Dunn Ranches Annual Production Sale April 6th - Marana Stockyards @ 12 Noon



Our 2019 sale will also be broadcast on CattleUSA.com

To our Valued Buyers,

Welcome to the return of our Annual Production Sale! It has been 13 years since we last hosted a production sale. Since we sold the Rafter 6 Ranch and all but a few of the registered cows to Kemp and Judi Morris, we have been retaining as many of our heifers as possible to rebuild the herd. We feel we finally have enough bulls to offer at auction.

Our goal at Dunn Ranches hasn't changed over the years which is to provide the most useful bulls in the industry for our southwest ranches. The tools we use now are a little more refined; enhanced EPDs using DNA and feed efficiency testing and some of the old tools that still are relevant to the commercial cattleman such as ease of calving. From day one, back in the 60s, we consistently selected for low birthweight calves. Consequently, we are like most commercial ranchers in the southwest; we don't bring them in to calve. In fact, we haven't seen a calf being born in maybe 20 years. They do it themselves, including the heifers, or they don't do it at all.

You will see as you browse through the catalogue that we have been selecting for high marbling cattle. Look for the Logo (explained on p. 4) that shows you which bulls qualify for the Certified Angus Beef genetic requirements. This is another area that our ultimate customers (Restaurants and Families) are demanding; a delicious experience every time they spend their hard earned money on a steak. And it pays more every year when you sell your calves, when buyers know the cattle they buy have the genetics to provide them a premium because of how those cattle grade. We have more than 70% of our Bulls that qualify for this program!

This year's bulls have been tested on the Smartfeed feed efficiency system we installed this year. This adds a whole new dimension to how we can choose our replacement animals. There is a body of research which concludes that cattle that convert feed more efficiently on this testing method mature into animals that are more efficient in converting grass and other plants without negatively affecting growth, milk or reproduction. This is where we believe producers will have to be in the future to stay in business. This is how beef will be able to compete with other proteins.

The test was done here at the ranch in a trap that is about 100 acres. We have the feeders set up at one end of it and the water at the other end uphill via a rocky trail about ¼ mile away. The bulls have to travel back and forth every day to water. Some of them traveled twice a day. We do this so they can keep their feet in shape and do a little browsing on the Palo Verde, jojoba and cactus. This spring we have had quite a bit of winter annuals they picked at also. Their conversion rates weren't as impressive as other programs but considering the energy required to go back and forth everyday we think it provides the buyer a realistic view of what they can expect on our big southwestern ranges.

If you are unable to make it to Marana for the sale, it will be broadcast on **www.CattleUSA.com** You can either bid online or over the Sale Day phone numbers listed above. But first you need to register with CattleUSA by Thursday the 4th then either call in or bid on their website as it is being shown.

Remember, Dunn Ranches Cattle have the best guarantee in the business: 100%. Not for the first 90 days or the first season-if you are unhappy with any purchase, bring 'em back and we will either refund your money or give you credit on your next purchase.

This past fall we purchased 70 heifers from Andy and Stefanie Smallhouse's Carlink Ranch, hand-picked from a group of about 200 heifers. Carlink Ranch has been using our bulls for many years now and these heifers are daughters of those bulls. We sent in DNA samples from those heifers and will sort off the top replacements from their DNA. These cow prospects will have superior genetics for calving ease, stay ability, efficiency, and weaning weight. They will be sold in groups of 5 head after the bull sale. This will be an opportunity to improve your herd from both the sire and dam side. The Carlink calves nearly always top the Superior Livestock sales for their weight class. This March they beat the market by .15 cents per pound for their steers.

We always offer free delivery of purchased animals. Just give us a day or two to make it happen.

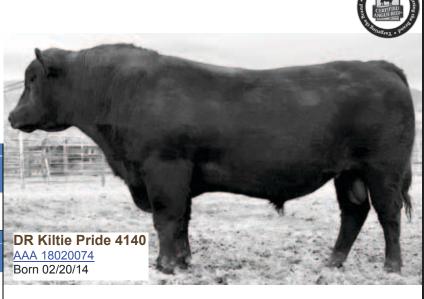
If you have any questions between now and the sale, call **Bill** at **520-560-0721**.



Herd Sires:

DR KILTIE PRIDE 4140: He is our senior herd sire. We chose him to be a sire because of his superior EPDs for efficiency (RADG top 20%, DMI top 15% and \$EN top 10%) as well as his outstanding carcass numbers that put him in the top 2% for \$Feedlot, top 10% \$ Quality Grade and top 4%\$ Yield Grade of all Angus bulls. He has proven he can get his share of cows bred in our desert country and his daughters are turning out to be among our top producers.

			P	rodu	ction								ļ	Matern	al		
CED Acc % Prog	BW Acc % Prog	WW Acc % Prog	YW Acc % Prog	RAI Ac % Pro	cc 6	DMI Acc % Prog	YH Acc % Prog	SC Acc % Prog	Doc Acc % Prog	A	IP cc % aus	CEN Acc % Dau	Acc %	MkH MkD	MW Acc % Prog	Acc %	\$EN %
+7 .31 45%	+1.5 .46 55%	+43 .58 80% 28	+79 .45 75% 6	+ .3 20 4	3 % :	27 .33 15% 4	+.2 .37 75%	+.73 .52 55% 6	-5 .33 95%	: .:	1.5 22 5%	+10 .28 35%	.32		+0 .33 90%	+0 .37 75%	+15.19
			Ca	ircas	S								\$1	/alues			
CW Acc %	1	larb Acc %	RE Acc %		Fat Acc %	Ca Gi Pri	rp	Jsnd Gr Prog	р	\$W %	\$1 %	F 6	\$G %		QG %	\$YG %	\$B %
+21 .43 85%		1.05 .35 5%	+.64 .36 25%		013 .32 20%				-	+34.73 85%	+42		+56.14 2%		6.96 %	+9.18 5%	+116.96 55%

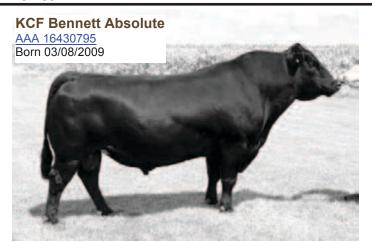




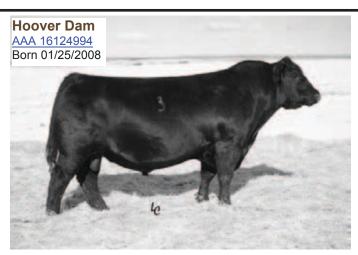
DR WAVE 1701 5126: He was chosen for the same qualities as 4140 plus he is in the top 10% for both calving ease and birthweight. A medium sized bull that moves easy and is keeping us moving in the right direction. His first daughters are becoming cows this year. Our first feed efficiency test shows 5126 calves average RFI is the best of all the bulls we used.

