

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

2020 Soybeans Top 30 Harvest Report


Iowa South [IASO] WINTERSET, IA
Mike Erdman, Madison County, IA 50273

All-Season Test	2.5 - 3.6 Day CRM S2020IASO54
Top 30 of 84	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Biecp li Mag, Instigate, Glyphosate, Force
SOIL DESCRIPTION:	Sharpsburg silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	medium P, medium K, 6.1 pH, 4.1% OM, 21.7 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Zidua Pro, Glyphosate, Headline
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	May 7 160.0 /A 15" spacing
HARVESTED - STAND:	Oct 14 151.8 /A

TEST COMMENTS:

An outstanding looking plot. Planting conditions were good and emerged very well. Plants stood 40 to 45 inches tall with very close pod sets with full pods. Plants were mature at harvest with no lodging issues and no weed pressure. The area turned very dry in mid-August. The plot area held the remaining moisture to help fill the soybeans, which is reflected in the yields.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	35N03E	E3	3.5	R	84.5	9.1	1	152.0	750	1
FS HISOY	HS 34E80	E3	3.4	R	84.2	9.0	1	152.0	748	2
GOLDEN HARVEST	GH3152E3S §	E3,ST	3.1	MR	84.2	8.7	1	152.0	748	3
GENESIS	G2840E	E3	2.8	R	83.8	9.1	1	149.3	744	4
CREDENZ	CZ 3480GTLL	LLGT27	3.4	R	83.5	9.1	1	152.0	741	5
CREDENZ	CZ 3309GTLL	LLGT27	3.3	R	83.5	9.3	1	152.0	741	6
GENESIS	G3040E	E3	3.0	R	83.3	8.9	1	152.0	740	7
GOLDEN HARVEST	GH3042E3	E3	3.0	R	83.1	9.0	1	152.0	738	8
NUTECH	36N03E	E3	3.6	R	83.1	9.3	1	152.0	738	9
ARMOR	A28-E89	E3	2.8	MR	82.8	8.4	1	152.0	735	10
P3 GENETICS	2029E	E3	2.9	R	82.8	9.2	1	152.0	735	11
NUTECH	31N06E	E3	3.1	R	82.6	9.0	2	152.0	733	12
PIONEER	P28A42X GC	RRX	2.8	NA	82.4	8.1	1	152.0	732	13
APEX	AE3110	E3	3.1	R	82.4	9.2	1	152.0	732	14
NK BRAND	S30-M9X	RRX	3.0	R	82.2	8.6	1	152.0	730	15
P3 GENETICS	2131E	E3	3.1	R	82.0	8.8	1	152.0	728	16
STINE	26EB23 §	E3	2.6	R	81.8	8.8	1	152.0	726	17
APEX	AE3001	E3	3.0	R	81.8	8.8	1	152.0	726	18
NK BRAND	S30-E3	E3	3.0	R	81.6	8.7	1	152.0	725	19
CREDENZ	CZ 2910GTLL	LLGT27	2.9	R	81.4	8.7	1	152.0	723	20
CREDENZ	CZ 3660GTLL	LLGT27	3.6	R	81.3	9.0	1	152.0	722	21
GOLDEN HARVEST	GH3582E3	E3	3.5	R	81.2	9.1	1	152.0	721	22
CREDENZ	CZ 3519GTLL	LLGT27	3.5	MR	81.2	8.9	1	152.0	721	23
CREDENZ	CZ 3099GTLL	LLGT27	3.0	R	81.1	9.2	1	152.0	720	24
ARMOR	A30-E39	E3	3.0	MR	80.9	8.9	1	152.0	718	25
NK BRAND	S35-E3	E3	3.5	R	80.7	9.5	1	152.0	717	26
CREDENZ	CZ 2830GTLL	LLGT27	2.8	R	80.7	9.1	1	152.0	717	27
NK BRAND	S27-M8X §	RRX	2.7	R	80.6	9.1	1	152.0	716	28
TITAN PRO	30E9	E3	3.0	R	80.6	9.4	1	152.0	716	29
NUTECH	30N03E	E3	3.0	R	80.5	8.9	1	152.0	715	30

	Averages =	78.6	8.9	1	151.8	698
	LSD (0.10) =	3.7	0.4	1		
	LSD (0.25) =	1.9	0.2	0		
	C.V. =	4.4			Historic yield: 67.7 bu/a, 16 yr(s)	

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

Report Date: 10/14/2020

† 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
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

Company/Brand	Brand/Product	Technology	RM	SCN	Seed Treat.
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
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

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
W	Warden® CX

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