



MONDAY, APRIL 8, 2024 CRESTON LIVESTOCK AUCTION 6:30 P.M.

Phenotypic Feed Efficiency

Understanding Data Outputs

Production efficiency is one goal in the selection and development of livestock; however, there are two underlying philosophies from which one may define "efficient" and direct future outcomes.

The first is *maintenance* efficiency. This is of primary importance in those cow herds where an efficient cow is considered one that can subsist on low inputs and yet provide a respectable calf each year. The second is *production* efficiency which generally is applied to feedlot cattle where the goal is minimal pounds of feed and maximum edible pounds of output. These two efficiencies may not be the same because low maintenance cows might tend to be easy fleshing and earlier maturing while the feedlot efficient counterparts may be larger, leaner and faster growing.

Feed efficiency is defined in many ways including the newer terms of RFI (residual feed intake) and R-ADG (residual average daily gain.) A discussion of these methods follows descriptions of the simpler efficiency evaluations.

Fed	5/18/2010	through	//2//2010		70	days						
						12 Rib						
RADG Rank	Ear Tag	Start Wt.	End Wt.	ADG	R-ADG 4	Fat Cover	DMI	Adj. DMI ⁵	RFI ³	RFI Rank	Raw F:G 1	Adj. F:G
1	HA403	800	969	2.42	0.86	0.41	19.1	-1.7	-1.79	2.00	7.91	8.39
2	HA08	942	1136	2.76	0.23	0.50	20.9	0.4	-1.07	3.00	7.57	7.34
3	HAJ73	984	1187	2.89	0.16	0.62	24.8	0.3	2.46	8.00	8.56	8.10
4	HA15	920	1118	2.83	0.00	0.41	23.3	0.7	1.41	6.00	8.23	8.07
5	HA6432	816	923	1.53	-0.03	0.44	21.9	1.1	1.65	7.00	14.37	15.36
6	HA35	982	1161	2.55	-0.13	0.51	19.8	0.8	-2.20	1.00	7.77	7.40
7	HA85	1058	1181	1.75	-0.46	0.80	21.4	-0.8	-0.39	4.00	12.22	11.33
8	HA04	746	807	0.86	-0.63	0.19	19.2	-0.9	-0.07	5.00	22.43	25.51

Feed Conversion¹ (F:G) = pounds of feed (on a 100% dry matter basis) required for one pound of live weight gain

(Feed Dry Matter / Weight Gain.)

Generally this measure is used in commercial feedyards to indicate efficiency. This value makes no adjustment for diet energy content or age/weight differences in measured animals. It's simply raw pounds of feed required per raw pounds of weight retained. Because of this, it is proper to use this type of measure only with cattle of similar age on the same ration. A lower value is desired.

Feed Efficiency (G:F) = pounds of live weight gain observed per unit of feed dry matter consumed. This is the reciprocal of "Feed Conversion" and has the same issues. These terms often are used interchangeably and allow users to arrive at the same conclusion. A higher value is desired.

Adjusted Feed Conversion² This value is the base Feed:Gain value multiplied by the contemporary group's metabolic weight divided by the individual's metabolic weight. The formula is as follows:

(Group Avg Wt .75 / Individual Wt.75) x Individual's Feed to Gain.

Note that this adjustment attempts to remove the age or size differences of the animal when put on test. This currently is the standard of feed conversion efficiency used by the Beef Improvement Federation. A lower value is desired.

RFI³ (Residual Feed Intake): This is defined as the difference between actual feed intake and that predicted on the basis of the animal's gain and maintenance requirements for its body weight. The calculation is more complex because mathematical statistics are used to determine the RFI value. A prediction equation is developed by using regression of the actual feed intakes, gains and average weights on test of the animal's contemporaries. The calculation factors in both maintenance efficiency (the easy keeper concept) and production efficiency (pounds in vs. pounds out like the normal Feed:Gain equation).

An average animal would have an RFI of "0". Animals with a negative RFI value are favored because they have consumed less feed for their weight and gain than

the average of their herd mates. Animals with a positive RFI number would be consuming more feed for their weight and gain than the average of their herd mates.



Measurement of individual intake

For the RFI calculation to be relevant in the evaluation of potential breeding stock, it's of utmost importance that it be calculated in the context of the weaning contemporary group and used in index selection (multitrait selection.)

This is important because the pre-weaning environment, pasture management, creep feed availability and age of dam (milking ability as seen between first calf heifers and older cows) has been shown to have a marked effect on the feed conversion outcomes in lowa State

University trials. This issue is not seen in the same light by all because it appears that many centralized test stations tend to create a "feeding contemporary group" and evaluate cattle in that context. For this reason test stations try to equalize pre-test environments by having a 3-to-5 week warm-up period.

R-ADG⁴ (Residual Average Daily Gain): This is defined as the difference between actual weight gain and the gain predicted on the basis of dry matter intake, maintenance of body weight and fat cover. Like RFI, a regression equation is developed using the actual gains, feed intakes, average weights on test and fat cover of an animal's herd mates. This unique equation is then used to calculate the individual R-ADG.

An average animal has an R-ADG of "0." Animals with a positive R-ADG value are favored because they have higher daily gains for the amount of feed consumed and their body composition (% fat.) Animals with a negative R-ADG value are unfavorable because they have lower daily gains for the amount of feed consumed and their body composition. Again like RFI, relevance of this evaluation depends on a comparison of animals from the same weaning contemporary group or put through a substantial warm-up period prior to their feed intake and gain test.

