

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

2019 Soybeans Top 30 Harvest Report

Iowa South Central [IASC] NEVADA, IA

Shane, Spencer, Norman Harrison, Story County, IA 50201

Early-Season Test	2.3 - 2.7 Day GRM S2019IASC42a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / unknown
SOIL DESCRIPTION:	Clarion loam, well drained, non-irrigated
SOIL CONDITION:	low P, low K, 6.8 pH, 2.6% OM, 12.8 CEC
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Zidua Pro, Clethodim, First Rate, Flex Star
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 5 170.0 /A 15" spacing
HARVESTED - STAND:	Oct 26 149.9 /A

TEST COMMENTS:

Delayed planting with cool wet soils made it a challenge to get this location planted. The full season test had a little better drainage than the early season test. Wet cool soils made some emergence problems. The full season plants stood 29 to 33 inches tall while the early seasons stood 12 to 28 inches. Pods sets were far apart and plants were well matured, but cool wet weather again this fall made dry down difficult. Unfortunately yield statistics were not significant for variety in either test, so the data were rejected.

Company/Brand	Product/Brand	Yield 1	GR	Moist	Yield Bu/ct	Moisture %	Logging %	Stand In 1000's	Gross Income \$/acre	Rank
ARROW	28-088	HR	2.7	HR	41.2	12.9	1	170.0	248	1
LATHAM	L 2428 E3	E3	2.4	R	35.4	12.6	1	170.0	288	2
NR BRAND	S25-184	HR	2.5	HR	33.9	13.2	1	170.0	285	4
CORONAZ	CZ 2090TLL	LOT7	2.5	HR	35.7	12.7	1	170.0	284	5
KRUGER	K24-2073	HR	2.6	R	35.5	12.9	1	170.0	282	6
FB HIBOY	HB 20480	HR	2.6	R	33.5	12.8	1	170.0	274	7
NR BRAND	S27-184 &	HR	2.7	R	33.5	12.8	1	170.0	271	8
ROYAL	ROYALHR	HR	2.4	R	31.1	12.8	1	170.0	270	9
CORNELLUS	CR2080	E3	2.4	R	31.0	12.8	1	170.0	261	10
CORONAZ	CZ 2090TLL	LOT7	2.5	R	29.8	12.7	1	165.0	261	11
LATHAM	L 2078 LLOT27	LOT7	2.5	R	29.5	12.7	1	163.0	249	12
KRUGER	K24-2073	HR	2.5	R	29.5	12.7	1	158.7	244	13
CHAMPION	2080N	E3	2.5	R	28.1	13.4	1	153.0	238	14
GOLDEN HARVEST	GH2080	HR	2.2	R	27.2	12.7	1	144.5	235	15
LATHAM	L 2084 R24	HR	2.5	R	27.2	12.7	1	144.5	232	16
FB HIBOY	HB 20480	HR	2.5	R	26.4	13.8	1	138.7	222	17
LATHAM	L 2080R24	HR	2.5	R	26.0	13.0	1	170.0	218	18
CHAMPION	2080N	HR	2.4	R	25.1	13.2	1	138.7	211	19
ARROW	K2080	HR	2.7	HR	24.7	13.1	1	153.0	207	20
FB HIBOY	HB 27000	HR	2.7	R	24.8	13.8	1	153.0	207	21
FB HIBOY	HB 20700	HR	2.5	R	24.4	13.8	1	170.0	205	22
GENESE	2080	HR	2.7	R	24.2	14.4	1	170.0	200	23
ROYAL	ROYALHR	HR	2.5	R	23.9	12.9	1	153.0	201	24
CHAMPION	2080TLL	LOT7	2.4	R	23.9	13.9	1	144.5	201	25
TITAN PRO	2080	E3	2.3	R	22.8	12.9	1	138.0	192	26
KRUGER	K24-2082	HR	2.6	R	22.0	12.8	1	138.7	185	27
HODGENMEYER	2701 NR	HR	2.7	R	22.0	13.1	1	153.0	185	28
CHAMPION	2700N	HR	2.7	R	19.7	11.9	1	170.0	186	29
STONE	2700 &	E3	2.7	R	19.4	13.8	1	127.5	183	30
GOLDEN HARVEST	GH2080 &	HR	2.7	R	17.2	12.8	1	170.0	144	31
ARROW	28-088	HR	2.5	R	31.7	12.8	1	170.0	300	7

REJECTED



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Averages = **26.3** **13.1** **1** **149.9** **215**
 LSD (0.10) = ns ns ns
 LSD (0.25) = ns ns ns
 C.V. = 33.1

