

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

## 2020 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] NEVADA, IA

Shane, Spencer, Norman Harrison, Story County, IA 50201

**Early-Season Test** 2.3 - 2.7 Day CRM  
S2020IASC42a

**Top 30 of 42** For Gross Income  
(Sorted by Yield)  
Average of (3) Replications

**PREV. CROP/HERB:** Corn / Sure Start,  
Atrazine, Laudis, Glyphosate,  
Quilt Excel

**SOIL DESCRIPTION:** Webster, Nicollet clay loam, well  
drained, non-irrigated

**SOIL CONDITION:** high P, medium K, 7.7 pH, 3.3%  
OM, 22.9 CEC

**TILLAGE/CULTIVATION:** Minimum W/ Fall Till

**PEST MANAGEMENT:** Zidua Pro, Fomesofen,  
Clethodim, Dual, Impulse

**Applied N-P-K (units):** 0-0-0

**SEEDED - RATE - ROW:** May 2 160.0 /A 15" spacing

**HARVESTED - STAND:** Oct 11 149.9 /A

### TEST COMMENTS:

*This location was planted with good soil conditions and emerged well. Plants stood 30 to 40 inches tall with good pod sets. Drought stress held yields in the area down from average. Plants were mature with no lodging issues which made harvest easy. There was very little pod shatter. It was a uniform looking plot, in very dry conditions.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
P3 GENETICS	2126E	E3	2.6	R	<b>53.3</b>	6.8	1	152.0	448	1
LATHAM	L 2379 E3	E3	2.3	R	<b>52.0</b>	7.1	1	152.0	437	2
GOLDEN HARVEST	GH2552X	RRX	2.5	MR	<b>51.5</b>	6.4	1	152.0	433	3
LATHAM	L 2638 E3	E3	2.6	R	<b>50.0</b>	7.0	1	152.0	420	4
TITAN PRO	25E0	E3	2.5	R	<b>49.7</b>	6.9	1	152.0	418	5
ARMOR	A26-E89	E3	2.6	MR	49.6	7.0	1	152.0	417	6
APEX	AE2610	E3	2.6	R	48.2	7.0	1	152.0	405	7
APEX	AE2510	E3	2.5	R	48.1	6.5	1	152.0	405	8
FS HISOY	HS 27X90	RRX	2.7	R	47.9	6.7	1	152.0	403	9
FS HISOY	HS 23X70	RRX	2.3	R	47.5	6.7	1	149.3	399	10
HOEGEMEYER	2660 E	E3	2.6	R	47.2	6.7	1	152.0	397	11
GOLDEN HARVEST	GH2329X	RRX	2.3	MR	47.1	6.7	1	149.3	396	12
CORNELIUS	CB27X81	RRX	2.7	R	47.0	6.7	1	149.3	395	13
NUTECH	24N04E	E3	2.4	R	46.9	6.7	1	152.0	394	14
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	46.6	6.7	1	152.0	392	15
ARMOR	A23-E89	E3	2.3	MR	46.5	7.0	1	149.3	391	16
NUTECH	24N02E	E3	2.4	R	46.4	6.9	1	146.7	390	17
LATHAM	L 2682 R2X	RRX	2.6	R	46.3	6.8	1	152.0	389	18
GOLDEN HARVEST	GH2788X §	RRX	2.7	R	46.1	7.2	1	152.0	387	19
ASGROW	AG27X0 §	RRX	2.7	R	46.0	6.5	1	149.3	387	20
GOLDEN HARVEST	GH2230X	RRX	2.2	R	45.5	6.8	1	152.0	383	21
NUTECH	26N04E	E3	2.6	R	45.1	6.7	1	152.0	379	22
FS HISOY	HS 25E00	E3	2.5	R	44.6	6.6	1	149.3	375	23
NK BRAND	S23-G5X	RRX	2.3	MR	44.4	6.7	1	149.3	373	24
APEX	AE2310	E3	2.3	R	43.7	7.1	1	152.0	368	25
GENESIS	G2550E	E3	2.5	R	43.6	6.5	1	152.0	367	26
ASGROW	AG26X8 §	RRX	2.6	R	43.4	7.0	1	152.0	365	27
ASGROW	AG26X0 §	RRX	2.6	R	43.4	7.1	1	149.3	365	28
LATHAM	L 2578 LLGT27	LLGT27	2.5	R	43.3	6.7	1	152.0	364	29
CHANNEL	2519R2X GC	RRX	2.5	S	42.3	6.5	1	152.0	356	30
PIONEER	P28A42X CK	RRX	2.8	NA	40.4	6.8	1	152.0	340	37