Adj. DMI⁵ (**Adjusted Dry Matter Intake**): This is defined as the feed dry matter intake adjusted by multiplying the contemporary group's average mid-point metabolic weight, and then dividing by the individual's mid-point metabolic weight. The final value is the difference by subtracting out the contemporary group average. A lower value is desired.

Comparison of feed efficiency terms

Method	More Desirable	Less Desirable	Difference
Raw F:G – Raw Feed Conversion: usually on dry matter basis (lbs feed/ lb of gain)	Lower values	Higher values	Example:
	Example: 4.5 lbs	Example 7.5 lbs	3.0 lbs of feed
Adj. F:G – Adjusted Feed Conversion: usually on dry matter basis (lbs feed/lb of gain)	Lower values	Higher values	Example:
	Example: 4.5 lbs	Example: 6.5 lbs	2 lbs of dry matter
RFI – Residual Feed Intake: usually on dry matter basis	Negative values	Positive values	Example:
	Example: -1.7	Example: +1.5	3.2 lbs of feed
R-ADG – Residual Average Daily Gain: usually on lbs gained per day	Positive values Example: +0.86	Negative values Example:63	Example: 1.49 lbs of aver- age daily gain
Adj. DMI – Adjusted Dry Matter Intake: should be on dry matter basis	Negative values	Positive values	Example:
	Example: -0.9	Example: +0.8	1.7 lbs of feed

File: Animal Science 11

Prepared by Garland Dahlke, Daryl Strohbehn and Sherry Hoyer, Iowa Beef Center, Iowa State University.

IOWA STATE UNIVERSITY University Extension

... and justice for all

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Feed Efficiency

								0					
Ear Tag	Feed Cost per Pound of Gain (\$0.125/lb. DM)	Cost of Gain x 600 lbs.	Cost of Gain Rank	RADG	RADG Rank	RFI	RFI Rank	11/10/23 Start Wt.	2/8/24 End Wt.	ADG	DMI	Raw F:G	Adj. F:G
101	\$0.873	\$523.64	31	-0.29	30	1.62	27	640	981	3.78	23.9	6.32	6.98
102	\$1.036	\$621.65	39	-0.95	39	-0.97	14	672	885	2.36	16.4	6.95	8.29
103	\$0.843	\$505.53	30	-0.30	32	2.86	36	879	1244	4.06	29.6	7.30	6.74
104	\$0.751	\$450.70	16	0.11	16	1.13	23	822	1222	4.45	28.6	6.42	6.01
105	\$0.757	\$454.05	17	0.21	11	2.46	34	819	1243	4.71	30.9	6.55	6.05
106	\$0.713	\$427.65	11	0.14	13	-1.90	12	852	1213	4.01	24.3	6.06	5.70
107	\$0.688	\$412.86	7	0.20	12	-3.00	6	719	1074	3.95	21.1	5.34	5.50
110	\$0.944	\$566.70	36	-0.69	38	2.49	35	853	1159	3.40	26.4	7.76	7.56
111	\$0.705	\$423.09	9	0.11	15	-2.65	8	802	1151	3.88	22.3	5.76	5.64
112	\$0.627	\$376.45	3	0.55	4	-4.08	5	674	1059	4.28	20.6	4.82	5.02
113	\$0.767	\$460.49	21	-0.18	27	-2.48	10	741	1046	3.39	19.8	5.84	6.14
115	\$0.722	\$432.91	13	0.09	17	-2.54	9	745	1084	3.77	21.2	5.64	5.77
116	\$0.707	\$423.93	10	0.37	7	-0.42	17	750	1159	4.54	26.4	5.80	5.65
117	\$0.739	\$443.27	15	0.28	8	1.70	28	807	1231	4.72	29.9	6.35	5.91
118	\$0.702	\$421.21	8	0.44	6	-0.94	16	664	1069	4.51	24.4	5.43	5.62
119	\$0.969	\$581.12	38	-0.64	37	6.13	39	794	1150	3.96	31.3	7.91	7.75
120	\$0.917	\$550.10	33	-0.29	31	2.32	33	547	885	3.76	23.1	6.15	7.33
121	\$0.549	\$329.14	1	1.13	1	-5.46	1	685	1132	4.97	22.0	4.43	4.39
122	\$0.816	\$489.45	25	-0.27	29	2.17	31	940	1305	4.06	29.7	7.32	6.53
123	\$0.759	\$455.15	18	-0.04	20	0.19	18	888	1258	4.12	27.3	6.62	6.07
124	\$0.820	\$491.78	26	-0.12	24	1.82	29	729	1100	4.13	26.7	6.47	6.56
125	\$0.832	\$499.23	29	-0.16	26	1.23	24	694	1047	3.93	24.9	6.33	6.66
126	\$0.795	\$477.25	24	-0.02	19	0.43	20	722	1080	3.98	24.7	6.20	6.36
127	\$0.766	\$459.54	20	-0.24	28	-2.72	7	712	1011	3.33	18.9	5.68	6.13
128	\$0.825	\$494.80	27	-0.11	22	0.51	21	605	953	3.87	22.6	5.85	6.60
129	\$0.644	\$386.21	4	0.28	9	-4.46	3	886	1241	3.94	21.9	5.56	5.15
130	\$0.770	\$461.78	22	0.14	14	0.78	22	680	1069	4.32	25.7	5.95	6.16
138	\$0.663	\$397.97	5	0.85	3	1.41	25	743	1244	5.57	32.0	5.74	5.31
143	\$0.725	\$434.99	14	-0.15	25	-4.22	4	715	998	3.15	16.8	5.32	5.80
144	\$0.669	\$401.31	6	0.46	5	-2.37	11	732	1126	4.38	23.5	5.37	5.35
148	\$0.951		37	-0.48	34	5.37	38	723	1083	4.01	29.7	7.42	7.60
149	\$0.828	\$497.03	28	0.02	18	1.57	26	591	963	4.13	24.5	5.92	6.63
150	\$0.920	\$552.24	35	-0.35	33	5.14	37	720	1093	4.14	30.0	7.23	7.36
155		\$335.47	2	1.00	2	-5.30	2	865	1300	4.83	24.2	5.00	4.47
156	\$0.716	\$429.84	12	0.21	10	-0.96	15	854	1234	4.23	26.1	6.17	5.73
157		\$547.74	32	-0.55	35	1.93	30	808	1122	3.49	25.5	7.32	7.30
158		\$458.42	19	-0.09	21	-1.25	13	820	1157	3.75	23.5	6.27	6.11
160		\$550.70	34	-0.57	36	2.21	32	827	1142	3.51	26.1	7.45	7.34
161		\$471.68	23	-0.12	23	0.26	19	784	1141	3.97	25.3	6.38	6.29
Avg	\$0.781	\$468.39	20	0.00	20	0.00	20	756	1119	4.03	24.9	6.21	6.25
Min		\$329.14	1	-0.95	1	-5.46	1	547	885	2.36	16.4	4.43	4.39
Max		\$621.65	39	1.13	39	6.13	39	940	1305	5.57	32.0	7.91	8.29
	7 2.000	, 10 3									20		