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

Report Date: 10/30/2019

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] NEVADA, IA

Shane, Spencer, Norman Harrison, Story County, IA 50201

Full-Season Test	2.8 - 3.2 Day GRM S2019IASC42b
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / unknown
SOIL DESCRIPTION:	Clarion loam, well drained, non-irrigated
SOIL CONDITION:	low P, low K, 6.8 pH, 2.6% OM, 12.8 CEC
TILLAGE/CULTIVATION:	Minimum W/ Fall Till
PEST MANAGEMENT:	Zidua Pro, Clethodim, First Rate, Flex Star
Applied N-P-K (units):	0-0-0
SEEDED - RATE - ROW:	Jun 5 170.0 /A 15" spacing
HARVESTED - STAND:	Oct 26 165.3 /A

TEST COMMENTS:

Delayed planting with cool wet soils made it a challenge to get this location planted. The full season test had a little better drainage than the early season test. Wet cool soils made some emergence problems. The full season plants stood 29 to 33 inches tall while the early seasons stood 12 to 28 inches. Pods sets were far apart and plants were well matured, but cool wet weather again this fall made dry down difficult. Unfortunately yield statistics were not significant for variety in either test, so the data were rejected.

Company/Brand	Product/Brand	Yield 1	GR	Moist	Yield Bu/ct	Moisture %	Logging %	Stand In 1000's	Gross Income \$/acre	Rank
TOTAL PRO	2828	63	2.8	R	62.7	13.6	1	170.0	443	1
ARACOR	K3028	63	3.0	NR	60.9	13.7	3	170.0	427	2
GENESIS	021405	63	3.1	R	60.3	13.7	1	170.0	414	3
TOTAL PRO	3029	63	3.0	R	60.1	13.6	2	170.0	413	4
TOTAL PRO	3029	63	3.2	R	60.6	13.6	4	170.0	410	5
LATHAM	L 284722	63	2.8	R	60.9	14.6	4	170.0	408	6
LATHAM	L 3162 E3	63	3.1	R	59.9	13.6	1	170.0	403	7
CORNELLUS	FS 2096	63	2.9	R	61.7	13.6	1	170.0	401	8
MR BRAND	530-404	NR	3.0	NR	61.7	13.6	1	170.0	400	9
HOGEMEYER	3030 E	63	3.0	R	61.4	13.6	1	170.0	398	10
FS H50Y	HE 2096	NR	3.0	R	61.1	13.6	5	170.0	398	11
CHAMPION	3243N	NR	3.2	R	61.1	13.6	1	170.0	398	12
HOGEMEYER	2828 E	63	2.8	R	61.4	14.1	1	170.0	398	13
GOLDEN HARVEST	04196A	NR	3.1	R	61.1	14.2	1	170.0	398	14
CORNELLUS	020490	NR	3.0	R	61.1	13.6	2	164.3	398	15
KRUGER	K29-2071	NR	3.0	R	60.5	13.6	1	164.3	392	17
CHAMPION	2847N	NR	3.0	R	60.1	13.6	2	170.0	378	18
FS H50Y	HE 2096	NR,ST	3.0	R	60.7	12.9	1	170.0	378	19
KRUGER	K29-2863	NR	2.9	R	60.7	13.4	1	170.0	378	20
HOGEMEYER	3120 E GC	NR	3.1	R	60.7	13.3	6	170.0	378	21
ARACOR	K3028	NR	3.2	NR	60.4	13.6	1	166.7	373	22
PIONEER	3030	NR	2.9	R	60.4	14.0	1	166.7	373	23
ARACOR	K3028	NR,ST	3.2	NR	60.9	13.0	1	170.0	370	24
MONK	NR,ST	NR	3.0	R	60.9	13.5	1	166.7	369	25
FS H50Y	HE 2096	NR	3.1	R	60.9	13.6	1	164.3	369	26
KRUGER	K29-2071	NR	2.9	R	60.7	14.1	2	170.0	367	28
ORION	02 3000TLL	LOGP	3.0	R	60.7	13.2	1	170.0	366	27
LATHAM	L 284722	LOGP	2.8	R	60.3	13.6	1	170.0	364	29
ORION	02 3000TLL	LOGP	3.1	NR	60.2	13.5	1	170.0	363	30
MONK	NR,ST	NR	2.9	R	60.9	13.3	1	164.3	360	31
Average			3.0	R	60.5	13.5	1	170.0	361	32



[Signature]

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Averages = **43.9** **13.6** **1** **165.3** **368**
 LSD (0.10) = ns ns ns
 LSD (0.25) = ns ns ns
 C.V. = 19.3

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

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
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