Averages = **44.6** **6.8** **1** **149.9** **375**

LSD (0.10) = 5.1 0.2 ns

LSD (0.25) = 2.7 0.1 ns



Randy Meinsma

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C.V. = 10.8

Historic yield: 37.4 bu/a, 1 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$8.41

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Shane, Spencer, Norman Harrison, Story County, IA 50201

<b>Full-Season Test</b>	2.8 - 3.2 Day CRM S2020IASC42b
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Sure Start, Atrazine, Laudis, Glyphosate, Quilt Excel
<b>SOIL DESCRIPTION:</b>	Webster, Nicollet clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	high P, medium K, 7.7 pH, 3.3% OM, 22.9 CEC
<b>TILLAGE/CULTIVATION:</b>	Minimum W/ Fall Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Fomesofen, Clethodim, Dual, Impulse
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	May 2 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 11 151.4 /A

### TEST COMMENTS:

*This location was planted with good soil conditions and emerged well. Plants stood 30 to 40 inches tall with good pod sets. Drought stress held yields in the area down from average. Plants were mature with no lodging issues which made harvest easy. There was very little pod shatter. It was a uniform looking plot, in very dry conditions.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GOLDEN HARVEST	GH3152E3S	E3,ST	3.1	MR	<b>63.0</b>	7.6	1	152.0	530	1
NK BRAND	S31-E3S	E3,ST	3.1	MR	<b>61.8</b>	7.6	1	152.0	520	2
FS HISOY	HS 32E00	E3	3.2	R	<b>61.4</b>	7.7	1	152.0	516	3
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	<b>59.6</b>	6.9	1	152.0	501	4
GENESIS	G3040E	E3	3.0	R	<b>59.0</b>	7.3	1	152.0	496	5
NK BRAND	S28-E3	E3	2.8	MR	<b>58.0</b>	7.0	1	152.0	488	6
GOLDEN HARVEST	GH3042E3	E3	3.0	R	<b>57.5</b>	7.5	1	152.0	484	7
APEX	AE3110	E3	3.1	R	57.2	7.2	1	152.0	481	8
TITAN PRO	30E9	E3	3.0	R	56.2	7.3	1	152.0	473	9
FS HISOY	HS 30X00	RRX	3.0	R	56.0	7.2	1	152.0	471	10
P3 GENETICS	2029E	E3	2.9	R	55.3	7.5	1	152.0	465	11
TITAN PRO	28E8	E3	2.8	R	55.2	7.1	1	152.0	464	12
GOLDEN HARVEST	GH2818E3	E3	2.8	MR	54.9	7.0	1	152.0	462	13
LATHAM	L 2894 E3	E3	2.8	R	54.6	7.0	1	152.0	459	14
ARMOR	A28-E89	E3	2.8	MR	54.2	6.8	1	152.0	456	15
RENK	RS301NX	RRX	3.1	R	54.1	7.0	1	152.0	455	16
GENESIS	G2840E	E3	2.8	R	53.8	6.8	1	152.0	452	17
GOLDEN HARVEST	GH3088X §	RRX	3.0	R	53.8	7.4	1	152.0	452	18
HOEGEMEYER	2970 E	E3	2.9	R	53.6	7.3	1	152.0	451	19
CREDENZ	CZ 3099GTLL	LLGT27	3.0	R	53.3	7.4	1	152.0	448	20
PIONEER	P29A25X GC	RRX	2.9	R	53.0	7.4	1	149.3	446	21
ARMOR	A30-E39	E3	3.0	MR	52.9	7.5	1	152.0	445	22
CORNELIUS	CB29X33	RRX	2.9	R	52.6	6.9	1	152.0	442	23
HOEGEMEYER	3030 E	E3	3.0	R	52.1	7.0	1	152.0	438	24
NUTECH	30N03E	E3	3.0	R	51.7	7.3	1	152.0	435	25
NUTECH	31N06E	E3	3.1	R	51.6	7.3	1	149.3	434	26
APEX	AE3001	E3	3.0	R	51.6	7.4	1	152.0	434	27
APEX	AE2800	E3	2.8	R	51.3	7.1	1	152.0	431	28
PIONEER	P33A53X GC	RRX	3.3	R	51.0	6.8	1	149.3	429	29
CHANNEL	2820R2X GC	RRX	2.8	NA	49.7	6.5	1	152.0	418	30
PIONEER	P28A42X CK	RRX	2.8	NA	47.5	7.0	1	149.3	399	38



Randy Meinsma

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Averages = **52.7** **7.1** **1** **151.4** **443**

LSD (0.10) = 4.6 0.2 ns

LSD (0.25) = 2.4 0.1 ns

C.V. = 8.3

Historic yield: 37.4 bu/a, 1 yr(s)