Angus Bulls

86 704

101

12

144

REA ADJ 144.8 13

205 WT

776

110

ACT WT 205 RATIO

1222 98

4.45

12.5 150

6.12 -2.15 3.16 -3.39

ADG ADG RATIO

%RP RETAIL ADJ

64.00 -3.28

3.84 -2.74

4.06

SUMMIT RAINDANCE 2329

Bull 20740620 Tattoo: 2329 ACT WT 205 RATIO 1244 89 Birth Date: 2/11/23

Consignor: Summit Farms

COLEMAN CHARLO 0256 SAV RAINDANCE 6848 SAV BLACKCAP MAY 4136

ANGUSGS

NICHOLS CHARCELLOS D78 Dain SUMMIT BLACKCAP 2087
SUMMIT MS BLACKCAP E29

CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W	
5	2.2	60	108	3	23	55	39	54	1
\$F	\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA	Т
93	30	123	199	-11	49	0.29	0.050	0.57	

If you're looking to add pounds to your calf crop make sure to look. Big weaning weight and did it with no creep feed.



SAV RAINDANCE 6848 - SIRE OF LOT 103 & 104



UMIIT RAINDANCE 2345

Birth Date: 2/6/23 Bull 20740619 Tattoo: 2345

Consignor: Summit Farms

Size SAV RAINDANCE 6848

COLEMAN CHARLO 0256 SAV BLACKCAP MAY 64136

ANGUSGS

NICHOLS STANDARD A435

Dam NICHOLS QUEEN MOTHER D280 **NICHOLS QUEEN MOTHER A 397**

CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W	П
18	-2.9	50	99	12	35	8	72	65	1
\$F	\$G	\$B	\$C	\$EN	CWT	MARB	BF	REA	П
82	40	122	230	6	40	0.41	0.044	0.79	

A calving ease bull that will still add pounds at weaning.



DEER VALLY GROWTH FUND - SIRE OF LOT 105

SUMMIT GROWTH FUND 2354

Bull 20740624 **Tattoo:** 2354 Birth Date: 2/11/23

ACT BW 205 WT

1243 100

ADG

4.71

36

12.5 137.5

138.3 14.0 %RP RETAIL AD

ACT BW 205 WT

1074 119

ADG RATIO

98

ADG

3.36

38.5 10

PELVIC WIDTH PELVIC PI

11.5 115

PELVIC AREA REA AD

126.3 14.6

%RP RETAIL AD

67.56 -1.37

75 864 ACT WT 205 RATIO

REA AD

92 820

Consignor: Summit Farms

BASIN PAYWEIGHT 1682 Sing DEER VALLY GROWTH FUND **DEER VALLEY RITA 36113**

ANGUSGS

BROOKING BANKNOTE 4040 Dain SUMMIT PRIDE 2047

NICHOLS PRIDE D429

CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W
2	3.8	92.0	158	9	25	87	67	78
\$F	\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA
126	42	168	285	-28	74	0.47	0.023	0.61

The Growth Fund son that will add value to your calf crop. Top 2% for weaning and yearling EPD's. He's one that you can feed his sons with a lot of growth and keep his daughters to make great replacements.