			P	roducti	on									Mate	nal			
CED Acc % Prog	BW Acc % Prog	WW Acc % Prog	YW Acc % Prog	RADG Acc % Prog	DMI Acc % Prog	YH Acc % Prog	SC Acc % Prog	A	oc cc % rog	HF Acc % Dau	С	CEM Acc % Daus	Milk Acc %	MkH MkD	MV Ac % Pro	c o	MH Acc % Prog	\$EN %
+12 .33 10%	-1.9 .48 5%	+29 .55 95% 18	+51 .46 95% 5	+.16 .40 75% 9	45 .40 10% 9	+.1 .39 85%	+.87 .52 45% 5		20 34 0%	+9. .23 609	3	+10 .30 35%	+21 .34 70%		.36 85 ⁰	6	+0 .39 75%	+14.05 10%
			C	arcass									\$	Value	5			
CW Acc	: <i> </i>	arb Acc %	RE Acc %	Fi Ai	CC I	Carc Grp Prog	Usnd Gr Prog	q	\$' 9		\$F %		\$G %		QG %		YG %	\$B %
+17 .44 90%		1.04 36 0%	+.61 .37 30%	.3	041 33 1%				+30	•	+6.6 95%		+52.26 5%		46.74 5%		5.52 5%	+102.53 70%

Al Sires:



				roducti	on										М	aterna				
CED Acc % Prog	BW Acc % Prog	WW Acc % Prog	YW Acc % Prog	RADG Acc % Prog	DN Ac % Pro	cc 6	YH Acc % Prog	%	cc 6	Doc Acc % Prog	Ā	HP Acc % aus	Ai 9	EM .cc % aus	Milk Acc %	MkH MkD	A	1W Acc % rog	MH Acc % Pro	° %
+11 .92 15% 2732	1 .97 25% 8133	+62 .96 25% 8006	+114 .94 20% 4280	+.29 .79 10% 190	+.0 .7 35 19	79 i%	+.1 .95 85% 2487	.9	4 %	+18 .92 40% 1197	4	10.9 .71 .5% 209	.8 45	+9 87 5% 224	+20 .87 75%	389 1264	2	-53 77 0% .56	+0 .79 75% 156	9 % 30%
			Ca	rcass											\$Valu	es				
CW Acc %	A	arb cc %	RE Acc %	Fa Ad 9	cc	Ca Gr Pro	rp	Usnd Grp Prog		\$W %		\$F %		\$0 %		\$QG %		\$Y %		\$B %
+45 .79		.75 77	+.72 .73	+.0 .7		3		1389 3812		+63.80)	+86	.43	+43	3.17	+39.4	4	+3.	.73	+156.04



				Produc	tion			Maternal									
CED Acc % Prog	BW Acc % Prog	WW Acc % Prog	YW Acc % Pro	Acc	Acc %	YH Acc % Prog	Si Ac % Pro	cc Acc	A	cc %	CEM Acc % Daus	Milk Acc %	MkH MkD	M' Ad 9 Pro	cc .	MH Acc % Prog	\$EN %
+8 .94 40% 4392	2 .98 20% 16168	+46 .97 70% 16156	+88 .96 60% 892	.71 6 209	.71 6 25%	+.1 .96 85% 3126	+.6 .9 45 33	6 .94 % 25%	65	5% 5	+8 .93 55% 8419	+24 .94 50%	1253 4615	+1 .8 70 41	86 1% 7	+0 .86 75% 416	+7.31 15%
			Carc	ass				\$Values									
CW Acc %	. A	.cc A	RE acc %	Fat Acc %	Carc Grp Prog	Usnd G Prog		\$W %		\$F %	\$1 9		\$QG %		\$YG %		\$B %
+40 .84	3.	33	79	006 .83	57 146	2651 7058		+55.33		+52.13	3 +47		+39.75		+7.70) +	146.76

Location: Sale will be held at Marana Stockyards, 14901 W Kirby Hughes Rd, Marana, AZ 85653. See map on inside back cover.

Terms & Conditions: The bulls will sell under the suggested terms and conditions as recommended by the American Angus Association. If you haven't done business with Marana Stockyards, you must call them at 520 444 7650 by Thursday April 4th to obtain a buyer number.

Live Broadcast: The sale will be broadcast live on CattleUSA. If you wish to bid on any lot through them, you must register with them by Thursday April 4th.

> Go to **www.cattleusa.com** You will be able to either bid online if you have a fast enough internet or call the sale day phone numbers below to call in your bid.

Announcements: Announcements from the auction block will take precedence over information printed in the catalog or posted online.

Sale Order: Sale will start with the bulls. They will sell in the catalog order. Commercial heifers will sell in packages of 5 per lot after the Bulls and Registered Heifers.

At the beginning of the Sale Ashley Wright, Cooperative Extension Agent for Southeastern counties will give a presentation on feed efficiency heritability, feed intake, Residual Feed Intake, and how commercial cattlemen can use these tools in their breeding operations.

Auctioneer: Rick Lehman

Veterinarian: Dr. Larry Lunt - (602) 228-1155

Sale Day Phone Numbers: Clay Parson - (520) 444-7650

Clay Buck Parson - (520) 275-0106

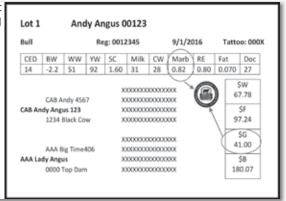


BUY BULLS ON TARGET

Genetic Recommendations:

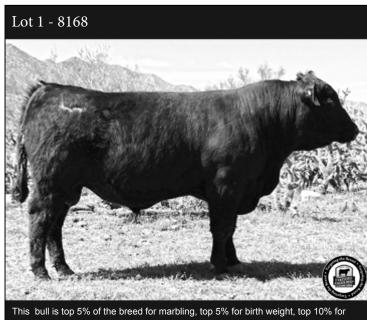
	Value
Marbling EPD (Marb)	+ 0.53
Dollar Grid Carcass Index (\$G)	+ 34.09

The Targeting the Brand logo is designed to highlight registered Angus bulls with greater genetic potential to produce calves meeting the most challenging specifications of theertified Angus Beefbrand. Bulls must be at least breed average or better for marbling EPD and \$ Grid of non-parent Angus sires to qualify for use of the Targeting the Brand logo. Even when these numbers do not appear on the catalog listing, the logo gives you confidence that these minimum genetic requirements are met. Actual EPD requirements are outlined below based on the breed averages from the Spring 2019 Angus Sire Summary.





2019 SALE BULLS



\$EN, top 4% for \$G, and top 25% for \$B. A top son of Absolute.