**Yield & Income Factors:** Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$8.41

## 2020 Soybeans - Iowa South Central [ IASC ]

### Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2310	E3	R	2.3	CMBV,SA
APEX	AE2510	E3	R	2.5	CMBV,SA
APEX	AE2610	E3	R	2.6	CMBV,SA
ARMOR	A23-E89	E3	MR	2.3	W
ARMOR	A26-E89	E3	MR	2.6	W
ASGROW	AG26X0 §	RRX	R	2.6	NA
ASGROW	AG26X8 §	RRX	R	2.6	NA
ASGROW	AG27X0 §	RRX	R	2.7	NA
CHANNEL	2519R2X GC	RRX	S	2.5	NA
CORNELIUS	CB27X81	RRX	R	2.7	PG+
CREDENZ	CZ 2360GTLL	LLGT27	MR	2.3	PV,IL,OB
CREDENZ	CZ 2550GTLL	LLGT27	MR	2.5	PV,IL,OB
CREDENZ	CZ 2760GTLL	LLGT27	R	2.7	PV,IL,OB
FS HISOY	HS 23X70	RRX	R	2.3	ACi,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
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
GOLDEN HARVEST	GH2788X §	RRX	R	2.7	CMBV,SA
HOEGEMEYER	2660 E	E3	R	2.6	Lum,Lu,IL
KRUGER	K2X-2573	RRX	R	2.5	ACi,IL
KRUGER	K2X-2673	RRX	R	2.6	ACi,IL
LATHAM	L 2379 E3	E3	R	2.3	SS+
LATHAM	L 2578 LLGT27	LLGT27	R	2.5	SS+
LATHAM	L 2638 E3	E3	R	2.6	SS+
LATHAM	L 2682 R2X	RRX	R	2.6	SS+
NK BRAND	S23-G5X	RRX	MR	2.3	CMBV,SA
NK BRAND	S27-M8X §	RRX	R	2.7	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
P3 GENETICS	2126E	E3	R	2.6	PG+
PIONEER	P25A04X GC	RRX	R	2.5	NA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
PIONEER	P28A42X CK	RRX	NA	2.8	NA
RENK	RS248NX	RRX	R	2.4	EcTC,SA
RENK	RS250NX	RRX	R	2.5	EcTC,SA
STINE	24EA12 §	E3	R	2.4	NA
STINE	26EB23 §	E3	R	2.6	NA
TITAN PRO	25E0	E3	R	2.5	SA,A,R,G

## 2020 Soybeans - Iowa South Central [ IASC ]

### Full-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	SCN	RM	Seed Treat.
APEX	AE2800	E3	R	2.8	CMBV,SA
APEX	AE3001	E3	R	3.0	CMBV,SA
APEX	AE3110	E3	R	3.1	CMBV,SA
ARMOR	A28-E89	E3	MR	2.8	W
ARMOR	A30-E39	E3	MR	3.0	W
CHANNEL	2820R2X GC	RRX	NA	2.8	NA
CORNELIUS	CB29X33	RRX	R	2.9	PG+
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
DONMARIO	DM 31X61	RRX	R	3.1	CMBV,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	G2840E	E3	R	2.8	CMBV,SA
GENESIS	G3040E	E3	R	3.0	CMBV,SA
GOLDEN HARVEST	GH2818E3	E3	MR	2.8	CMBV,SA
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
HOEGEMEYER	2970 E	E3	R	2.9	Lum,Lu,IL
HOEGEMEYER	3030 E	E3	R	3.0	Lum,Lu,IL
KRUGER	K2X-2971	RRX	R	2.9	ACi,IL
LATHAM	E 3148 LLGT27	LLGT27	R	3.1	SS+
LATHAM	L 2887 R2X	RRX	R	2.8	SS+
LATHAM	L 2894 E3	E3	R	2.8	SS+
LATHAM	L 3197 R2X	RRX	R	3.1	SS+
NK BRAND	S28-E3	E3	MR	2.8	CMBV,SA
NK BRAND	S31-E3S	E3,ST	MR	3.1	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
P3 GENETICS	2029E	E3	R	2.9	PG+
PIONEER	P28A42X CK	RRX	NA	2.8	NA
PIONEER	P29A25X GC	RRX	R	2.9	NA

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
PIONEER	P33A53X GC	RRX	R	3.3	NA
RENK	RS280NX	RRX	R	2.8	EcTC,SA
RENK	RS301NX	RRX	R	3.1	EcTC,SA
STINE	28EC32 §	E3	R	2.8	NA
TITAN PRO	28E8	E3	R	2.8	SA,A,R,G
TITAN PRO	30E9	E3	R	3.0	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
SS+	SoyShield Plus
W	Warden® CX

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