

Test by: North Iowa F.I.R.S.T., Inc Sanborn, IA

2019 Soybeans Top 30 Harvest Report

Iowa Northwest [IANW] ALBERT CITY, IA
Nathan Schumann, Buena Vista County, IA 50510

Early-Season Test	2.1 - 2.4 Day CRM S2019IANW04a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Roundup
SOIL DESCRIPTION:	Clarion loam , well drained
SOIL CONDITION:	very high P, very high K, 6.5 pH, 3.5% OM, 18.9 CEC
TILLAGE/CULTIVATION:	Minimum W/O Fall Till
PEST MANAGEMENT:	Roundup
Applied N-P-K (units):	40-100-100
SEEDED - RATE - ROW:	Jun 5 144.0 /A 30" spacing
HARVESTED - STAND:	Oct 18 125.9 /A

TEST COMMENTS:

This plot was planted the first week of June, typical of several area soybean fields this year where farmers battled wet weather and poorly timed rain showers. Yields of undamaged varieties at this plot ranged from mid 50's to lower 60's. Unfortunately, tire tracks from an implement during the season damaged several plots throughout the testing area rendering much of the data set variable and unuseable.

Company/Brand	Product/Brand	Yield †	Mo	Shr	Yield	Moisture	Logging	Stand	Gross Income	Rank
		bu	%	%	bu	%	%	/a (2019)	\$/bu	
LATHAM	L200024	ns	2.2	ns	69.8	14.3	1	126.3	432	1
TRIN PRO	TR 24007	ns	2.4	ns	68.8	15.1	1	126.2	413	2
TRIN PRO	24018	ns	2.4	ns	67.2	14.0	1	126.2	400	3
HEFTY	HQ408	ns	2.4	ns	67.2	15.4	1	126.2	386	4
GOLDEN HARVEST	GH20124	ns	1.9	ns	66.7	13.0	1	126.1	380	5
PG HIGH	H8 24000	ns	2.4	ns	66.7	14.7	1	126.1	378	6
HEFTY	ZH408	ns	2.4	ns	66.2	14.2	1	127.1	376	7
LATHAM	L200024	ns	2.1	ns	65.8	14.1	1	127.1	371	8
LATHAM	L 2000 LOTOP	ns	2.1	ns	65.3	14.1	1	126.3	369	9
CRISTINA	CE 20007LL	ns	2.0	ns	65.3	13.2	1	126.0	364	10
CRISTINA	CE 20007LL	ns	2.0	ns	64.1	14.1	1	125.8	360	11
GOLDEN HARVEST	GH20124	ns	2.2	ns	63.9	13.0	1	127.3	358	12
LEGEND	LE 20007	ns	2.1	ns	63.7	14.7	1	125.8	348	13
PG HIGH	H8 24000	ns	2.1	ns	63.5	13.8	1	119.8	340	15
CHAMPION	CH20007	ns	2.1	ns	63.4	13.8	1	127.0	338	16
TRIN PRO	2008	ns	2.1	ns	62.7	13.8	1	127.5	337	17
PG HIGH	H8 22000	ns	2.1	ns	62.5	13.8	1	126.7	336	18
LEGEND	LE 20007	ns	2.0	ns	62.2	13.0	1	126.2	333	19
CHAMPION	CH20007	ns	2.1	ns	62.4	13.1	1	122.3	328	20
AGRIUM	AG20007	ns	2.0	ns	62.3	14.4	1	126.7	325	21
PG HIGH	H8 24000	ns	2.3	ns	62.4	15.1	1	125.3	322	22
BRASS	BH 20007	ns	2.2	ns	62.4	15.4	1	121.8	320	23
HEFTY	HQ408	ns	2.3	ns	62.3	13.7	1	126.0	320	24
POWER	PO20007	ns	2.4	ns	62.1	13.8	1	126.2	298	25
NR BRAND	NR 20007	ns	2.1	ns	62.8	13.1	1	127.0	287	26
KRUISER	KR 20112	ns	2.1	ns	62.7	14.4	1	125.1	284	27
HEFTY	ZH408	ns	2.3	ns	62.7	13.7	1	126.5	284	28
HICKORY HILL	HH 20007	ns	2.2	ns	62.2	14.8	1	127.0	280	29
LATHAM	L 2400 E3	ns	2.4	ns	62.0	14.0	1	121.5	280	30
HICKORY HILL	HH 20007	ns	1.9	ns	61.8	13.0	1	126.0	280	31
AGRIUM	AG20007	ns	2.4	ns	61.8	13.0	1	121.0	278	32

REJECTED

Corey Rozenboom

Corey Rozenboom
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Averages =	38.7	14.1	1	125.9	328
LSD (0.10) =	10.9	0.9	0		
LSD (0.25) =	5.7	0.5	0		
C.V. =	26.6				