LB STUNNER 329

Birth Date: 3/25/23 Bull 20745918 Tattoo: 329

Consignor: Spencers Grove Farm

MUSGRAVE 316 STUNNER Size CARTER STUNNER 1961 RJ HCC KEYMURA KATY 219G

ANGUS GS

Dain LB KARMEN 429

PA POWER TOOL 9108

BTC KARMEN 215

CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W
5	1.4	58.0	88	4	26	40	66	62
\$F	\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA
65	60	124	227	-5	33	0.90	0.052	0.45

Good Stunner bull from the line of Musgrave and Carter Stunner sires with good





Consignor: DLR Farm

JINDRA BLACKOUT JINDRA BRILLIANCE 479 JINDRA BLACKBIRD LASSY 7142

ANGUS GS

SFA WAR PARTY 10

Dain DLR BLACKCAP JUDY 6311

SF BLACKCAP JUDY 3111

CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W	П
6	0.8	69.0	116	9	26	100	38	63	1
\$F	\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA	П
114	43	157	242	-35	64	0.44	0.021	0.73	

Lot #110 is a docile solid footed bull with an extra rib! His Werner War Party dam is a very docile and strong milking cow with a near perfect udder. Be sure to give him a look if you're looking to put some length and frame in your replacement heifers and feeder cattle.

	Name of the Land
HOAVER	Manual Ma
MOGCK FME	PIRE 110 - SIRE OF LOT 113

DLR PERFECTION L86

Birth Date: 3/5/23 Bull 20760809 Tattoo: J86

Consignor: DLR Farm

JINDRA PERFECTION JINDRA PERFECTION 826 2340 JINDRA ELBA J664 826

ANGUS GS

JINDRA BRILLIANCE 479 Dain DLR ELINE BECKY J869

DLR ELINE BECKY 8693

CED	BW	ww	YW	CEM	MM	MWW	ŞM.	ŞW.	%RP	RETAIL ADJ
1	3.6	69.0	118	14	17	45	64	54	66.07	-2.17
\$F	\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA	MARB	ADJ MARB
86	44	130	233	-2	46	0.46	-0.017	0.51	3.2	-3.36

Wow! Lot #111 is an attractive, thick made, stylish bull that is correct on all four corners. He's been a treat to be around since he was baby and handles very nicely. He will put pounds in your calf crop and add plenty of eye appeal! He is in the right condition to cover cows and will come back from breeding looking like the bull you bought.



84

92

PELVIC HEIGH

12 PELVIC PM

12.0 144

153.8 14.3 66.49 -1.95

ACT BW 205 WT

67 759

ACT WT 205 RATIO

1151 109

3.88 96

PELVIC WIDTH PELVIC PM

12.5 150

PELVIC AREA REA ADJ

156.3 13.5

84 650

1059 100

4.28 106

155.8 14.6

3.33

WDA RATIO

86

PELVIC HEIGH

87

12

RETAIL ADJ

3.39

38

OTTO DYNASTY 305

Birth Date: 4/2/23 Bull 20689964 Tattoo: 305 74 699

ACT WT 205 RATIO

1046 108

3.39 84

3.35 86

9.5 80.8

PELVIC AREA REA ADJ

MARB ADJ MARE

PELVIC WIDTH

94

%RP

8.5

PELVIC PN

12.3

RETAIL ADJ 65.95 -2.24

Consignor: Otto Cattle Company

MOGCK FORTRESS 517 Size MOGCK EMPIRE 110 MOGCK ERALINE 1748

ANGUS GS

DIABLO DELUX 1104 Dam BLKCP EMPRESS ELLSTON Z159 BLKCP EMPRESS ELLSTON L265

CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W
9	1	90.0	161	10	20	110	60	75
\$F	\$G	\$B	\$C	\$EN	CWT	MARB	BF	REA
103	78	181	295	-37	67	1.12	0.015	0.72

Dam ratios BR 1-95 WR 1-108

Phenomenal growth EPDs on this bull combined with heifer safe calving ease! Top 3% WW, Top 2% YW, and Top 4% RADG. His sire, Mogck Empire, was the high-selling bull on the Mogck and Sons Angus 2021 sale. He offers high calving ease and tremendous growth. His dam has a perfect udder, nice disposition, and bred back first service while raising this whopper of a bull calf. She is also a maternal sibling to the powerful Hoover Know How.



OTTO CONSTITUTION 304

Birth Date: 3/27/23 Bull 20693345 Tattoo: 304

Consignor: Otto Cattle Company

Sire POSS RATIFIED

POSS RAWHIDE

POSS RITA 5116

ANGUSGS

SCHIEFELBEIN ATTRACTIVE 4565

Dam BROOKDALE PRIDE 511

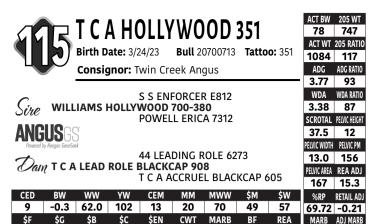
CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W	%RP	RETAIL ADJ
12	0.9	85.0	143	10	28	73	76	85	68.37	-0.94
\$F	\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA	MARB	ADJ MARB
113	68	181	311	-23	68	0.94	0.037	0.81	3.68	-2.89

Dam ratios BR 1-107 WR 1-100

Nicely balanced bull! High calving ease, tremendous growth and carcass EPDs, and Top 1% docility make this a bull to take a good look at! He is sired by the sought after Poss Ratified, the second high-selling bull on the 2022 Poss Angus sale. He offers a great combination of fleshing ability, \$Maternal, and end product merit. His dam, sired by Schiefelbein Attractive, is a very docile young cow that did a great job raising him as her first calf and still bred back first service.



POSS RATIFIED - SIRE OF LOT 112



49 A very balanced trait Hollywood son. Will make great replacement females. Excellent foot scores, docility, and other maternal traits.

98

49

147

240

-17

0.54 |-0.006 | 0.68 | 4.73 | -1.87



Heifer safe. Bulls that cover all the bases are hard to find. This bull does it all! Dam is a great producer for us. \$C 343 Top 2%.

