

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

2019 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 S2019IASC43a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Force, Acuron
SOIL DESCRIPTION:	Muscatine-Downs silty clay loam, well drained, non- irrigated
SOIL CONDITION:	very high P, medium K, 6.1 pH, 2.9% OM, 17.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	2,4-D, Verdict, Outlook, Flexstar, Select
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 7 170.0 /A 15" spacing
HARVESTED - STAND:	Nov 6 168.3 /A

TEST COMMENTS:

No-till went very well, and plants emerged well. Early varieties stood 23 to 27 inches tall and later varieties stood 27 to 32 inches, and pod sets looked good. There was no weed pressure. As the plot lays, it sloped down from north to south with the later varieties in the bottom holding more moisture. There was no major lodging. With delayed harvest, Dan was just finishing his soybean fields the day before the plot was harvested.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HISOY	HS 27X90	RRX	2.7	R	80.2	11.9	1	167.2	675	1
FS HISOY	HS 26X90	RRX	2.6	R	75.5	11.6	1	170.0	636	2
ASGROW	AG26X0 GC	RRX	2.6	R	74.6	11.5	1	170.0	628	3
HOEGEMEYER	2781 NX	RRX	2.7	R	73.6	11.7	1	167.2	620	4
CHAMPION	27X90N	RRX	2.7	R	72.6	11.6	1	167.2	611	5
LATHAM	L 2682R2X	RRX	2.6	R	71.9	11.5	1	170.0	605	6
STINE	25GA62 §	LG27	2.5	R	71.9	11.6	1	170.0	605	7
HOEGEMEYER	2540 E	E3	2.5	R	71.4	11.4	1	170.0	601	8
LATHAM	L 2384 R2X	RRX	2.3	R	70.9	11.6	1	167.2	597	9
FS HISOY	HS 25X70	RRX	2.5	R	70.0	11.5	1	170.0	589	10
CREDENZ	CZ 2579GTLL	LG27	2.5	MR	69.8	12.1	1	170.0	588	11
ARMOR	X28E89	E3	2.7	MR	69.6	11.4	1	170.0	586	12
KRUGER	K2X-2573	RRX	2.5	R	68.9	11.5	1	167.2	580	13
CORNELIUS	CB26E60	E3	2.6	R	68.6	12.1	1	167.2	578	14
GOLDEN HARVEST	GH2788X §	RRX	2.7	R	68.4	11.5	1	170.0	576	15
STINE	27EA23 §	E3	2.7	R	68.4	11.4	1	167.2	576	16
LATHAM	L 2578 LLGT27	LG27	2.5	R	67.3	11.6	1	170.0	567	17
KRUGER	K2X-2673	RRX	2.6	R	66.9	11.5	1	164.3	563	18
RENK	RS248NX	RRX	2.4	R	66.4	12.0	1	167.2	559	19
ARMOR	28-D68	RRX	2.7	MR	66.3	11.6	1	167.2	558	20
CORNELIUS	P3 1924E	E3	2.4	R	66.0	11.8	1	170.0	556	21
NK BRAND	S25-V8X	RRX	2.5	MR	65.5	11.7	1	170.0	552	22
GOLDEN HARVEST	GH2230X	RRX	2.2	R	65.5	11.5	1	167.2	552	23
GENESIS	G2840E	E3	2.7	R	65.4	11.4	1	170.0	551	24
CHAMPION	24X98N	RRX	2.4	R	65.4	12.2	1	170.0	551	25
CHAMPION	2590EN	E3	2.5	R	64.8	11.9	1	170.0	546	26
FS HISOY	HS 24X80	RRX	2.4	R	64.6	11.6	1	170.0	544	27
KRUGER	K2X-2652	RRX	2.6	R	63.8	11.5	1	161.5	537	29
CHAMPION	2460GTLL	LG27	2.4	R	63.4	12.0	1	170.0	534	30
NK BRAND	S27-M8X §	RRX	2.7	R	63.3	11.7	1	170.0	533	31
MIDWEST	MW X2642 CK	RRX	2.6	R	64.1	11.7	1	170.0	540	28
					Averages =	67.0	11.7	1	168.3	565
					LSD (0.10) =	3.8	0.3	ns		
					LSD (0.25) =	2.0	0.1	ns		
					C.V. =	5.4				



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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$8.42

