

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

## 2020 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] CENTRAL CITY, IA  
Jim Greif, Linn County, IA 52310

<b>Early-Season Test</b>	2.3 - 2.7 Day CRM S2020IASC41a
<b>Top 30 of 42</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Verdict, Armezon, Headline, Round Up, Force
<b>SOIL DESCRIPTION:</b>	Kenyon, Donnan loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	very high P, high K, 4.6 pH, 2.3% OM, 16.7 CEC
<b>TILLAGE/CULTIVATION:</b>	No-Till
<b>PEST MANAGEMENT:</b>	Zidua Pro, Marvel
<b>Applied N-P-K (units):</b>	0-0-0
<b>SEEDED - RATE - ROW:</b>	Apr 30 160.0 /A 15" spacing
<b>HARVESTED - STAND:</b>	Oct 17 151.3 /A

### TEST COMMENTS:

*This was a very nice uniform looking plot. Planting conditions were very good and the plot emerged very well. Plants stood 38 to 45 inches with very good pod sets, and seed size was also good. The plants were well matured with no weed pressure or lodging issues. Summer rains were scattered and caused yields to vary from field to field in the area. The plot was fortunate to catch the showers and have good yields. It finished close to 5 inches above average rainfall for the year.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
STINE	24EA12 §	E3	2.4	R	<b>73.0</b>	8.1	2	152.0	648	1
TITAN PRO	25E0	E3	2.5	R	<b>72.9</b>	8.4	1	152.0	647	2
NUTECH	24N02E	E3	2.4	R	<b>71.6</b>	8.2	1	152.0	636	3
GENESIS	G2550E	E3	2.5	R	<b>71.5</b>	8.3	2	152.0	635	4
APEX	AE2510	E3	2.5	R	<b>71.1</b>	8.2	1	152.0	631	5
CORNELIUS	CB27X81	RRX	2.7	R	<b>69.4</b>	8.2	1	152.0	616	6
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	68.6	8.2	1	152.0	609	7
LATHAM	L 2379 E3	E3	2.3	R	68.2	8.4	1	152.0	606	8
LATHAM	L 2638 E3	E3	2.6	R	67.5	8.3	1	152.0	599	9
NK BRAND	S23-G5X	RRX	2.3	MR	67.4	8.0	1	146.7	599	10
FS HISOY	HS 25E00	E3	2.5	R	67.4	8.2	1	152.0	599	11
APEX	AE2610	E3	2.6	R	67.1	8.3	1	152.0	596	12
GOLDEN HARVEST	GH2552X	RRX	2.5	MR	66.6	8.3	1	152.0	591	13
CHANNEL	2519R2X GC	RRX	2.5	S	66.4	8.0	1	152.0	590	14
PIONEER	P25A04X GC	RRX	2.5	R	66.3	8.3	1	152.0	589	15
ARMOR	A26-E89	E3	2.6	MR	66.2	8.4	1	152.0	588	16
ASGROW	AG26X0 §	RRX	2.6	R	65.9	8.1	1	152.0	585	17
NUTECH	26N04E	E3	2.6	R	65.8	8.2	1	152.0	584	18
STINE	26EB23 §	E3	2.6	R	65.5	8.4	1	152.0	582	19
NK BRAND	S27-M8X §	RRX	2.7	R	65.1	8.2	1	149.3	578	20
GOLDEN HARVEST	GH2329X	RRX	2.3	MR	65.0	8.3	1	146.7	577	21
CREDENZ	CZ 2360GTLL	LLGT27	2.3	MR	64.4	8.5	1	152.0	572	22
APEX	AE2310	E3	2.3	R	64.4	8.4	1	152.0	572	23
P3 GENETICS	2126E	E3	2.6	R	63.6	8.4	1	152.0	565	24
HOEGEMEYER	2660 E	E3	2.6	R	63.1	8.3	1	152.0	560	25
NUTECH	24N04E	E3	2.4	R	62.9	8.3	1	152.0	559	26
LATHAM	L 2578 LLGT27	LLGT27	2.5	R	62.6	8.3	1	152.0	556	27
GOLDEN HARVEST	GH2230X	RRX	2.2	R	62.5	8.1	1	149.3	555	28
FS HISOY	HS 24X80	RRX	2.4	R	62.2	8.1	1	152.0	552	30
FS HISOY	HS 27X90	RRX	2.7	R	62.0	8.0	1	149.3	551	31
PIONEER	P28A42X CK	RRX	2.8	NA	62.2	8.3	1	149.3	552	29
					Averages =	<b>64.5</b>	<b>8.3</b>	<b>1</b>	<b>151.3</b>	<b>572</b>
					LSD (0.10) =	4.5	0.2	ns		
					LSD (0.25) =	2.4	0.1	ns		
					C.V. =	6.6	Historic yield: 53.2 bu/a, 5 yr(s)			



Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

### Yield & Income Factors:

Base Moisture = 13.0%    Shrink = 1.3    Drying = \$0.025    Prices: GMO = \$8.88

Report Date: 10/18/2020

† 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

©2020, All rights reserved by Elite Field Genetics, LLC

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

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

## 2020 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] CENTRAL CITY, IA

Jim Greif, Linn County, IA 52310

**Full-Season Test** 2.8 - 3.2 Day CRM  
S2020IASC41b

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

**PREV. CROP/HERB:** Corn / Verdict, Armezon,  
Headline, Round Up, Force

**SOIL DESCRIPTION:** Kenyon, Donnan loam, well  
drained, non-irrigated

**SOIL CONDITION:** very high P, high K, 4.6 pH,  
2.3% OM, 16.7 CEC

**TILLAGE/CULTIVATION:** No-Till

**PEST MANAGEMENT:** Zidua Pro, Marvel

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

**SEEDED - RATE - ROW:** Apr 30 160.0 /A 15" spacing

**HARVESTED - STAND:** Oct 17 151.5 /A

### TEST COMMENTS:

*This was a very nice uniform looking plot. Planting conditions were very good and the plot emerged very well. Plants stood 38 to 45 inches with very good pod sets, and seed size was also good. The plants were well matured with no weed pressure or lodging issues. Summer rains were scattered and caused yields to vary from field to field in the area. The plot was fortunate to catch the showers and have good yields. It finished close to 5 inches above average rainfall for the year.*

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	L 2894 E3	E3	2.8	R	<b>71.1</b>	8.7	1	152.0	631	1
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	<b>67.4</b>	8.3	1	152.0	599	2
FS HISOY	HS 30X00	RRX	3.0	R	<b>66.7</b>	8.3	1	152.0	592	3
STINE	28EC32 §	E3	2.8	R	<b>65.3</b>	8.5	1	152.0	580	4
LATHAM	E 3148 LLGT27	LLGT27	3.1	R	<b>65.1</b>	8.8	1	149.3	578	5
TITAN PRO	28E8	E3	2.8	R	<b>64.5</b>	8.6	1	152.0	573	6
TITAN PRO	30E9	E3	3.0	R	63.6	8.6	1	152.0	565	7
ARMOR	A28-E89	E3	2.8	MR	63.5	8.4	1	152.0	564	8
GOLDEN HARVEST	GH3152E3S	E3,ST	3.1	MR	63.4	9.0	1	152.0	563	9
CHANNEL	2820R2X GC	RRX	2.8	NA	63.0	8.4	1	152.0	559	10
APEX	AE3001	E3	3.0	R	62.8	8.7	1	152.0	558	11
KRUGER	K2X-2971	RRX	2.9	R	62.6	8.3	1	152.0	556	12
ARMOR	A30-E39	E3	3.0	MR	62.4	8.8	1	152.0	554	13
NUTECH	28N02E	E3	2.8	R	62.3	8.5	1	152.0	553	14
HOEGEMEYER	3030 E	E3	3.0	R	62.3	8.6	1	152.0	553	15
GOLDEN HARVEST	GH3042E3	E3	3.0	R	62.0	8.5	1	152.0	551	17
GENESIS	G2840E	E3	2.8	R	62.0	8.5	1	152.0	551	18
NK BRAND	S31-E3S	E3,ST	3.1	MR	61.2	8.7	1	152.0	543	19
FS HISOY	HS 32E00	E3	3.2	R	61.1	8.7	2	152.0	543	20
CREDENZ	CZ 3099GTLL	LLGT27	3.0	R	61.0	8.5	1	152.0	542	21
DONMARIO	DM 31X61	RRX	3.1	R	60.9	8.6	2	152.0	541	22
NK BRAND	S28-E3	E3	2.8	MR	59.1	8.5	1	152.0	525	23
PIONEER	P33A53X GC	RRX	3.3	R	58.9	8.4	1	144.0	523	24
CREDENZ	CZ 2910GTLL	LLGT27	2.9	R	58.6	8.4	1	152.0	520	25
RENK	RS301NX	RRX	3.1	R	58.5	8.4	1	152.0	519	26
CORNELIUS	CB29X33	RRX	2.9	R	57.5	8.6	1	152.0	511	27
LATHAM	L 2887 R2X	RRX	2.8	R	57.1	8.3	1	149.3	507	28
P3 GENETICS	2029E	E3	2.9	R	57.0	8.5	1	152.0	506	29
FS HISOY	HS 28X70	RRX	2.8	R	56.7	8.2	1	152.0	503	30
LATHAM	L 3197 R2X	RRX	3.1	R	56.4	8.4	1	149.3	501	31
PIONEER	P28A42X CK	RRX	2.8	NA	62.2	8.4	1	152.0	552	16



Randy Meinsma

randym@firstseedtests.com, (815) 238-8007

Averages = **59.7** **8.5** **1** **151.5** **530**

LSD (0.10) = 5.2 0.2 ns

LSD (0.25) = 2.7 0.1 ns

C.V. = 8.3

Historic yield: 53.2 bu/a, 5 yr(s)

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

Report Date: 10/18/2020

† 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

©2020, All rights reserved by Elite Field Genetics, LLC

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

## 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

---

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®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea tolerant

---

## Soybeans Seed Treatments\*\*

---

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

---

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