CWT

ŚF

115

ŚG

82

ŚΒ

ŚC

198 331

ŚEN

-18

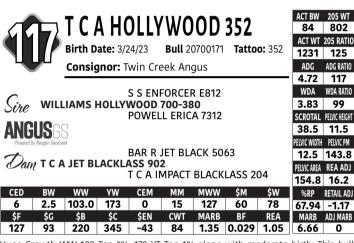
MARB

BF

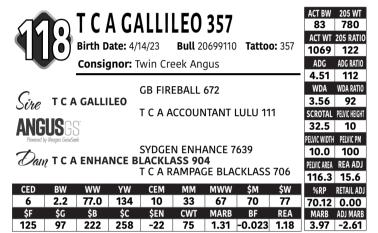
REA

69 | 1.02 | -0.012 | 1.29 | 5.28 | -1.34

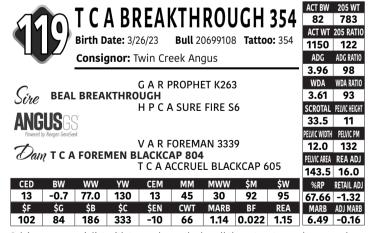
MARB ADJMARE



Huge Growth WW 103 Top 1%, 173 YT Top 1% along with moderate birth. This bull does it all! Check out his carcass and maternal traits. \$C 345 Top 2%. Our top bull for weaning weight at 802 lbs. We do not creep feed.



All facets of beef production covered in this young bull. Birth all the way to the rail plus maternal excellence. This is all summed up in his Top 1% rank for \$C 362.



Calving ease specialist with top end growth plus all the extras top end carcass along with maternal. His 95\$ m Top 2% and \$C 348 Top 2%.



KLB RESOLVE 3568

Bull 20754760 Tattoo: 3568

Consignor: Brandt Farms

SYDGEN MULTI TOOL 2432 **SYDGEN RESOLVE 7132** SYDGEN DIXIE ERICA 5104

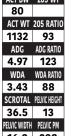
ANGUS

EXAR TURNING POINT 3510B Dain EXAR BLACKCAP 5686

EXAR BLACKCAP 1703

BW	ww	YW	CEM	MM	MWW	\$M	\$W	Ш
								6
\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA	
56	149	236	-32	47	0.82	0.023	0.31	
	3.4 \$G	3.4 61.0 \$G \$B	3.4 61.0 122 \$G \$B \$C	3.4 61.0 122 2 \$G \$B \$C \$EN	3.4 61.0 122 2 38 \$G \$B \$C \$EN CWT	3.4 61.0 122 2 38 80 \$G \$B \$C \$EN CWT MARB	3.4 61.0 122 2 38 80 43 \$G \$B \$C \$EN CWT MARB BF	3.4 61.0 122 2 38 80 43 55 \$G \$B \$C \$EN CWT MARB BF REA

Out of our Blackcap donor from Express and SydGen, this bull blends the best of both worlds into a stout, eye appealing and docile package. Sired by our resident herd sire Resolve that works for us, Sydenstricker Genetics and ST Genetics, you can count on the predictability bred into this one. Class up a set of feeder steers or replacement females in one generation with this guy!



WDA	WDA RATIO	
3.43	88	
SCROTAL	PELVIC HEIGHT	
36.5	13	
PELVIC WIDTH	PELVIC PM	
16.0	208	
PELVIC AREA	REA ADJ	
216.8	12.8	

10.0	200	
PELVIC AREA	REA ADJ	
216.8	12.8	
%RP	RETAIL ADJ	
65.46	-2.50	
MARB	ADJ MARB	
3.65	-2.92	

3.61

35.5 11.5 PELVIC WIDTH

62.72 -3.97

PELVIC PM

Consignor: Wiederin Angus Farm

WAF CONFIDENCE PLUS 2k

Birth Date: 2/25/23 Bull 20653224 Tattoo: 2k

CONNEALY CONFIDENCE PLUS **BA7 OAKS CONFIDENCE PLUS J11 ERICA OF ELLSTON T220**

ANGUS GS

BA REMEMBER ME 603

Dam WAF BARBARA ROSE 94 WAF BARBARA ROSE 50

CED	BW	WW	YW	CEM	MM	MWW	\$M	\$W
9	0.4	64.0	112	13	34	43	82	72
\$F	\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA
92	44	136	258	-11	54	0.53	0.027	0.52

W 80 lbs., ADJ WW 765. Dam has two calves 104 ratio. A calving ease prospect with high M & W values along with Top 1% docility. Sire J11 is a flushmate to Alta Genetics lead off Bull Bold Ruler out of the great Hoover bred T220 cow.

Online Bidding Available at:







WAF NO DOUBT 3K

Bull 20653221 Tattoo: 3K

Consignor: Wiederin Angus Farm

HOOVER NO DOUBT Size 7 OAKS MULTIVISION ERICA OF ELLSTON M38

ANGUSGS

MOHNEN SOUTH DAKOTA 402 Dain WAF BARBARA ROSE 65 WAF BARBARA ROSE 39

79.0 137 31 72 MARB 1.02 0.040 0.72 166 287 -24 61

BW 83 lbs., ADJ WW 814, Ratio 106 Dam has six calves 99 WW ratio. Top 15% for WW and YW Top 20% for marbling, W, combined \$C values for the entire breed. Maternal granddam Rose 39 is also granddam of Lot 123. Barbara Rose cow line has been a stellar line in our program for almost 80 years.