Report Date: 11/08/2019

Revised: 11/08/2019 None

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 Top 30 Harvest Report

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

Full-Season Test	2.8 - 3.2 Day CRM S2019IASC43b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Force, Acuron
SOIL DESCRIPTION:	Muscatine-Downs silty clay loam, well drained, non- irrigated
SOIL CONDITION:	very high P, medium K, 6.1 pH, 2.9% OM, 17.1 CEC
TILLAGE/CULTIVATION:	No-Till
PEST MANAGEMENT:	2,4-D, Verdict, Outlook, Flexstar, Select
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 7 170.0 /A 15" spacing
HARVESTED - STAND:	Nov 6 169.8 /A

TEST COMMENTS:

No-till went very well, and plants emerged well. Early varieties stood 23 to 27 inches tall and later varieties stood 27 to 32 inches, and pod sets looked good. There was no weed pressure. As the plot lays, it sloped down from north to south with the later varieties in the bottom holding more moisture. There was no major lodging. With delayed harvest, Dan was just finishing his soybean fields the day before the plot was harvested.

Company/Brand	Product/Brand	Technol.†	RM	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GENESIS	G3140ES	E3	3.1	R	80.2	12.2	1	170.0	675	1
HOEGEMEYER	3030 E	E3	3.0	R	77.9	11.7	1	167.2	656	2
ARMOR	X32E59	E3	3.2	MR	77.4	12.4	1	170.0	652	3
CHAMPION	2820GTLL	LG27	2.8	R	77.1	11.8	1	170.0	649	4
LATHAM	L 3179 LLGT27	LG27	3.1	R	76.7	12.0	1	170.0	646	5
RENK	RS280NX	RRX	2.8	R	76.6	11.5	1	170.0	645	6
TITAN PRO	30E9	E3	3.0	R	76.3	12.0	1	170.0	642	7
CHAMPION	3220EN	E3	3.2	R	75.9	12.0	1	170.0	639	8
GOLDEN HARVEST	GH3088X §	RRX	3.0	MR	75.7	11.7	1	170.0	637	9
TITAN PRO	28E8	E3	2.8	R	75.2	11.3	1	170.0	633	10
FS HISOY	HS 32X90	RRX	3.2	R	75.1	12.1	1	170.0	632	11
CHAMPION	32X40N	RRX	3.2	R	74.7	11.7	1	170.0	629	12
NK BRAND	S30-M9X	RRX	3.0	MR	74.7	11.4	1	170.0	629	13
ARMOR	X30E39	E3	3.0	MR	74.7	11.8	1	170.0	629	14
HOEGEMEYER	2820 E	E3	2.8	R	74.3	11.4	1	170.0	626	15
ARMOR	X32D29	RRX,ST	3.2	MR	74.1	12.0	1	170.0	624	16
CORNELIUS	P3 2028B	LG27	2.8	R	73.9	12.0	1	170.0	622	17
CORNELIUS	P3 2031E	E3	3.1	R	73.4	12.4	1	170.0	618	18
HOEGEMEYER	3120 E GC	E3	3.1	R	73.3	12.1	1	167.2	617	19
ARMOR	X31D09	RRX	3.1	MR	73.2	12.0	1	170.0	616	20
CREDENZ	CZ 2889GTLL	LG27	2.8	MR	72.2	11.6	1	170.0	608	21
FS HISOY	HS 29X80	RRX,ST	2.9	R	71.9	11.9	1	170.0	605	22
GOLDEN HARVEST	GH3195X	RRX	3.1	R	71.8	11.7	1	170.0	605	23
CHAMPION	28X78N	RRX	2.8	R	71.8	11.6	1	170.0	605	24
CREDENZ	CZ 3099GTLL	LG27	3.0	R	71.8	11.8	2	170.0	605	25
CREDENZ	CZ 3100GTLL	LG27	3.1	MR	71.7	11.8	2	170.0	604	26
CORNELIUS	P3 2029E	E3	2.9	R	71.5	12.2	1	170.0	602	27
CORNELIUS	CB29X90	RRX	2.9	R	71.1	11.7	1	170.0	599	28
ASGROW	AG28X9 §	RRX	2.8	R	71.1	11.9	1	170.0	599	29
KRUGER	K2X-2971	RRX	2.9	R	71.0	11.6	1	170.0	598	30
MIDWEST	MW X2642 CK	RRX	2.6	R	63.5	11.8	1	170.0	535	44
					Averages =	71.9	11.9	1	169.8	606
					LSD (0.10) =	4.1	0.2	ns		
					LSD (0.25) =	2.2	0.1	ns		
					C.V. =	5.4				



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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$8.42