≮ ∦ Lot	2	DR Ab	solute 8	3123 178	3 [DDP-	AMF-C	SF]	
	Birth Dt: 02/	/03/18 An	gus GS I	3ull	192145	93	Tattoo:	8123
	CED	BW	WW	YW	RAD	Э,	DMI	ΥH
	+12 .30	+.2 .44	+61 .45	+116 .37	+.25 .	34 -	F.47 .34	+.2 .36
	SC	Doc	HP	CEM	Milk		MW	MH
	+.36 .39	+22 .31	+11.5 .21		+27 .3	2 +	-32 .33	+0 .36
	\$EN	CW		Marb	RE		Fat	\$W
	-13.41	+64 .39	+.	46 .34	+.65	.35	+.025 .30	+64.10
Feed		0.41/5		Sitz Travele		F-CAF-X	F]	\$F
Test		SAVFI	nal Answer	S A V Emul		AF-OSE	1	+82.88
ADG	K C F Benne	ett Absolute	[AMF-CAF-X	F]		<i>,</i> 00.	,	\$G
3.73	#*16430795	Thomas	Miss Lucy	Wulffs Ext 6				+29.93
DMI		momas		Thomas Mis		O [AMC	ı	\$QG
27.98					- 	40 1 144	0.045.75	+29.23
RFI		MLCC L	oad Up 714	RAB-GAR L 4	-0au Up 40	49J [AIVI	C-CAF-XF]	\$YG
-1.13				Dun Mor EX	(T 498 of 5	742		+.70
F:G	DR Kiltie Pri 16800350	de 870 0895		G A R EXT	408			\$B
7.50	10000330	Dunmor	Kiltie Pride		430			+163.95
7.50	_			DR 616 Kiltie	e Pride 175	8	'	
	BW CI	E BWR	ADJ WW	WWR A	DJ YW Y	WR	Test ADG	GR
	1		649	116	1185	106		
	Dam's Produc	tion Record	0.5		Dam's Ultras		duction Reco	ord
	ACT BW	BWR	WWR Y	WR %	MF	RE	Fat	RU Fat

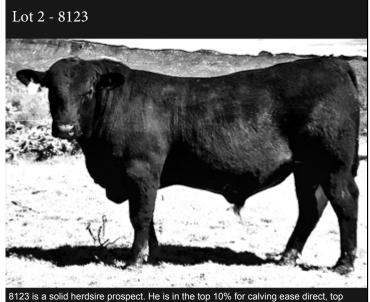
5-102

7-104

Lot 3	С	R Cor	mplemer	nt 6141	8113 г	DDP-A	MF-OSF 1	
	Birth Dt: 03/20		ngus GS	Bull		4899	Tattoo	: 8113
	CED	BW	ww	. YV	ν R	ADG .	DMI	ΥH
	+3 .28	+1.3 .45	+54 .45	+96	.35 +.2	0 .33	+.24 .33	+.5 .35
	SC	Doc	HP	CEM	M	ilk	MW	MH
	+.90 .38	+20 .30	+3.1 .1	-	23 +30	.29	+21 .29	+.1 .34
	\$EN	CW		Marb	_	RE	Fat	\$W
	-11.72	+44 .3	8 +	.47 .32	+.4	3 .33	+.026 .2	9 +60.06
Feed Test		EF Cor	mplement 80		anchise P1 CAF-XFI	42 [NHC	-AMF-XF]	\$F
	DD Compleme		•		elda Enten	se 6117		+54.82
4.03	18679754		Princess Be		eld Grade 26	[AMF-CA	F-XF]	\$G +31.04
DMI				DR Erica	Belle 6i6	1007		\$QG
26.03 RFI		Dun M	or Rito 6I6 o	f 5842	of 4B20 68	•	-CAF-XF]	+29.68 \$YG
-0.85	MLCC-LADY J	FWFI -8	804	D R Que	en EXT 37	40		+1.36
F:G	16305570			GARE	XT 498			\$B
6.46	-	DR EX	T Lady Jewe		Lady Jewe	9703		+133.14
	BW CE	BWR	ADJ WW	WWR	ADJ YW	YWR	Test ADC	G GR
	1		580	104	1239	111		
	Dam's Production	n Record			Dam's UI	trasound	Production Re	cord
	ACT BW	BWR	WWR	YWR	% IMF	RE	Fat	RU Fat
			6-100	2-103				

8113 was second for gain in our feed conversion test at 4.03 pounds per day and third for conversion at 6.46:1

DR Absolute 1783 8168 Birth Dt: 02/03/18 Angus GS CED BW DMI YΗ +10 .34 -1.7 .49 +52 47 +93 39 + 17 37 +.34 .37 CEM +.76 .41 +12 .36 +10.8 .25 +9 .31 +19 .34 +7.46 +38 .43 +1.07 .38 +.58 .38 +.067 .34 +55.38 \$F Sitz Traveler 8180 [AMF-CAF-XF] S A V Final Answer 0035 [AMF-CAF-XF] K C F Bennett Absolute [AMF-CAF-XF] +48.67 ADG \$G Wulffs Ext 6106 #*16430795 +47.27 3.81 Thomas Miss Lucy 5152 [AMF-DDF-NHF] \$QG DMI Thomas Miss Lucy 3050 [AMC] 29.61 +47.42 Gardens Highmark [AMF-CAF-XF] Gardens Wave [AMF-CAF-XF] Green Garden Lady 6255 S2 \$YG RFI -1.01 -.15 **DR Wave 4866** \$B Ironwood New Level [AMF-CAF-XF] 18022864 Dun Mor New Level 5765 +135.28 7.78 DR 613 Alamo Eileen 9707 **BWR** ADJ WW ADJ YW 1 1136 102 Dam's Ultrasound Production Record ACT BW BWR % IMF RE RU Fat 3-92 2-100



10% for birthweight, top 25% weaning weight, top 15% for yearling weight, top 20% for RADG. and top 10% for \$B. Third best RFI on test.

