

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

2020 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] VICTOR, IA
Dan DeRycke, Poweshiek County, IA 52347

Early-Season Test 2.3 - 2.7 Day CRM
S2020IASC43a

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

PREV. CROP/HERB: Corn / Acuron, Force

SOIL DESCRIPTION: Ackmore silt loam, mod. well drained,
non-irrigated

SOIL CONDITION: high P, medium K, 7.1 pH, 3.2% OM,
16.3 CEC

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

PEST MANAGEMENT: Powermax, Roundup, Flexstar, Outlook

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

**SEEDED - RATE -
ROW:** May 3 160.0 /A 15" spacing

**HARVESTED -
STAND:** Oct 10 150.5 /A

TEST COMMENTS:

Soil conditions were very good at planting. Plants grew tall, up to 45 inches. With the strong winds in August, the plot showed some lodging issues. Pod sets were very close and full of seeds with good seed size. Plants were well matured with dry stems, and there was some late-season weed pressure.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	S27-M8X §	RRX	2.7	R	81.7	10.8	12	152.0	687	1
STINE	26EB23 §	E3	2.6	R	80.3	11.3	19	152.0	675	2
APEX	AE2610	E3	2.6	R	80.0	10.1	38	152.0	673	3
P3 GENETICS	2126E	E3	2.6	R	79.5	11.2	50	152.0	669	4
ASGROW	AG26X8 §	RRX	2.6	R	79.0	10.7	38	149.3	664	5
GOLDEN HARVEST	GH2788X §	RRX	2.7	R	78.8	10.1	8	152.0	663	6
CREDENZ	CZ 2550GTLL	LLGT27	2.5	MR	78.5	10.2	33	149.3	660	7
KRUGER	K2X-2673	RRX	2.6	R	77.7	9.7	27	149.3	653	8
FS HISOY	HS 25E00	E3	2.5	R	77.3	9.9	30	152.0	650	10
NUTECH	26N04E	E3	2.6	R	76.6	9.7	38	152.0	644	11
STINE	24EA12 §	E3	2.4	R	75.8	9.9	33	152.0	637	12
CREDENZ	CZ 2760GTLL	LLGT27	2.7	R	75.2	10.6	38	146.7	632	13
APEX	AE2310	E3	2.3	R	74.7	10.5	50	152.0	628	14
NUTECH	24N02E	E3	2.4	R	74.4	10.5	19	152.0	626	15
LATHAM	L 2682 R2X	RRX	2.6	R	74.1	10.9	38	152.0	623	16
ARMOR	A23-E89	E3	2.3	MR	73.2	10.9	45	152.0	616	17
GOLDEN HARVEST	GH2552X	RRX	2.5	MR	72.5	10.0	42	152.0	610	18
RENK	RS250NX	RRX	2.5	R	72.4	8.6	26	152.0	609	19
CORNELIUS	CB27X81	RRX	2.7	R	72.0	10.8	34	144.0	606	20
FS HISOY	HS 24X80	RRX	2.4	R	71.9	10.0	30	152.0	605	21
CREDENZ	CZ 2360GTLL	LLGT27	2.3	MR	71.6	9.9	27	152.0	602	22
PIONEER	P25A04X GC	RRX	2.5	R	71.4	9.7	16	149.3	600	23
FS HISOY	HS 27X90	RRX	2.7	R	71.2	11.1	23	149.3	599	24
CHANNEL	2519R2X GC	RRX	2.5	S	71.2	10.9	43	152.0	599	25
GENESIS	G2550E	E3	2.5	R	71.0	11.9	34	152.0	597	26
TITAN PRO	25E0	E3	2.5	R	70.7	10.9	30	149.3	595	27
LATHAM	L 2379 E3	E3	2.3	R	70.3	10.7	43	152.0	591	28
ARMOR	A26-E89	E3	2.6	MR	70.1	10.2	38	149.3	590	29
ASGROW	AG27X0 §	RRX	2.7	R	70.0	10.3	23	149.3	589	30
LATHAM	L 2578 LLGT27	LLGT27	2.5	R	70.0	12.0	46	149.3	589	31
PIONEER	P28A42X CK	RRX	2.8	NA	77.6	10.5	25	149.3	653	9



Randy Meinsma

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Averages = **72.3** **10.6** **35** **150.5** **608**

LSD (0.10) = 5.1 ns 14

LSD (0.25) = 2.7 ns 7

C.V. = 6.7

Historic yield: 68.9 bu/a, 8 yr(s)

