Fungicide+Insecticide, Saltro (BCS Consulting)

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