AF MAGNUM A18084 - SIRE OF LOT 124

CMF MAGNUM P40

Birth Date: 3/24/23 Bull 20775765 Tattoo: P40

Consignor: Carmar Farms

MEAD MAGNITUDE Sire AF MAGNUM A18084 AF MISS ANNIE 4051

CMF SS OBJECTIVE T05 Dain CMF BLACK PERFECTION LOS CMF BLACK PERFECTION T85

									132
CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W	%RP
14	-1.7	79.0	138	12	28	NA	68	72	66.21
\$F	\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA	MARB
102	59						0.013		

This AF Magnum son is showing real promise and ranks in the Top 5% of the breed in CED and BW and is in the Top 15% in WW and YW. His sire tout's impressive numbers, balancing an individual birth ratio of 96 with a weaning ratio of 105, a yearling ratio of 103, a %IMF ratio of 133, and a URE ratio of 111. There is no doubt this Magnum son will deliver power and performance to your cow herd.

1305 106 4.06 101 WDA 14.0 175

1100

11.0 121

13.6 RETAIL AD

CMF MAN IN BLACK P44 Bull 20775993 Tattoo: P44 Birth Date: 3/26/23

Consignor: Carmar Farms

BAR R JET BLACK 5063 LAR MAN IN BLACK JMB MAXINE TG 2131

ANGUSGS

Dain CMF ELBA B40

H&K IMPRESSIVE

CMF ELBA T45

CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W
7	1.5	77.0	130	12	23	82	60	66
\$F	\$G	\$B	\$C	\$EN	CWT	MARB	BF	REA
104	54	158	265	-26	53	0.71	0.029	4.00

This Man in Black son is showing real promise and ranks in the Top 20% of the breed in WW and CEM and is in the Top 15% in MH and YH. His sire is an impressive individual performer with a 791 WW (125 ratio), 1,489 YW (118 ratio), 5.54 IMF (107 ratio), and 15.0 RE (113 ratio) and also has an imposing phenotype making for a stout power bull package.



LAR MAN IN BLACK - SIRE OF LOT 125



Birth Date: 4/2/23 **Bull** 20775775 **Tattoo:** P69

Consignor: Carmar Farms

SYDGEN ENHANCE Sine SS ENFORCER E812

SS MISS DAYBREAK K011 3K17

ANGUSGS

CMF QUIET LAD Z04 Dam CMF BLACKCAP G80

CMF BLACKCAP B53

CED	BW	ww	YW	CEM	MM	MWW	\$M	\$W
3	1.4	69.0	132	6	32	78	54	62
\$F	\$G	\$B	\$C	\$EN	CWT	MARB	BF	REA
98	66	164	267	-28	48	0.86	-0.003	0.70

89 ACT WT 205 RATIO 1080 3.46 89 35 10.5 PELVIC WIDTH PELVIC PM 10.5 110.3 PELVIC AREA REA ADJ 123.5 13.0 RETAIL ADJ 66.83 -1.76

ACT BW 205 WT

674

WDA RATIO

1047 104

12.0 132

143.5 12.8 66.06 -2.18 MARB ADJ MARB 2.92 -3.63

3.93

WDA

3.28

This Enforcer son is showing real promise and ranks in the Top 5% of the breed in YH and also is in the Top 20% in RADG, Milk, MH, and YW. His sire tout's impressive numbers and are in the Top 10% of the breed in WW, YW, RADG, Marb, Fat, \$AxJ, \$G, and \$C. There is no doubt this Enforcer son will deliver power and performance to vour cow herd.



SS ENFORCER E812 - SIRE OF LOT 126

IHCC WARRIOR 3031 Birth Date: 2/19/23 Bull 20793533 Tattoo: 3031 1241 Consignor: Indian Hills Community College 3.94 98 WDA WDA RATIO **GAR DISCOVERY 4737H** Size E&B WILDCAT 9402 3.51 90 E&B LADY PLUS 643 SCROTAL PELVICHEIGH **ANGUS**GS 34.5 12 PELVIC WIDTH PELVIC PM SAV PRESIDENT 6847 12.0 144 Dain SAV WARRIER 031 ELVIC AREA REA ADJ **IHCC ELLIE 31** 146.8 14.2 69.0 124 25 NA NA 56 65.60 -2.43 REA CWT

This Wildcat son will bring good spread and calving ease. His genetics trace back to the Werner Family Angus lines and have been improved through an Al-only program facilitated by IHCC Ag students since 2012.

NΑ

NA

NA

NΑ

NΑ

NA NA



Consignor: Brandt Farms

SYDGEN MULTI TOOL 2432 Size SYDGEN RESOLVE 7132 SYDGEN DIXIE ERICA 5104 **ANGUS**

S A V PEDIGREE 4834 Dain RC PRIMROSE LADY 22 R C PRIMROSE LADY 33

CED	BW	WW	YW	CEM	MM	MWW	\$M	\$W	9
6	2.6	69.0	118	4	36	65	69	71	68
\$F	\$G	\$В	\$C	\$EN	CWT	MARB	BF	REA	М
75	70	145	257	-23	40	0.87	0.011	1.09	5.

A pedigree loaded with performance, longevity and style! This bull has been a looker since day one and has done nothing but get better since. Boasting a solid EPD profile to go along with everything else, here is a bull that can do a lot of good for a lot of programs. Mother has been a solid producer for us and looks to be around for a long time. Bid and buy with confidence here!