Lot	4		DR A	bsolute	8160							
	Birth Dt: 01/29	9/18 Angu	s GS Bı	الد	19193257	Tattoo:	8160					
	CED	BW .	WW .	YW	RADG	DMI	ΥH					
	+4 .34	+.5 .48	+48 .47	+96 .38	+.32 .37	38 .37	+.5 .40					
	SC	Doc	HP	CEM	Milk	MW .	MH					
	+.33 .40	+13 .35	+7.8 .25	+5 .31	+24 .34	+52 .35	+.2 .39					
	\$EN	CW	M	arb	RE	Fat	\$W					
	-7.47	+32 .42	+.62	2 .38	+.44 .38	+.014 .34	+42.61					
Feed Test		S A V Fina	Si I Answer 0		8180 [AMF-CAF AF-XF]	-XF]	\$F					
ADG	K C F Bennett	Absolute [A	MF-CAF-XF]	A V Emulo	us 8145 [CAF-C	SF]	+71.78 \$G					
3.43	#*16430795 Wulffs Ext 6106 Thomas Miss Lucy 5152 [AMF-DDF-NHF]											
DMI 27.20	Thomas Miss Lucy 3050 [AMC]											
RFI		EF Comple	ement 8088	[AMF-CAF-		-AMF-XF]	+35.35 \$YG					
-1.70	DR Elegance 4	070	El	F Everelda	Entense 6117		+4.20					
F:G	18040261				B20 6807 [AMF-	CAF-XF]	\$B					
7.91		Dun Mor E	legance 57 D		ance 9718		+131.58					
	BW CE BWR ADJ WW WWR ADJ YW YWR Test ADG											
	1		461	82	1224 110							
	Dam's Production	Record		D	am's Ultrasound I	und Production Record						
	ACT BW E	BWR W	WR YV	VR %	IMF RE	Fat	RU Fat					
		3-	98 2-1	01								

Lot 4 - 8160 8160 is the top RFI bull in the sale.

Lo	t 6		DR Prid	le 8125 4	140 [AMF	1							
	Birth Dt: 02	/28/18 Aı	ngus GS	Bull	*19214538	Tattoo:	8125						
	CED	BW	WW	YW	RADG	DMI	ΥH						
	+16 .26	-2.3 .40	+26 .42	+52 .33	+.19 .30	38 .30	1 .31						
	SC	Doc	HP	CEM	Milk	MW .	MH						
	+.11 .35	-2 .27	+8.4 .1		+18 .26	-14 .27	3 .31						
	\$EN	CW		Marb	RE	Fat	\$W						
	+20.56	+0 .35	5 +	.75 .29	+.19 .30	+.022 .26	+26.02						
Feed Test		Garden	s Wave [AM		ghmark [AMF-0	AF-XF]	\$F						
Test			•		en Lady 6255	S2	+8.85						
ADG	DR Kiltie Pr	ide 4140 [DI	OF-OSF]	C A D Viola	Crada MAT C	AE VEI	\$G						
2.54	18020074 G A R Yield Grade [AMF-CAF-XF] DFDR Kiltie Pride 229 2114 [AMF]												
DMI	DFDR Kiltie Pride 229 2114 [AMF] MLCC-KILTIE PRIDE-8788												
23.60				Cardona Dr	ime Time [AMF	OAE VEI	+39.44						
RFI		N Bar F	Prime Time [D806 [AMF-C	ime mme (Awr AF-XF)	-CAF-AFJ	\$YG						
-0.72	Mutal C					[AMF-CAF-XF]	+5.54						
F:G	DR Lady Be 16803480	ulan Prime	0105	DAD CAD I	and I in 4040	[AMC-CAF-XF]	\$B						
9.30	10003400	MLCC	Lady Beulah		.oau op 40490	[AIVIC-CAF-AF]	+57.77						
9.30			,		eulah 616 2766		137.77						
	BW C	E BWR	ADJ WW	WWR A	DJ YW YWF	R Test ADG	GR						
		1	476	85	962 86	5							
	Dam's Produc	ction Record			Dam's Ultrasoun	d Production Rec	ord						
	ACT BW	BWR	WWR `	YWR %	IMF RE	Fat	RU Fat						
			7.00	4.02									



This bull is a maternal brother to our herdsire, DR WAVE 1701 5126. He is sired by Hoover Dam, one of American Breeders Service top sires the last several years. Solid numbers all around.

Lot	5		DR	Wav	e 5126	812	21 [AI	MF-OSI	F]		
	Birth Dt: (04/02/18	Ang	us GS	Bull		*1934	1493	Tatt	oo: 81	121
	CED	, в	W .	WW		ΥW	. R.	ADG _	DMI	, YH	
	+8 .20	5 +0	.42	+31 .	43 +5	6 .34	+.2	1 .31	55 .3	1 +.9	.32
	SC	_ D	ос	HP	CE	M	М	ilk	MW	MH	
	+.71 .3	36 +4	.27	+7.4	.15 +10	.21	+24	.26	-3 .28	+.3	.31
	\$EN	C	W		Marb			RE .	Fa	t \$W	٧
	+9.09	+21	.36		+.84 .3	0	+.1	2 .31	+.025	.26 +33	3.21
Feed Test		Ga	rdens	Wave [A	Garde		ghmark	[AMF-CA	AF-XF]	\$F	
ADG	DR Wave	1701 512	[DDF	OSF]	Green	Gard	en Lady	6255 S	32	+15 \$G	
3.28	18372461	DR	Erica	Belle 6i		6 of 4	B20 68	07 [AMF	-CAF-XF]	+43	
DMI 22.64					Sam's	Princ	ess Bel	l 8012 1	51	\$Q0 +41	
RFI		ML	CC Lo	ad Up 7	'144				[AMC-CAF-	\$YO	G
-0.85	DR Alamo	Ougan 8	70 089		Dun M	or EX	(T 498 c	of 5742		+1	75
F:G	16788492		70 000	,,	Ironwo	od N	ew Leve	el [AMF-C	CAF-XFI	\$B	3
6.90		Du	n Mor	New Le	vel 5765 DR 61	3 Ala	mo Eile	- en 9707		+105	.35
	BW	CE B	ΝR	ADJ W\	ww.	R A	DJ YW	YWR	Test A	DG G	3R
		5		487	8	7	1053	94			
	Dam's Prod	luction Rec	ord				Dam's Ul	trasound	Production	Record	
	ACT BW	BWR	٧	VWR	YWR	%	IMF	RE	Fat	RU F	at
			6	-100	5-100						

Lot	7	DF	R Hoove	r Dam 2	102 81	26 [D	DP]						
	Birth Dt: 02	/12/18 A	ngus GS	Bull	1927	4757	Tattoo:	8126					
	CED	BW	WW	YV	V R	ADG	DMI	ΥH					
	+7 .33	3 .48				1 .37	03 .37	+.3 .39					
	SC	Doc	HP	CEM	M	ilk	MW	MH					
	+1.50 .41		+12.3 .		30 +34	.34	+27 .37	1 .40					
	\$EN	CW		Marb		RE	Fat	\$W					
	-14.21	+38 .4	2	+.70 .37		9 .37	002 .34	+58.10					
Feed		SydCe	en C C & 7 [nnection [AMF-CAF	F-XF]	\$F					
Test		,			ر Forever La	dv 4087	7 [AMF]	+39.75					
ADG	Hoover Dar	•	XF]	,		,		\$G					
2.69	#*16124994	Frica d	of Filston Ca		on 258 [Al	VIF-CAF-	XFJ	+44.80					
DMI	Erica of Ellston C124 Erica of Ellston V65												
24.89				$D \sqcup D T_r$	aveler 680	7 ME	M1E VEI	+37.98					
RFI		Rito 6I	6 of 4B20 6			/ [Alvii-i	WITE-XEJ	\$YG					
-0.94	DR Erica Bo	ollo eie 100	7	Rita 4B20	of 0FB1	Bando		+6.82					
F:G	16798339	elle olo 100	,	Mr Ebony	Cross 80	12 Ft		\$B					
9.28	1010000	Sam's	Princess B					+137.36					
				Sams Pa	ragon 600	1							
	BW C	E BWR	ADJ WW	/ WWR	ADJ YW	YWR	Test ADG	GR					
		1	628	112	1132	101							
	Dam's Produc	ction Record			Dam's UI	trasound	Production Red	cord					
	ACT BW	BWR	WWR	YWR	% IMF	RE	Fat	RU Fat					
			6-104	3-101									

This bull is a maternal brother to our herdsire, DR WAVE 1701 5126. He is sired by Hoover Dam, one of American Breeders Service top sires the last several years. Solid numbers all around.