Report Date: 11/08/2019

Revised: 11/08/2019 None

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2019 Soybeans - Iowa South Central [IASC]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ARMOR	28-D68	RRX	MR	2.7
ARMOR	X28E89	E3	MR	2.7
ASGROW	AG26X0 GC	RRX	R	2.6
CHAMPION	2460GTLL	LG27	R	2.4
CHAMPION	24X98N	RRX	R	2.4
CHAMPION	2590EN	E3	R	2.5
CHAMPION	27X90N	RRX	R	2.7
CORNELIUS	CB26E60	E3	R	2.6
CORNELIUS	P3 1924E	E3	R	2.4
CREDENZ	CZ 2360GTLL	LG27	MR	2.3
CREDENZ	CZ 2579GTLL	LG27	MR	2.5
FS HISOY	HS 24X80	RRX	R	2.4
FS HISOY	HS 25X70	RRX	R	2.5
FS HISOY	HS 26X90	RRX	R	2.6
FS HISOY	HS 27X90	RRX	R	2.7
GENESIS	G2840E	E3	R	2.7
GOLDEN HARVEST	GH2230X	RRX	R	2.2
GOLDEN HARVEST	GH2788X §	RRX	R	2.7
HOEGEMEYER	2540 E	E3	R	2.5
HOEGEMEYER	2781 NX	RRX	R	2.7
KRUGER	K2X-2573	RRX	R	2.5
KRUGER	K2X-2652	RRX	R	2.6
KRUGER	K2X-2673	RRX	R	2.6
LATHAM	L 2384 R2X	RRX	R	2.3
LATHAM	L 2429 E3	E3	R	2.4
LATHAM	L 2578 LLGT27	LG27	R	2.5
LATHAM	L 2682R2X	RRX	R	2.6
MIDWEST	MW X2642 CK	RRX	R	2.6
NK BRAND	S25-V8X	RRX	MR	2.5
NK BRAND	S27-M8X §	RRX	R	2.7
PIONEER	P25A27X §	RRX	R	2.5
RENK	RS248NX	RRX	R	2.4
RENK	RS250NX	RRX	R	2.5
STINE	25GA62 §	LG27	R	2.5
STINE	27EA23 §	E3	R	2.7
TITAN PRO	23E9	E3	R	2.3

2019 Soybeans - Iowa South Central [IASC]

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	SCN	RM
ARMOR	X30E39	E3	MR	3.0
ARMOR	X31D09	RRX	MR	3.1
ARMOR	X32D29	RRX,ST	MR	3.2
ARMOR	X32E59	E3	MR	3.2
ASGROW	AG28X9 §	RRX	R	2.8
ASGROW	AG29X9 §	RRX	R	2.9
ASGROW	AG31X0 §	RRX	R	3.1
CHAMPION	2820GTLL	LG27	R	2.8
CHAMPION	28X78N	RRX	R	2.8
CHAMPION	3220EN	E3	R	3.2
CHAMPION	32X40N	RRX	R	3.2
CORNELIUS	CB29X90	RRX	R	2.9
CORNELIUS	P3 2028B	LG27	R	2.8
CORNELIUS	P3 2029E	E3	R	2.9
CORNELIUS	P3 2031E	E3	R	3.1
CREDENZ	CZ 2889GTLL	LG27	MR	2.8
CREDENZ	CZ 3099GTLL	LG27	R	3.0
CREDENZ	CZ 3100GTLL	LG27	MR	3.1
FS HISOY	HS 28X70	RRX	R	2.8
FS HISOY	HS 29X80	RRX,ST	R	2.9
FS HISOY	HS 31X60	RRX	R	3.1
FS HISOY	HS 32X90	RRX	R	3.2
GENESIS	G3140ES	E3	R	3.1
GOLDEN HARVEST	GH3088X §	RRX	MR	3.0
GOLDEN HARVEST	GH3195X	RRX	R	3.1
HOEGEMEYER	2820 E	E3	R	2.8
HOEGEMEYER	3030 E	E3	R	3.0
HOEGEMEYER	3120 E GC	E3	R	3.1
KRUGER	K2X-2863	RRX	R	2.8
KRUGER	K2X-2971	RRX	R	2.9
KRUGER	K2X-3271	RRX	R	3.2
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
MIDWEST	MW X2642 CK	RRX	R	2.6

Company/Brand	Brand/Product	Technology	RM	SCN
NK BRAND	S30-M9X	RRX	MR	3.0
NK BRAND	S31-Y2X	RRX	R	3.1
PIONEER	P29A25X §	RRX	R	2.9
PIONEER	P31A22X §	RRX	R	3.1
RENK	RS280NX	RRX	R	2.8
RENK	RS309NSX	RRX	R	3.0
TITAN PRO	28E8	E3	R	2.8
TITAN PRO	30E9	E3	R	3.0
TITAN PRO	32E9	E3	R	3.2

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