Gelbvieh Bull

ACT BW 205 WT **017L413 Birth Date:** 4/12/23 103 821 Bull AMGV1575644 Tattoo: 017L413 ACT WT 205 RATIO 1126 100 Consignor: Trip E LLC 4.38 109 WDA WDA RATIO **BASIN PAYWEIGHT 0065 BASIN PAYWEIGHT 1682** 3.73 96 21 AR O LASS 7017 SCROTAL PELVIC HEIGHT 36 11 PELVIC WIDTH PELVIC PM JRI TOP GRID 254T725 12.0 132

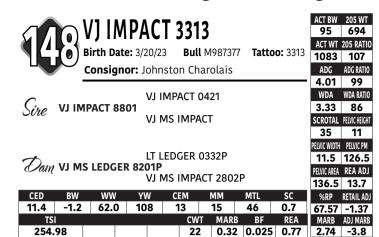
 Cam
 JRI MS TOPPSY 017W90
 PELVIC AREA REA ADJ

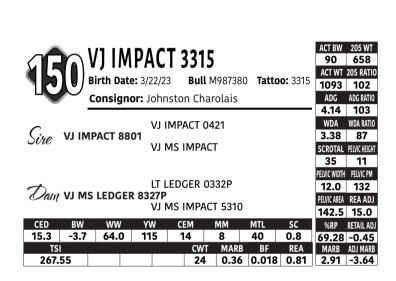
 JRI MS STAR BRIGHT 017M8
 147.8
 15.9

 CED
 BW
 WW
 YW
 CEM
 MM
 TM
 %RP
 RETAIL ADJ

							147.8	15.9
CED	BW	WW	YW	CEM	MM	TM	%RP	RETAIL ADJ
12	-0.7	72.0	107	7	28	64	69.77	-0.19
\$Cow	FPI	EPI	CWT	MARB	BF	REA	MARB	ADJ MARB
105.17	79.43	90.26	43	0.25	0.000	0.54	2.9	-3.65

Charolais Bulls





Simmental Bulls

93 785

1300 121

WS MO-HAWK II 44PYL Birth Date: 3/5/23 Bull 4246702 Tattoo: 44PYL

Consignor: Wolfe Simmentals

CED	BW	WW	YW	CEM	MM	MWW	STAY
7.7	2.9	96.9	152	2	25	74	13.1
API	TI	TM	CWT I	MARB BF	REA		
111 E	01 E		24	016 00	0E 0 72		

collected has been sold. All the DNA work has been done to sell semen on this bull. He tested homozygous black and homozygous polled. We are selling full possession and retaining 50% semen interests. His Dam has an average weaning weight ratio of 112 on 10 calves Black blaze face

	,							ADO	אוואוויטים
	-							4.83	120
_			UPGF	RADE				WDA	WDA RATIO
Stre	ALLEC	SIANCE	0, 0,	0.02				3.82	98
Some			DOUI	BLE R M	ISS 29G			SCROTAL	PELVIC HEIGHT
								38	12
								PELVIC WIDTH	
_			CONS	SERVATI	VF			12.5	150
Dam	WS 44	4MPY							
o un			WS I	RISH MO	OLLY 0			PELVIC AREA	
								156.3	
								%RP	RETAIL ADJ
CED	BW	ww	YW	CEM	MM	MWW	STAY	69.51	-0.33
7.7	2.9	96.9	152	2	25	74	13.1	MARB	ADJ MARB
API	TI	TM	CWT MA	RB BF	REA			3.31	-3.25
111.5	81.5		34 -0.	16 -0.0	85 0.73				
our top v	weaning	g weight	bull out of	a 24 he	ad conten	nporary o	group is a	full bro	ther to
he outs	tanding	and nov	v deceased	l WS Mo	-Hawk 44	PYD, on	which all	the ser	nen we
ollactad	has he	en sold	All the DNA	work ha	s heen do	ne to se	II semen i	on this	hull He

15	Birt		3/11/2	3 Bull 4 Simmer		Tattoo): 5EGL	1234 ADG	205 WT 750 205 RATIO 115 ADG RATIO
<u></u>			HIGH	I ROAD				4.23 WDA	WDA RATIO
Sire	HIGHLIF	E	MISS	SR D160	09			3.69 SCROTAL	95 PELVIC HEIGH
								38	12
7 .	WS 5XEC	-	YELL	owston	ΙE			PELVICWIDTH 12.0	PELVIC PM 144
Vain	WS 5XEC	j	WS 5	UXE				PELVIC AREA	
								%RP	14.6 RETAIL AD
CED	BW	WW	YW	CEM	MM	MWW	STAY	67.86	-1.21

Our #2 weaning weight bull out of a 24 head contemporary group tested homozygous black by GeneSeek. His dam has an average calving interval of 360 days and an average weaning weight ratio of 113 on three calves. Solid black.