Lot	: 8					138 [D						
	Birth Dt: 02/	03/18	Angus G	s B	ull	1921	4888	Tattoo:	8138			
	CED	BW	, V	/W _	YV	/ , R	ADG	DMI	ΥH			
	+13 .26	-1.6 .		5 .43	+62 .		4 .32	55 .32	+.5 .32			
	SC	Doc		HP	CEM	M	ilk	MW	MH			
	06 .36	+17 .2			+11 .2	1 +32	.27	+1 .28	+.2 .32			
	\$EN	CW		Λ	/larb	_,	RE	Fat	\$W			
	-3.65	+32 .	.36	+.6	7 .30	+.6	6 .31	+.008 .27	+47.26			
Feed Test		Gard	ens Wave	e [AMF-	CAF-XF]	Highmark		•	\$F +23.40			
ADG	DR Wave 1701 5126 [DDF-OSF]											
3.36	18372461 Rito 6l6 of 4B20 6807 [AMF-CAF-XF] DR Erica Belle 6i6 1007 Sam's Princess Bell 8012 151											
DMI				8	Sam's Pr	ncess Be	1 8012 1	51	\$QG			
23.41 RFI -1.20		DR L	oad Up 8	70 084	-8	ad Up 714 Precise 4			+37.09 \$YG +6.61			
	DR Kiltie Pri	de 870 21	123 [AMF-						\$B			
F:G	17547948	DD K	iltie Pride			ad Up 71	14		·			
6.97	-	DIVIN	intie i ride			Kiltie Pride	498 678	38	+130.16			
	BW CE BWR ADJWW WWR ADJYW YWR Test ADG											
	1		į	582	104	1081	97					
	Dam's Product	ion Record	t			Dam's U	trasound	Production Rec	ord			
	ACT BW	BWR	WWR	Y۱	ΝR	% IMF	RE	Fat	RU Fat			
			5-103	3-	101							

Lo	t 9	DI	R Wave	5126 8 ⁻	140 [DD	P-OSF	-]	
	Birth Dt: 02/2	28/18 An	gus GS	Bull	19214	1889	Tattoo:	8140
	CED	BW .	WW	YW	, RA	\DG	DMI	ΥH
	+12 .27	9 .42	+38 .43	+71 .3	4 +.25	.33	49 .33	+.3 .33
	SC	Doc	HP	CEM	Mil	k	MW	MH
	+.67 .37	+12 .28	+6.2 .16		+15	.27	+12 .27	+.1 .32
	\$EN	CW		Marb	F	RE	Fat	\$W
	+15.73	+31 .37	+.	.77 .31	+.92	.31	014 .27	+31.16
Feed		0		Gardens F	lighmark [AMF-CA	F-XF]	\$F
Test		Gardens	Wave [AMI	Green Ga	rden Ladv	6255 S	2	+35.79
ADG	DR Wave 170	1 5126 [DDI	F-OSF]		,			\$G
3.28	18372461	DD Eric	a Belle 6i6 1	Rito 616 of	4B20 680)/ [AMF-	CAF-XF]	+50.30
DMI	diff the Brand	DIVERIG		Sam's Prir	ncess Bell	8012 15	51	\$QG
24.09				0 A D D	-:-: 400	0	NUIO 0051	+40.03
RFI		GARY	ield Grade (G A R Pre (AMF-CAF-)	(F)	U [AIVIC-	NHC-USF]	\$YG
-1.24	Marin S.		-	G A R Ext		F]		+10.27
F:G	DFDR Kiltie F 17545674	riae 229 2		Dun Mor F	Pita 616 of	5842		\$B
7.34	17545074	MLCC-K	ILTIE PRID		(110 010 01	3042		+135.40
7.51				Dunmor K	iltie Pride	498 678	38	
	BW CE	BWR	ADJ WW	WWR	ADJ YW	YWR	Test ADG	GR
	1		485	87	1058	95		
	Dam's Producti	on Record			Dam's Ultr	asound F	Production Rec	ord
	ACT BW	BWR	WWR Y	/WR	% IMF	RE	Fat	RU Fat
			4-98	4-99				

Maternal brother to our senior herdsire DR KILTIE PRIDE 4140. Sire is our bull DR WAVE 1701 5126.

Lot	11	DR Wave 51	26 8149 _{[D}	¥E1
	Birth 18			Tattoo: 8149
	8	w ww	YW _	DMI YH
	+11		+42 .29	29 .30 +.3 .28
	SC	HP	CEM	MW MH
	+.94 .31	+14.8 .13	+8	+1 .24 +.3 .27
	\$EN	Mai		Fat \$W
	38	+1.07	46 .28	+.064 .23 +28.57
Feed	G:	Ga AMF	ark [AMF-C	AF-XF] \$F
Test			h Lady 6255	S2 -5.14
ADG	DR Wave 1701 5120	6)		\$G
2.99	18372461	Erica	4B20 6807 [AM	+50.68
DMI		LIICA	Princess Bell 8012	151 \$QG
22.63			- 1 limbur aut. (4445 O	+47.42
RFI	Ga	rdens	s Highmark [AMF-C	\$YG
-0.58	DD Flavour Falalla	47	den Lady 6255	S2 +3.26
F:G	DR Elegant Edella		55H [AMF-CAF	\$B
7.58	D/	<u>-</u> della	MF]	+79.62
7.50		ML	(EL-8876	
	BW CE	N MM رد	VV. YWF	R Test ADG GR
		537	96 93	
	Dam's Prog	33.		Production Record
	ACT P	WWR YW	R %	Fat RU Fat
		3-98 2-95		

An outstanding ease bull with top 3% marbling by for heifer pregnancy. 81 cow maker.

