

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

2019 Soybeans Top 30 Harvest Report

Iowa South [IASO] OAKLAND, IA

Mark & Keith Bentley, Pottawattamie County, IA 51560

All-Season Test 2.5 - 3.6 Day CRM
S2019IASO51

Top 30 of 72 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn / Force, Acuron, Roundup
PowerMax, Clarity

SOIL DESCRIPTION: Marshall-Judson silty clay loam,
well drained, non-irrigated

SOIL CONDITION: very high P, very high K, 6.3 pH,
3.6% OM, 16.6 CEC

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

PEST MANAGEMENT: Glyphosate,Rup,Warrant,
Flexstar,Select Max

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

SEEDED - RATE - ROW: Jun 8 170.0 /A 15" spacing

HARVESTED - STAND: Nov 3 169.8 /A

TEST COMMENTS:

Strong looking plot; plants stood 31 to 42 inches tall with very good pod sets. There was no major lodging with the tall plants. This was the first plot we were able to start harvest before noon with beans dry enough to harvest. Mark was concerned that the field next to it was sprayed with dicamba and the plot would be damaged, but the results show no problem and performed very well. Weed pressure was a problem this year, and the plot was sprayed three times to control.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
STINE	36EA02 §	E3	3.6	R	80.3	12.0	3	170.0	677	1
ASGROW	AG26X0 §	RRX	2.6	R	80.1	11.3	1	170.0	675	2
CREDENZ	CZ 2830GTLL	LG27	2.8	R	79.7	11.6	1	170.0	672	3
LATHAM	L 3394 R2X	RRX	3.3	R	79.2	11.3	1	170.0	668	4
FS HISOY	HS 28X70	RRX	2.8	R	79.0	11.1	1	167.2	666	5
FS HISOY	HS 27X90	RRX	2.7	R	78.9	11.4	1	170.0	665	6
RENK	RS280NX	RRX	2.8	R	78.5	11.5	1	170.0	662	7
RENK	RS330NSX	RRX	3.3	R	78.3	11.3	2	170.0	660	8
GENESIS	G2840E	E3	2.7	R	78.2	11.7	1	170.0	659	9
KRUGER	K2X-3662	RRX	3.6	R	78.1	11.9	2	170.0	658	10
CREDENZ	CZ 3099GTLL	LG27	3.0	R	78.1	11.5	1	170.0	658	11
RENK	RS309NSX	RRX	3.0	R	77.6	11.9	1	170.0	654	12
LATHAM	L 3179 LLGT27	LG27	3.1	R	77.6	11.8	3	170.0	654	13
GOLDEN HARVEST	GH3088X §	RRX	3.0	MR	77.4	11.5	5	170.0	652	14
CREDENZ	CZ 3519GTLL	LG27	3.5	MR	77.3	11.8	7	170.0	652	15
KRUGER	K2X-3552	RRX	3.5	R	76.8	11.4	2	170.0	647	16
FS HISOY	HS 33X80	RRX	3.3	R	76.5	11.2	2	170.0	645	17
HOEGEMEYER	3491 NX	RRX	3.4	R	76.3	11.4	1	170.0	643	18
ASGROW	AG36X6 §	RRX	3.6	R	76.2	11.6	1	170.0	642	19
GENESIS	G3140ES	E3	3.1	R	76.2	11.6	2	170.0	642	20
FS HISOY	HS 32X90	RRX	3.2	R	76.2	11.5	2	170.0	642	21
GOLDEN HARVEST	GH3475X	RRX	3.4	R	76.1	11.7	2	170.0	642	22
CREDENZ	CZ 3100GTLL	LG27	3.1	MR	76.0	11.5	1	170.0	641	23
NK BRAND	S31-Y2X	RRX	3.1	R	76.0	11.4	1	170.0	641	24
FS HISOY	HS 29X80	RRX,ST	2.9	R	75.9	11.3	1	170.0	640	25
LATHAM	L 3382 LLGT27	LG27	3.3	R	75.8	11.9	1	170.0	639	26
CHANNEL	3318R2X GC	RRX	3.3	R	75.8	11.4	1	167.2	639	27
CHAMPION	3420GTLL	LG27	3.4	R	75.4	11.8	1	170.0	636	28
NK BRAND	S35-K9X	RRX	3.5	R	75.1	11.7	2	170.0	633	29
LATHAM	L 2949 E3	E3	2.9	R	75.1	12.1	1	170.0	633	30

Averages = **73.8** **11.6** **2** **169.8** **622**

LSD (0.10) = 5.4 0.3 1

LSD (0.25) = 2.8 0.2 1

C.V. = 7.0



Randy Meinsma

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Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$8.43

Report Date: 11/04/2019

† 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