24 | 0.05 | -0.075 | 0.65

WFSF LONG HAUL L083

Birth Date: 3/5/23 Bull 4241547 Tattoo: L083 Consignor: Walter Family Stock Farm

1157 98

ADG

38

150

156.3 14.6

ACT WT 205 RATIO

1141 100

3.97 98

3.41 88

13.0 | 156

36.5

CCR COWBOY CUT 5048Z TJ LAST CALL 423H

KCF BENNETT ABSOLUTE Dain WESF MISS ABSOLUTE 8E WAL CARINA G49C

CED	BW	WW	′ Y\	N (EM	MM	MWW	STAY	67
13.4	-0.7	75.	l 11	4	8	25	63	13.6	M
API	TI	TM	CWT	MARB	BF	REA			2.
126 6	22.5		26	0.45	0.003	2 0 59	7		

We love our Last Call 423H cattle! He sired last year's high-selling SimAngus bull at ICA's Tama sale. His full sibs are working for top Simmental producers all over the country. His females have great feet and udder quality and his sons are high performing and stout featured. Long Haul's full sister is working in our herd and her picture can be found in the cattle dictionary next to the term "Ideal working female." If predictable genetics is what you desire, look no further. This bull can be your utility player whether you seek replacement females, feeder calves, finishing out, or all of the above - this bull is in it for the long haul.



3.42 -3.14

MWM MEGA WIDE 2321L

Birth Date: 3/10/23 Bull 4243612 **Tattoo:** 2321L Consignor: Marchant Cattle Co.

KINNS MEGA WIDE 3316E **STAV MEGA WIDE 64G** STAV MS DOMINO 135Y

SILVERAS STYLE 9303 Can MWM MRS STYLE

7									
	CED	BW WW		Y۱	N (CEM	MM	MWW	STAY
	11.9	0.1	74.6	12	21	7	23	62	15.2
J	API	TI	TM	CWT	MARB	BF	REA		
	120 7	70 1		40	N 21	-0 020	0.56		

This half blood bull is straight from the heart of our herd. He is out of our old, blaze faced, long body, good footed Mega Wide herd bull we purchased from Stavicks out of South Dakota years ago and did a fantastic job for us. His Dam is one of our PB Angus cows we raised and has done everything we have asked of her. She is small framed, big bellied and smooth fronted just how we like our Angus cows. Year after year this cow has calves in the top end of the pen. It doesn't matter if it's replacements or bulls, she flat gets it done. 2321L will not blow you away on the number side but he is out of very good and productive cattle and will make a commercial guys dream bull in my opinion. Marchant Cattle Co. 641-275-0384 Matt Marchant



STAV MEGA WIDE 64G - SIRE OF LOT 161



30 YEARS OF LEAVING A LEGACY Funding Our Future

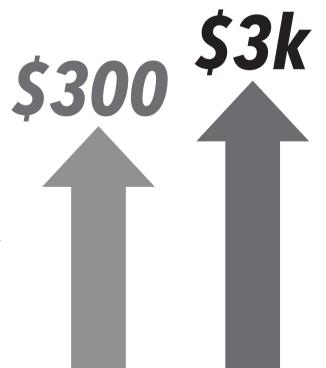
In honor of this special milestone for ICF, make a tax-deductible donation in an increment of three - \$30, \$300, \$3,000 or more.

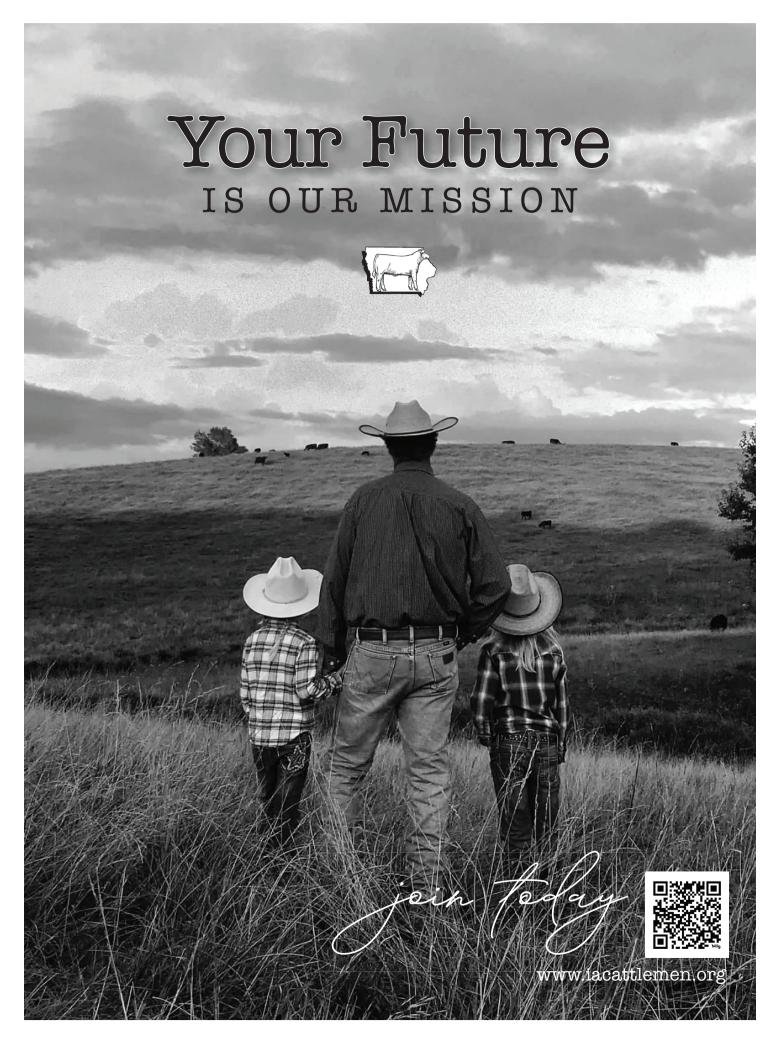
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Donations can be mailed:

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IOWA CATTLEMEN'S ASSOCIATION

Thank Jou