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.02 Prices: GMO = \$8.50

Report Date: 10/22/2019
Revised: 10/24/2019 (data change, incorrect product removed from full-season test)
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 Northwest [IANW] ALBERT CITY, IA
Nathan Schumann, Buena Vista County, IA 50510

Full-Season Test 2.5 - 2.8 Day CRM
S2019IANW04b

Top 30 of 41 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Corn / Roundup

SOIL DESCRIPTION: Clarion loam , well drained

SOIL CONDITION: very high P, very high K, 6.5 pH,
3.5% OM, 18.9 CEC

TILLAGE/CULTIVATION: Minimum W/O Fall Till

PEST MANAGEMENT: Roundup

Applied N-P-K (units): 40-100-100

SEEDED - RATE - ROW: Jun 5 144.0 /A 30" spacing

HARVESTED - STAND: Oct 18 124.3 /A

TEST COMMENTS:

This plot was planted the first week of June, typical of several area soybean fields this year where farmers battled wet weather and poorly timed rain showers. Yields of undamaged varieties at this plot ranged from mid 50's to lower 60's. Unfortunately, tire tracks from an implement during the season damaged several plots throughout the testing area rendering much of the data set variable and unuseable.

Company/Brand	Product/Brand	Yield †	Mo	Shrink	Dry	Moisture	Logging	Stand	Gross Income	Rank
		bu	%	%	bu	%	%	/a (2019)	\$/bu	
AGROCON	AG2760	66a	27	n	66.8	17.0	1	122.1	462	1
POWER	PO2760R GC	66	27	n	66.8	14.8	1	127.7	428	2
HEFTY	H2660	66a	25	n	62.0	16.1	2	126.7	422	3
HICKSMEYER	2761 E	63	25	n	49.7	14.4	1	125.3	413	4
AGROCON	AG2660	66a	26	n	49.7	16.3	1	124.1	411	5
POWER	PO2670R g	66a	27	n	49.3	17.0	1	124.6	408	6
AGROCON	AG2660R GC	66a	25	n	49.4	16.8	1	127.1	399	7
PG WISCH	HG 2760R	66a	27	n	47.2	17.0	1	124.8	397	8
NS BRAND	527 66R	66a	26	n	45.7	16.8	1	121.0	385	9
NS BRAND	525 66R	66a	25	ns	45.7	16.4	1	123.1	384	10
WILCOX	K24 2670	66a	26	n	45.8	16.8	17	125.3	382	11
POWER	PO2670R GC	66	25	n	45.9	16.9	1	126.7	376	12
LATHAM	L 2660R	66a	26	n	45.9	17.0	1	124.1	374	13
CRESCENT	CE 2660R	66a	27	n	45.9	16.8	1	125.8	364	14
TWIN PRO	266L	66†	27	n	45.0	17.0	1	124.8	362	15
HEFTY	H2660	63	25	n	42.2	16.2	1	127.7	356	16
PG WISCH	HG 2660R	66a	26	n	42.2	17.0	8	123.8	355	17
TWIN PRO	266R	63	26	n	42.2	17.0	1	122.8	355	18
CHAMPION	2660R	66†	26	n	42.0	17.0	1	124.0	354	19
STAG	2761	66a	27	n	41.8	17.0	1	125.3	352	21
CHAMPION	2761	66a	27	n	41.8	17.0	1	122.3	352	20
WILCOX	K24 2660	66a	25	n	41.4	16.2	1	127.3	350	22
WILCOX	K24 2660	66a	26	n	41.4	16.3	1	123.1	349	23
CRESCENT	CE 2760R/LL	66†	25	ns	41.3	16.8	1	125.3	348	24
CRESCENT	CE 2660R/LL	66†	26	n	41.3	17.0	1	125.0	348	25
LATHAM	L 2660R	66a	25	n	40.9	16.0	1	123.8	348	26
WILCOX	K24 2660	66a	26	n	39.8	17.0	1	121.8	333	27
PG WISCH	HG 2660R	66a	25	n	37.5	14.8	1	125.0	317	28
HICKSMEYER	2761 66	66a	27	n	37.1	17.0	1	125.3	312	29
GOLDEN HARVEST	GH2760	66a	27	n	36.7	17.0	1	124.1	309	31
Averages			24		41.3	16.5	2	124.3	349	
					LSD (0.10) =	9.0	0.8	6		
					LSD (0.25) =	4.7	0.4	3		
					C.V. =	20.7				

Corey Rozenboom

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Averages = **41.3** **16.5** **2** **124.3** **349**

LSD (0.10) = 9.0 0.8 6

LSD (0.25) = 4.7 0.4 3

C.V. = 20.7

Yield & Income Factors:

Base Moisture = 13.0%

Shrink = 1.3

Drying = \$0.02

Prices: GMO = \$8.50

Report Date: 10/22/2019

Revised:10/24/2019 (data change, incorrect product
removed from full-season test)

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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Early-Season Test Products (36 Total)

Company/Brand	Brand/Product	Technology	SCN	RM
ASGROW	AG20X9 §	RRX	R	2.0
CHAMPION	21X99N	RRX	R	2.1
CHAMPION	2220GTLL	LG27	R	2.2
CHAMPION	2370EN	E3	R	2.3
CHAMPION	24X98N	RRX	R	2.4
CREDENZ	CZ 2040GTLL	LG27	R	2.0
CREDENZ	CZ 2360GTLL	LG27	MR	2.3
CROPLAN	R2C2450 CK	RR2Y	R	2.4
FS HISOY	HS 21X90	RRX	R	2.1
FS HISOY	HS 22X90	RRX	R	2.2
FS HISOY	HS 23X70	RRX	R	2.3
FS HISOY	HS 24X80	RRX	R	2.4
GOLDEN HARVEST	GH1915X §	RRX	R	1.9
GOLDEN HARVEST	GH2230X	RRX	R	2.2
HEFTY	H23X0	RRX	R	2.3
HEFTY	H24X8	RRX	MR	2.4
HEFTY	Z2301E	E3	R	2.3
HEFTY	Z2400E	E3	R	2.4
HOEGEMEYER	1910 E	E3	R	1.9
HOEGEMEYER	2202 NX	RRX	R	2.2
KRUGER	K2X-2172	RRX	R	2.1
KRUGER	K2X-2283	RRX	R	2.2
LATHAM	L2295R2X	RRX	R	2.2
LATHAM	L2368R2X	RRX	R	2.3
LATHAM	L 2395 LLGT27	LG27	R	2.3
LATHAM	L 2429 E3	E3	R	2.4
LEGEND	LS 201E964N	E3	R	2.1
LEGEND	LS 20X963N	RRX	MR	2.0
NK BRAND	S18-G4X §	RRX	R	1.8
NK BRAND	S21-W8X §	RRX	R	2.1
PIONEER	P21A28X §	RRX	R	2.1
PIONEER	P24A99X §	RRX	R	2.4
TITAN PRO	22E8	E3	R	2.2
TITAN PRO	23E9	E3	R	2.3
TITAN PRO	24GL9	LG27	R	2.4
TITAN PRO	TP-24X87	RRX	R	2.4

Full-Season Test Products (41 Total)

Company/Brand	Brand/Product	Technology	SCN	RM
AGRIGOLD	G2505RX GC	RRX	R	2.5
ASGROW	AG25X0	RRX	R	2.5
ASGROW	AG26X0	RRX	R	2.6
ASGROW	AG27X0	RRX	R	2.7
BECKS	2559X2	RRX	R	2.5
CHAMPION	25X70N	RRX	R	2.5
CHAMPION	27X90N	RRX	R	2.7
CHAMPION	2820GTLL	LG27	R	2.8
CHAMPION	2889EN	E3	R	2.8
CREDENZ	CZ 2579GTLL	LG27	MR	2.5
CREDENZ	CZ 2830GTLL	LG27	R	2.8
CREDENZ	CZ 2889GTLL	LG27	MR	2.8
CROPLAN	R2C2450 CK	RR2Y	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
FS HISOY	HS 28X70	RRX	R	2.8
GOLDEN HARVEST	GH2552X	RRX	MR	2.5
GOLDEN HARVEST	GH2788X	RRX	R	2.7
HEFTY	H25E0	E3	R	2.5
HEFTY	H25X0	RRX	R	2.5
HEFTY	Z2700E	E3	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
KRUGER	K2X-2863	RRX	R	2.8
LATHAM	L 2549R2X	RRX	R	2.5
LATHAM	L 2578 LLGT27	LG27	R	2.5
LATHAM	L 2839 LLGT27	LG27	R	2.8
NK BRAND	S25-V8X	RRX	MR	2.5
NK BRAND	S27-M8X	RRX	R	2.7
PIONEER	P25A70R GC	RR	R	2.5
PIONEER	P27A17X §	RRX	R	2.7
PIONEER	P27T59R GC	RR	R	2.7

Company/Brand	Brand/Product	Technology	RM	SCN
STINE	27EA23	E3	R	2.7
TITAN PRO	25E8	E3	R	2.5
TITAN PRO	28E8	E3	R	2.8
TITAN PRO	28GL9	LG27	R	2.8
TITAN PRO	TP-28X47	RRX	R	2.8

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

Soybeans Technologies*

E3	Enlist E3™
G27	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

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable