

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): 0-0-0

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	Seeds / Row	GR	SW Seed	Yield Bu/A	Moisture %	lodging %	Stand in 2000 #/A	Gross Income \$/A	Rank
LATHAM	L2000PK	NS	2.2	R	31.8	14.3	1	126.3	432	1
TITAN PRO	TP 2000T	NS	2.4	R	48.8	15.1	1	126.2	413	2
TITAN PRO	2000L	LS07	2.4	R	47.2	14.0	1	126.2	400	3
HEFTY	H0408	NS	2.4	NS	47.2	15.4	1	126.2	388	4
GOLDEN HARVEST	GH1010A &	NS	1.9	R	44.7	13.0	1	126.1	380	5
FB HIBOY	HB 2000	NS	2.4	R	44.7	14.7	1	126.1	378	6
HEFTY	Z0408	E3	2.4	R	44.2	14.2	1	127.7	376	7
LATHAM	L2000PK	NS	2.2	R	43.8	14.1	1	127.1	371	8
LATHAM	L 2000 LLS07P	LS07	2.4	R	43.5	14.0	1	126.3	369	9
CRICKING	C2 2000TLL	LS07	2.0	R	43.2	13.2	1	125.9	364	10
CRICKING	C2 2000TLL	LS07	2.0	NS	43.1	14.1	1	125.8	360	11
GOLDEN HARVEST	GH0200A	NS	2.2	R	42.8	13.7	1	127.3	358	12
LEGEND	LB 2000R	NS	2.1	R	42.7	14.7	1	125.8	348	13
FB HIBOY	HB 2000	NS	2.4	R	42.5	13.8	1	119.8	340	14
CHAMPION	Z1000	E3	2.1	R	42.4	13.8	1	127.0	338	15
TITAN PRO	Z000	E3	2.4	R	39.7	13.8	1	127.8	337	17
FB HIBOY	HB 2000	NS	2.4	R	39.5	13.8	1	126.7	335	18
LEGEND	LB 2000R	NS	2.1	NS	39.2	13.0	1	126.2	333	19
CHAMPION	Z1000	NS	2.1	R	38.4	13.1	1	122.3	328	20
AGRIUM	AG1000	NS	2.0	R	38.3	14.4	1	126.7	325	21
FB HIBOY	HB 2000	NS	2.3	R	38.4	15.1	1	125.3	324	22
BRAND	B1000	NS	2.2	R	38.8	15.4	1	121.8	321	23
HEFTY	Z000	NS	2.3	R	35.3	13.7	1	126.0	320	24
PIONEER	P1000A &	NS	2.4	R	35.1	13.8	1	126.2	298	25
NS BRAND	NS 1000A &	NS	2.1	R	34.9	13.1	1	127.0	297	26
KRUGER	K20.2112	NS	2.1	R	34.7	14.4	1	125.1	294	27
HEFTY	Z000	E3	2.3	R	34.7	13.7	1	126.5	294	28
HORSMEYER	H000 NS	NS	2.2	R	34.2	14.8	1	127.0	288	29
LATHAM	L 2000 E3	E3	2.4	R	34.0	14.0	1	121.5	288	30
HORSMEYER	H000 E	E3	1.9	R	33.8	13.8	1	126.0	285	31
LEGEND	LB 2000R	NS	2.1	R	33.8	14.3	1	124.3	281	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

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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 42	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):	0-0-0
SEEDED - RATE - ROW:	Jun 5 144.0 /A 30" spacing
HARVESTED - STAND:	Oct 18 124.4 /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 1	Yield 2	Yield 3	Moisture	lodging	Stand	Gross Income	Rank	
		bu	bu	bu	%	%	/a (2019)	\$/bu		
AGRIUM	AG2740 G	NS	2.7	NS	16.8	17.0	1	122.1	403	1
PIONEER	P2775R GC	NS	2.7	NS	16.8	14.8	1	127.7	428	2
HEFTY	H2840	NS	2.5	NS	16.1	16.1	2	126.7	422	3
HORSEMEYER	2840 E	ES	2.5	NS	16.7	14.4	1	125.3	413	4
AGRIUM	AG2840 G	NS	2.6	NS	16.7	16.3	1	121.1	411	5
PIONEER	P2747R	NS	2.7	NS	16.5	17.0	1	124.8	408	6
AGRIUM	AG2840 GC	NS	2.5	NS	16.6	16.6	1	121.1	399	7
FE HIBOY	HE 2740	NS	2.7	NS	17.2	17.2	1	121.1	397	8
NS BRAND	S27 48R	NS	2.5	NS	16.7	16.7	1	121.0	395	9
NS BRAND	S25 48R	NS	2.5	NS	16.4	16.4	1	123.1	394	10
KRUGER	K24 2875	NS	2.7	NS	16.8	17	1	125.3	393	11
PIONEER	P2847R GC	NS	2.5	NS	16.6	16.6	1	126.7	376	12
LATHAM	L 2840	NS	2.6	NS	17.0	17.0	1	124.1	374	13
CRISGEN	C2 2840	NS	2.5	NS	16.6	16.6	1	125.8	364	14
TITAN PRO	2840	NS	2.5	NS	16.5	17.0	1	124.8	362	15
HEFTY	H2840	ES	2.7	NS	16.2	16.2	1	127.7	358	16
TITAN PRO	2840	ES	2.7	NS	17.0	17.0	1	122.8	355	17
FE HIBOY	HE 2840	NS	2.5	NS	16.2	17.0	6	123.8	355	18
CHAMPION	2840	NS	2.6	NS	17.0	17.0	1	124.5	354	19
STINE	2740	NS	2.7	NS	17.0	17.0	1	125.3	352	20
CHAMPION	2840	NS	2.7	NS	17.0	17.0	1	122.3	352	21
KRUGER	K24 2875	NS	2.5	NS	17.4	16.2	1	127.3	350	22
KRUGER	K24 2875	NS	2.6	NS	17.4	16.3	1	123.1	349	23
CRISGEN	C2 2840	NS	2.6	NS	17.0	17.0	1	125.5	348	24
CRISGEN	C2 2840	NS	2.5	NS	17.0	16.8	1	125.3	348	25
LATHAM	L 2840	NS	2.5	NS	16.9	16.5	1	123.8	348	26
KRUGER	K24 2875	NS	2.6	NS	16.8	17.0	1	121.8	333	27
FE HIBOY	HE 2840	NS	2.5	NS	17.5	14.8	1	125.5	317	28
HORSEMEYER	2740 NS	NS	2.7	NS	17.1	17.0	1	125.3	312	29
GOLDEN HARVEST	2840	NS	2.7	NS	16.7	17.0	1	124.1	308	30
AGRIUM	AG2840	NS	2.4	NS	16.3	16.3	1	121.1	307	31

REJECTED

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Averages = **41.0** **16.5** **2** **124.4** **346**
LSD (0.10) = 9.1 0.9 6
LSD (0.25) = 4.8 0.4 3
C.V. = 21.0

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

† 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

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 (42 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 2597 E3	E3	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

Company/Brand	Brand/Product	Technology	RM	SCN
PIONEER	P27T59R GC	RR	R	2.7
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