Lot 1	13	DF	R Co	mple	ment	6141	8158] [DDF	-OSF]	
	Birth Dt: 0	2/24/18	Ang	us GS	Bull		*192	14900	Tattoo	: 8158
	CED	В	W .	WW		YW	, R	ADG	DMI	ΥH
	+10 .28		.45	+59 .		01 .34		.33	+.69 .33	+.1 .34
	SC		oc	HP		EM		ilk	MW	MH
	+1.70 .3			+8.7	.18 +1	5 .24		.27	+9 .29	+0 .33
	\$EN	C		_	Marb			RE	Fat	\$W
Feed	-5.26	+40	.38			32		2 .33	+.055 .2	9 +66.90
Test			Come	lement				42 [NHC	-AMF-XF]	\$F
ADG	i		•		FF F			se 6117		+51.33
3.53	DR Comp	lement 17	74 61	41 [DDF]						\$G
DMI	18679754		חם פר	incess E			Grade	[AMF-CA	F-XF]	+41.53
27.97	diff the Brand	DE	DK FI	IIICESS E			elle 6i6	1007		\$QG
RFI										+42.46
-0.60		Gai	dens	Wave [A	Gard MF-CAF	ens Hi -XF1	ghmark	[AMF-CA	NF-XF]	\$YG
F:G	Salutan . Com						en Lad	y 6255 S	32	93
7.81	DR Eileen		/e 170	1 4135	DD F	ita CiC	5842 9	105		\$B
7.61	*18095170		DR Ei	leenmer				105		+128.13
							EXT 2	707		1120.13
	BW	CE BV	٧R	ADJ W\	w w	VR A	DJ YW	YWR	Test AD	G GR
		1		640	1	14	1293	116		
	Dam's Prod	uction Reco	ord				Dam's Ul	trasound	Production Re	cord
	ACT BW	BWR	١	NWR	YWR	%	IMF	RE	Fat	RU Fat
			3	-101	2-105					

Lot	10	D	R Yield	Grade 2	2111 81	41 [DD	P]	
	Birth Dt: 04/	04/18	Angus GS	Bull	1927	4758	Tattoo:	8141
	CED	BW	, WW	/ Y\	N , R	ADG	DMI ,	ΥH
	+2 .25	+3.5 .4	+49	.42 +77	.33 +.1	4 .31	+.27 .31	+.4 .30
	sc	Doc	HF	CEM	M	ilk	MW	MH
	+.66 .35	+8 .2	16 +1.7	.15 +7 .	21 +14	.26	+3 .26	2 .30
	\$EN	CW		Marb		RE .	Fat	\$W
	+16.80	+38	35	+.27 .29	+.3	4 .30	+.015 .25	+36.58
Feed					recision 16	80 [AMC-	NHC-OSF]	\$F
Test		GAR	Yield Grad	de [AMF-CAF	'-XF] xt 4526 [AN	453		+23.34
ADG	DR Yield Gra	ade 2111	AMF-DDF-O	SF]	XI 4526 [AII	/IFJ		\$G
3.21	17545676				Rito 616 o	f 5842		+22.71
DMI		MLCC	-BLOSSO	M-498-8844	Blossom 4	100 4764		\$QG
26.15				Dull Wol	DIUSSUIII 2	+90 4704		+20.39
RFI		0 4 5	V:-I-I O		recision 16	80 [AMC-	NHC-OSF]	\$YG
-1.46		GAR	Yield Grad	de [AMF-CAF G A R E:	-xfj xt 4526 [AN	ΛF1		+2.32
	DFDR Prince	ess Belle	229 2126					_
F:G	17545097	DD 5	·		of 4B20 68	07 [AMF-	CAF-XF]	\$B
8.15		DR E	rica Belle 6		rincess Bel	II 8012 1	51	+107.50
	BW C	BWR	ADJ W	W WWR	ADJ YW	YWR	Test ADG	GR
	1		578	3 103	1108	99		
	Dam's Produc						Production Rec	
	ACT BW	BWR	WWR	YWR	% IMF	RE	Fat	RU Fat
			4-104	3-106				

Lot	12	D	R Hoov	er Dam	2102 8157	•	
	Birth Dt: 02/	12/18 Ang	us GS B	ull	19277984	Tattoo:	8157
	CED	BW .	WW	YW	RADG	DMI	ΥH
	+2 .33	3 .47	+47 .42	+97 .38	+.24 .35	+.41 .35	+.3 .39
	SC	Doc	HP	CEM	Milk	MW	MH
	+1.09 .40	+22 .35	+12.0 .25	-1 .30	+29 .33	+6 .36	+0 .39
	\$EN	CW	. N	larb	RE	Fat	\$W
	-7.57	+50 .40	+.8	0 .37	+.65 .37	+.030 .33	+53.61
Feed		SudCon (S CC&7[AMI		ection [AMF-CAF	-XF]	\$F
Test		,	S		ever Lady 4087	7 [AMF]	+58.26
ADG	Hoover Dam	[AMF-CAF-XF]		•	,		\$G
3.73	#*16124994	Frica of F	ı Ilston C124	C Gridiron	258 [AMF-CAF-)	KF]	+43.18
DMI	A STATE OF THE PARTY OF THE PAR	Liloa oi L		rica of Ells	ton V65		\$QG
27.34					Time : ****	045 751	+40.86
RFI		N Bar Pri	me Time D8		me Time [AMF- AF-XF]	CAF-XF]	\$YG
-0.87	DR Kiltie Pric	I- D000 000		Bar Miss	Emulous A404	[AMF-CAF-XF]	+2.32
F:G	17754897	16 0806 3866		ito 616 of 4	B20 6807 [AMF	-CAE-YEI	\$B
7.26	17734097	Dun Mor	Kiltie Pride5		DZO OOO7 [AWI	-CAI -XI]	+153.40
7120	-			R 166 Kilti	e Pride 9715	'	
	BW CE	BWR	ADJ WW	WWR A	DJ YW YWR	Test ADG	GR
	1				1029 100		
	Dam's Producti	on Record		[Dam's Ultrasound	Production Reco	ord
	ACT BW	BWR V	VWR Y	VR %	IMF RE	Fat	RU Fat
		2-	-108 3-:	102			

A son of Hoover Dam. Dam has weaned 2 calves with a weaning ratio of 108 and 2 calves with a yearling ratio of 104. \$B is in top 15%.

C WW YW DMI YF	Lot 14		DR	Wave 5	126 81			
#10 3	Birth I	3	Angus GS	Bull	*18		Tattoo:	815
SC HP CEM MW MH +.93 .37	C,	1	v <u></u> ww	, Y\	ν_,		DMI	ΥH
+93.37		.	7011	_				1 .3
\$EN	_							MH
## 14.06 ## 14.80 ## 14.03 .27 ## 14.06			+12.0					6 .3
Sect Gan WF Gan								\$W
Gal W	+4.	4 60						+47.5
DR Wave 1701 5126 [D] 18372461 DR Erica L Princess Bell 8012 151 SQ H48 Princess Bell 8012 151 H48 Prince		Car		G ME	fark [A	AMF-CAF-	XF]	\$F
SC SC SC SC SC SC SC SC			1	Ψ	en Lady	6255 S2		+18.9
DR Erica DR Erica DR Erica DR Princess Bell 8012 151 11	G		[D]		•			\$G
Princess Bell 8012 151 Comparison of the production Record ACT WWR YWR %	183724	61	Erica		of 4B20 680	/ [AMF-C	AF-XF]	+45.4
DR Yie'	States der Bran	S. DIX	Liica L	P	incess Bell	8012 151		\$QG
DR Yie DR Yie DR Yie DR Yie DR Yie DR Yie SSOM-498-8844 146 DB06 [AMF-CAF-XF] H12: DB06 [AMF-CAF-XF] SSOM-498-8844 FOR DB06 [AMF-CAF-XF] H12: DB06 [AMF-CAF-X							VE1	+40.8
## DFDR Queenie 2111 ## 18065048 BW CF DJ WW WW Test ADG Dam's Pry ACT F WWR YWR % II Fat RUE		DR'	Yiel			MIH-CAF	XFJ	\$YG
BW CF DJ WW WW YWR Test ADG OF ACT WWR YWR YWR % In Fat RU F	48				SSOM-49	98-8844		+4.6
BW CF DJ WW WWh Test ADG Dam's Pr/ ACT WWR YWR % In Fat RU F	_				me Di	SUE LVIVE	CAE VEI	\$B
Dun \$16 5836 BW CF DJ WW WWh YWR Test ADG CO Section 1	100000	40 P	1 0	806	(le Do	OU [AIVIF	-CAF-AFJ	+121.6
523 93 80 1 1 1 1 1 1 1 1 1	50				61	6 5836		, 12110
	BW	CF	νDJ W	v wwk		YWR	Test ADG	GF
Dam's Pr/ 4 Production Record ACT r WWR YWR % In Fat RU F								
	Dam's P	7	523				oduction Rec	ord
	ACT ^r		WWR	YWR	% h		Fat	RU Fat
2-104 2-95			2-104	2-95				

Lot	15	0	R Wav	e 5126	8163 [D	DP-OS	F]	
	Birth Dt: 02	/28/18 A	ngus GS	Bull	*192	67875	Tattoo	: 8163
	CED	BW	WW	Y	W F	RADG	DMI ,	ΥH
	+13 .26	-1.7 .42	+29 .3	39 +56	.33 +.	17 .31	30 .31	+.2 .32
	SC	Doc	HP	CEN	/ N	/lilk	MW .	MH
	+.99 .36	+12 .2	+8.6	.15 +15	.21 +27	7 .25	+21 .26	1 .31
	\$EN	CW		Marb		RE	Fat	\$W
	+2.49	+26 .3	5	+.94 .30	+.2	26 .30	+.027 .26	6 +32.75
Feed Test		Garde	ns Wave [A		s Highmark	([AMF-C/	AF-XF]	\$F
	DR Wave 17	704 E436 ID	DE OCEI	Green C	arden Lac	ly 6255 S	32	+12.02
ADG 3.21	18372461	-	ca Belle 6i		of 4B20 68	807 [AMF	-CAF-XF]	\$G +46.76
DMI		5., 2.,	54 25.10 S.		rincess Be	ell 8012 1	151	\$QG
24.88 RFI -1.01			eld Grade 2	111 [AMF- MLCC-E	ield Grade DDF-OSF] BLOSSOM	•	•	+44.54 \$YG +2.22
F:G	DFDR Kiltie	Pride 2111	4114 [AMF		D., 010			\$B
7.95	18082340	MLCC	-KILTIE PF	RIDE-8788	r Rito 616 c Kiltie Pride		00	+114.30
	BW C	E BWR	ADJ WV	W WWR	ADJ YV	YWR	Test ADG	GR
	:	1	619	100	1123	100		
	Dam's Produc	tion Record			Dam's U	Iltrasound	Production Re	cord
	ACT BW	BWR	WWR	YWR	% IMF	RE	Fat	RU Fat
			2-104	2-103				

This bull has a top 10% and 5% respectively for CED and BW. Top 5% DMI and top 10% of the breed for marbling.

Lot	17	DF	R Comp	lemen	t 614	11 81	72 [D	DP]	
	Birth Dt: 03	/17/18 <i>F</i>	Angus GS	Bull		*1918	3945	Tatto	o: 8172
	CED	BW	. WW	<i>'</i> .	ΥW	, RA	ADG .	DMI	ΥH
	+10 .21	2 .3	5 +45 .	.39 +8	4 .29	+.20	.28	18 .28	+.4 .26
	SC	Doc	HF	P CE	M	Mi	lk _	MW	MH
	+1.32 .30	+4 .2	1 +7.8	.10 +12	.15	+24	.20	+22 .20	+.3 .24
	\$EN	CW		Marb		F	RE	Fat	\$W
	-1.15	+16 .3	31	+1.24 .2	4	+.25	.25	+.028 .2	21 +45.32
Feed Test		Garde	ns Wave [hmark [AMF-CA	AF-XF]	\$F
	DR Kiltie Pr	ido 4140 m	DE OSEI	Green	Garde	en Lady	6255 S	32	+47.81
3.58	18020074	-	Kiltie Prid			Grade [AMF-CA	F-XF]	\$G +54.26
DMI 27.21						É PRID	E-8788		\$QG +50.80
RFI		DR Ri	to 6i6 5842	9105		616 of		.,	\$YG
-1.14	DR Elegant	Ladv 9105	5120 rame	MLCC -OSF1	Lady	Beulah	616-712	24	+3.46
F:G	18429469	, 0.00	- : - J P		Load	Up 714	4		\$B
7.59		DR Ho	obo Elence			gance 5	5768 616	3	+103.90
	BW CE BWR ADJ WW WWR ADJ YW YWR Test ADG								
		1	476	5 8	5	1049	94		
	Dam's Produc	tion Record			D	am's Ulti	rasound	Production Re	ecord
	ACT BW	BWR	WWR	YWR	%	IMF	RE	Fat	RU Fat
			1-85	1-94					