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$8.41

Report Date: 10/10/2020

Additional reports available at www.firstseedtests.com

† 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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S2020IASC43b

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

PREV. CROP/HERB: Corn / Acuron,Force

SOIL DESCRIPTION: Ackmore silt loam, mod. well drained,
non-irrigated

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16.3 CEC

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

PEST MANAGEMENT: Powermax, Roundup, Flexstar, Outlook

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

**SEEDED - RATE -
ROW:** May 3 160.0 /A 15" spacing

**HARVESTED -
STAND:** Oct 10 151.4 /A

TEST COMMENTS:

Soil conditions were very good at planting. Plants grew tall, up to 45 inches. With the strong winds in August, the plot showed some lodging issues. Pod sets were very close and full of seeds with good seed size. Plants were well matured with dry stems, and there was some late-season weed pressure.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	S31-E3S	E3,ST	3.1	MR	81.7	11.3	30	152.0	687	1
GENESIS	G2840E	E3	2.8	R	80.3	9.5	13	152.0	674	2
STINE	28EC32 §	E3	2.8	R	79.8	10.6	16	152.0	671	3
LATHAM	L 2894 E3	E3	2.8	R	79.8	9.3	41	149.3	671	4
P3 GENETICS	2029E	E3	2.9	R	79.7	9.8	11	152.0	670	5
FS HISOY	HS 30X00	RRX	3.0	R	79.7	12.7	27	152.0	670	6
GOLDEN HARVEST	GH2818E3	E3	2.8	MR	79.5	9.4	38	152.0	669	7
HOEGEMEYER	2970 E	E3	2.9	R	78.8	10.5	32	152.0	663	8
GOLDEN HARVEST	GH3042E3	E3	3.0	R	78.3	11.3	15	152.0	659	9
GOLDEN HARVEST	GH3152E3S	E3,ST	3.1	MR	78.0	12.9	16	152.0	656	10
PIONEER	P33A53X GC	RRX	3.3	R	77.7	16.4	19	152.0	647	15
TITAN PRO	30E9	E3	3.0	R	77.6	10.3	17	149.3	653	11
CREDENZ	CZ 3099GTLL	LLGT27	3.0	R	77.5	10.3	27	149.3	652	12
ARMOR	A30-E39	E3	3.0	MR	77.4	10.0	11	152.0	651	13
NK BRAND	S28-E3	E3	2.8	MR	76.7	10.1	28	152.0	645	16
GENESIS	G3040E	E3	3.0	R	76.7	9.9	17	152.0	645	17
CORNELIUS	CB29X33	RRX	2.9	R	76.7	10.5	27	152.0	645	18
RENK	RS301NX	RRX	3.1	R	76.5	9.7	27	152.0	643	19
RENK	RS280NX	RRX	2.8	R	76.5	9.9	14	149.3	643	20
CREDENZ	CZ 2910GTLL	LLGT27	2.9	R	76.3	10.1	35	149.3	642	21
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	76.3	9.7	28	152.0	642	22
NUTECH	31N06E	E3	3.1	R	75.6	10.6	37	152.0	636	23
TITAN PRO	28E8	E3	2.8	R	75.1	10.5	30	152.0	632	24
KRUGER	K2X-2971	RRX	2.9	R	74.9	9.2	27	149.3	630	25
NUTECH	28N02E	E3	2.8	R	73.9	9.5	30	152.0	621	26
APEX	AE3001	E3	3.0	R	73.7	10.3	13	152.0	620	27
LATHAM	L 3197 R2X	RRX	3.1	R	73.4	10.2	30	152.0	617	28
APEX	AE3110	E3	3.1	R	73.4	11.1	16	152.0	617	29
NUTECH	30N03E	E3	3.0	R	73.0	9.8	14	152.0	614	30
CHANNEL	2820R2X GC	RRX	2.8	NA	72.6	9.4	14	152.0	611	31
PIONEER	P28A42X CK	RRX	2.8	NA	77.1	10.5	15	149.3	648	14
					Averages =	75.1	10.5	23	151.4	631
					LSD (0.10) =	4.0	1.4	12		
					LSD (0.25) =	2.1	0.8	6		
					C.V. =	5.0				
					Historic yield: 68.9 bu/a, 8 yr(s)					



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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$8.41

Report Date: 10/10/2020

† 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 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.