

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

2019 Soybeans Top 30 Harvest Report

Iowa South [IASO] WASHINGTON, IA
Tom Vittetoe, Washington County, IA 52353

All-Season Test	2.5 - 3.6 Day CRM S2019IASO53
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Force, Roundup, Harness Xtra, 2,4-D LV6, Callisto, atrazine, Quilt XL
SOIL DESCRIPTION:	Mahaska-Taintor silty clay loam, well drained, non-irrigated
SOIL CONDITION:	very high P, very high K, 7.0 pH, 4.5% OM, 20.5 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	Fierce Xt, 2-4-D, Round Up, Anthem Maxx, Clethodim
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 2 170.0 /A 15" spacing
HARVESTED - STAND:	Oct 24 168.4 /A

TEST COMMENTS:

This was our first soybean plot planted. Planting was delayed due to wet cool soil, and when planting started the seed bed was in very good shape. The site received approximately 12" of rain over average for the season. The plot is well tilled. Plants were well matured with no major diseases. Plant height was 22" - 41", pod sets were close together and had large seed size. There were no lodging issues, no heavy weed pressure, and harvest has been delayed due to the lack of dry down.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
CREDENZ	CZ 3519GTLL	LG27	3.5	MR	88.1	13.0	3	170.0	743	1
GOLDEN HARVEST	GH3324X	RRX	3.3	R	87.2	13.0	2	170.0	735	2
FS HISOY	HS 32X90	RRX	3.2	R	87.0	12.8	1	170.0	733	3
CHAMPION	27X90N	RRX	2.7	R	87.0	13.1	1	170.0	733	4
KRUGER	K2X-3662	RRX	3.6	R	87.0	12.8	1	170.0	733	5
GENESIS	G2840E	E3	2.7	R	86.7	13.4	1	170.0	730	6
NK BRAND	S33-D7X	RRX	3.3	R	86.6	12.9	1	170.0	730	7
KRUGER	K2X-3552	RRX	3.5	R	84.5	12.6	1	164.3	712	8
GOLDEN HARVEST	GH3475X	RRX	3.4	R	84.4	12.7	1	170.0	711	9
LATHAM	L 2578 LLGT27	LG27	2.5	R	83.9	13.2	1	170.0	707	10
GOLDEN HARVEST	GH3088X §	RRX	3.0	MR	83.2	12.9	1	170.0	701	11
GENESIS	G3140ES	E3	3.1	R	83.0	13.1	1	170.0	699	12
NK BRAND	S34-T2X	RRX	3.4	R	82.9	12.7	1	170.0	699	13
NK BRAND	S30-M9X	RRX	3.0	MR	82.9	12.8	1	170.0	699	14
LATHAM	L 2949 E3	E3	2.9	R	82.8	13.1	2	170.0	698	15
FS HISOY	HS 27X90	RRX	2.7	R	82.5	13.1	1	170.0	695	16
HOEGEMEYER	3166 NX	RRX	3.1	R	82.1	12.4	1	170.0	692	17
STINE	36EA02 §	E3	3.6	R	82.0	12.7	1	164.3	691	18
CHAMPION	32X40N	RRX	3.2	R	81.5	12.7	1	170.0	687	19
CHAMPION	2820GTLL	LG27	2.8	R	81.3	12.8	1	170.0	685	20
LATHAM	L 3179 LLGT27	LG27	3.1	R	81.2	12.9	1	170.0	685	21
RENK	RS280NX	RRX	2.8	R	81.0	12.8	1	170.0	683	22
ASGROW	AG36X6 §	RRX	3.6	R	80.8	13.1	1	164.3	681	23
CHAMPION	3220EN	E3	3.2	R	80.6	13.3	1	170.0	679	24
TITAN PRO	34E8	E3	3.4	R	80.4	12.9	3	170.0	678	25
HOEGEMEYER	3491 NX	RRX	3.4	R	80.3	12.4	1	170.0	677	26
KRUGER	K2X-3384	RRX	3.3	R	80.1	12.9	1	164.3	675	27
RENK	RS330NSX	RRX	3.3	R	79.9	12.6	1	170.0	674	28
CREDENZ	CZ 2579GTLL	LG27	2.5	MR	79.7	13.0	1	170.0	672	29
LATHAM	L 3394 R2X	RRX	3.3	R	79.5	12.7	1	164.3	670	30



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Averages =	77.9	12.9	1	168.4	656
LSD (0.10) =	3.0	0.4	1		
LSD (0.25) =	1.6	0.2	0		
C.V. =	3.7				

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$8.43

Report Date: 10/28/2019

Revised:11/08/2019 (DATA CHANGE: ALL report records revised due to a data sorting problem)

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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2019 Soybeans - Iowa South [IASO]

All-Season Test Products (72 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ASGROW	AG26X0 §	RRX	R	2.6
ASGROW	AG29X9 §	RRX	R	2.9
ASGROW	AG31X0 §	RRX	R	3.1
ASGROW	AG36X6 §	RRX	R	3.6
CHAMPION	27X90N	RRX	R	2.7
CHAMPION	2820GTLL	LG27	R	2.8
CHAMPION	3030EN	E3	R	3.0
CHAMPION	3220EN	E3	R	3.2
CHAMPION	32X40N	RRX	R	3.2
CHAMPION	3420GTLL	LG27	R	3.4
CHANNEL	3220R2X GC	RRX	R	3.2
CHANNEL	3318R2X GC	RRX	R	3.3
CREDENZ	CZ 2579GTLL	LG27	MR	2.5
CREDENZ	CZ 2830GTLL	LG27	R	2.8
CREDENZ	CZ 2889GTLL	LG27	MR	2.8
CREDENZ	CZ 3099GTLL	LG27	R	3.0
CREDENZ	CZ 3100GTLL	LG27	MR	3.1
CREDENZ	CZ 3309GTLL	LG27	R	3.3
CREDENZ	CZ 3519GTLL	LG27	MR	3.5
CREDENZ	CZ 3660GTLL	LG27	MR	3.6
FS HISOY	HS 27X90	RRX	R	2.7
FS HISOY	HS 28X70	RRX	R	2.8
FS HISOY	HS 29X80	RRX,ST	R	2.9
FS HISOY	HS 32X90	RRX	R	3.2
FS HISOY	HS 33X80	RRX	R	3.3
FS HISOY	HS 34X60	RRX	R	3.4
FS HISOY	HS 35X90	RRX	R	3.5
GENESIS	G2840E	E3	R	2.7
GENESIS	G3140ES	E3	R	3.1
GOLDEN HARVEST	GH2552X	RRX	MR	2.5
GOLDEN HARVEST	GH2788X §	RRX	R	2.7
GOLDEN HARVEST	GH3088X §	RRX	MR	3.0
GOLDEN HARVEST	GH3324X	RRX	R	3.3
GOLDEN HARVEST	GH3475X	RRX	R	3.4
GOLDEN HARVEST	GH3546X	RRX	R	3.5
HOEGEMEYER	2820 E	E3	R	2.8

Company/Brand	Brand/Product	Technology	RM	SCN
HOEGEMEYER	3030 E	E3	R	3.0
HOEGEMEYER	3120 E	E3	R	3.1
HOEGEMEYER	3166 NX	RRX	R	3.1
HOEGEMEYER	3491 NX	RRX	R	3.4
KRUGER	K2X-2673	RRX	R	2.6
KRUGER	K2X-2863	RRX	R	2.8
KRUGER	K2X-2971	RRX	R	2.9
KRUGER	K2X-3271	RRX	R	3.2
KRUGER	K2X-3353	RRX	R	3.3
KRUGER	K2X-3384	RRX	R	3.3
KRUGER	K2X-3552	RRX	R	3.5
KRUGER	K2X-3662	RRX	R	3.6
LATHAM	L 2578 LLGT27	LG27	R	2.5
LATHAM	L 2597 E3	E3	R	2.5
LATHAM	L 2839 LLGT27	LG27	R	2.8
LATHAM	L 2949 E3	E3	R	2.9
LATHAM	L 3179 LLGT27	LG27	R	3.1
LATHAM	L 3192 E3	E3	R	3.1
LATHAM	L 3382 LLGT27	LG27	R	3.3
LATHAM	L 3394 R2X	RRX	R	3.3
NK BRAND	S27-M8X §	RRX	R	2.7
NK BRAND	S30-M9X	RRX	MR	3.0
NK BRAND	S31-Y2X	RRX	R	3.1
NK BRAND	S33-D7X	RRX	R	3.3
NK BRAND	S34-T2X	RRX	R	3.4
NK BRAND	S35-K9X	RRX	R	3.5
PIONEER	P29A25X §	RRX	R	2.9
PIONEER	P31A22X §	RRX	R	3.1
PIONEER	P33A53X §	RRX	R	3.3
RENK	RS280NX	RRX	R	2.8
RENK	RS309NSX	RRX	R	3.0
RENK	RS330NSX	RRX	R	3.3
STINE	27EA23 §	E3	R	2.7
STINE	36EA02 §	E3	R	3.6
TITAN PRO	32E9	E3	R	3.2
TITAN PRO	34E8	E3	R	3.4

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™
LG27 or G27	LibertyLink® GT27™
LL	LibertyLink®
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Roundup Ready 2 Xtend®
ST	Sulfonylurea herbicide tolerant