8172 is a solid calving ease bull with top $2\%\ marbling.$

Lot	19		OR Co	mpleme	nt 6141	1 8177	•	
	Birth Dt: 03	/01/18 An	gus GS	Bull	*191	83947	Tattoo:	817
	CED	BW	WW	Y\	V R	ADG	DMI	ΥH
	+11 .21	-1.0 .34	+49			17 .29	+.08 .29	2 .26
	SC	Doc	HP			lilk	MW	MH
	04 .29	+14 .21	+7.9	.11 +14 .	16 +27	.20	+28 .21	2 .2
	\$EN	CW		Marb		RE	Fat	\$W
	-6.21	+30 .31		+.74 .24		88 .26	+.075 .21	+54.5
Feed Test		FF Com	nlement	Basin Fr -BO88 (AMF)	anchise P	142 [NHC	-AMF-XF]	\$F
Test				EF Ever	elda Enten	se 6117		+48.7
ADG		ment 1774 6	141 [DDF]		eld Grade	IAME CA	E VEI	\$G
3.21	18679754	DFDR P	rincess E	Belle 229 21		[AIVIF-CA	ır-×г]	+37.2
DMI				DR Erica	Belle 6i6	1007		\$QG
22.59				Basin Fr	anchise P	142 INHC	-AMF-XF1	+39.1
RFI		EF Com	plement	8088 [AMF-	CAF-XF]	•		\$YG
-0.57	DR Alamo F	ileen 1774 5	886 rose		elda Enten	se 6117		-1.9
F:G	18392377				New Lev	el [AMF-C	CAF-XF]	\$B
7.03		Dun Moi	New Le		A1 = 1			+112.9
				DR 613	Alamo Eile	en 9707		
	BW C	E BWR	ADJ W	W WWR	ADJ YW	YWR	Test ADG	GR
		L	554	99	1071	96		
	Dam's Produc	tion Record			Dam's U	ltrasound	Production Red	cord
	ACT BW	BWR	WWR	YWR	% IMF	RE	Fat	RU Fat
			2-99	2-98				

Lot	16	DR	Comple	ement 61	41 81	71 [DE	OP]	
	Birth Dt: 03	3/10/18 A	ngus GS	Bull	*1918	3944	Tattoo	: 8171
	CED	BW	WW	YW	, R.	ADG	DMI	ΥH
	+3 .26	+1.6 .42	+50 .43	+79 .33	3 +.2	0 .32	02 .32	+.2 .32
	sc	Doc	HP	CEM	M	ilk	MW	MH
	+.13 .35	+6 .28	+12.4 .1	-	+24	.25	+4 .26	+0 .31
	\$EN	CW		Marb	,	RE	Fat	\$W
	+3.19	+38 .3	6 +	23 .30	+.7	3 .31	006 .2	7 +54.41
Feed		EE Co	mplement 80	Basin Fran		42 [NHC-	AMF-XF]	\$F
Test			•	EF Evereld		se 6117		+32.11
ADG	DR Comple	ment 1774	6141 [DDF]	O A D V:-I				\$G
3.36	18679754	DEDR	Princess Be	G A R Yield Ile 229 2126		[AMF-CAF	-XF]	+25.71
DMI		5.5.		DR Erica B		1007		\$QG
23.99				MLCC N E	ar Drime	Time 71	IN8	+18.30
RFI		DR Pri	metime Prin	ce 9893 [AM	F-CAF]		100	\$YG
-0.72	DR Queeni	- 0002 5427	10051	Dun Mor P	rincess 2	08 502		+7.41
F:G	18363497	9093 5127	[USF]	N Bar Prim	e Time [MA1 A080	F-CAF-XFI	\$B
7.14	10000407	DFDR	Queenie D8			, coo (,	. 0, , ,	+116.90
				Dun Mor Q	ueen 16	16 5836		
	BW C	E BWR	ADJ WW	WWR	ADJ YW	YWR	Test ADO	GR GR
		1	586	105	1176	106		
	Dam's Produ	ction Record			Dam's Ul	rasound F	roduction Re	cord
	ACT BW	BWR	WWR	YWR S	% IMF	RE	Fat	RU Fat
			1-105	1-106				

Lot	18		DR Ki	iltie Pric	de 8173	4140					
	Birth Dt: 04	1/20/18	Angus GS	Bull	*192	74759	Tattoo	: 8173			
	CED	BW	, WW	/ Y	W F	ADG	DMI	ΥH			
	+5 .29	+1.8 .				21 .24	+.04 .24	+.3 .35			
	SC	Doc	; HF	CEN	/ N	lilk	MW	MH			
	+.42 .38				.24 +20	.27	+50 .29	+.4 .34			
	\$EN	CW		Marb		RE	Fat	\$W			
	+.16	+19	.37	+.90 .33		7 .33	+.002 .29	9 +41.43			
Feed Test		Gard	ens Wave i		s Highmark	[AMF-CA	F-XF]	\$F			
Test					arden Lad	y 6255 S	2	+45.24			
ADG	DR Kiltie P	ride 4140	[DDF-OSF]	CABA	'ield Grade	- 	- VEI	\$G			
3.06	18020074	DFDF	R Kiltie Pride			[AIVIF-CAI	>\[+47.10			
DMI		DFDR Kiltie Pride 229 2114 [AMF] MLCC-KILTIE PRIDE-8788									
20.13				Basin F	ranchise P	142 INHC.	ΔMF-XF1	+43.61			
RFI		EF C	omplement	8088 [AMF-	-CAF-XF]	•	74411 741]	\$YG			
-0.93	DR Elegano	-a 1774 58	78 (085)	EF Eve	relda Enten	se 6117		+3.49			
F:G	18392378	26 1774 30	70 [031]	Rito 616	of 4B20 68	807 [AMF-	CAF-XF]	\$B			
6.58		Dun I	Mor Elegano					+99.07			
				DR 613	Elegance 9	9718					
	BW C	E BW	R ADJ W	W WWR	ADJ YW	YWR	Test ADC	GR GR			
		0	399	103	972	103					
	Dam's Produ	ction Record	t		Dam's U	Itrasound F	Production Re	cord			
	ACT BW	BWR	WWR	YWR	% IMF	RE	Fat	RU Fat			
			2-104	1-103							

Lot	20	D	R Comp	lement	6141 8191					
	Birth Dt: 02/2	5/18 Ang	us GS B	ull	*19183952	Tattoo:	8191			
	CED	BW .	WW .	YW	RADG	DMI ,	YH			
	+9 .26	4 .41	+42 .42	+76 .31	+.18 .31	+.13 .31	+.2 .31			
	SC	Doc	HP	CEM	Milk	MW	MH			
	+.34 .34	+12 .27	+6.8 .15	+11 .21	+26 .24	+27 .25	+.2 .30			
	\$EN	CW	, N	larb	RE	Fat	\$W			
	-1.93	+33 .35	+.3	1 .30	+.63 .30	+.033 .26	+44.73			
Feed Test			lement 808	8 [AMF-CAF-	nise P142 [NHC XF] Entense 6117	-AMF-XF]	\$F +29.23			
ADG	DR Complem	ent 1774 61	41 [DDF]				\$G			
2.46	18679754	DFDR Pr	incess Belle		Grade [AMF-CA	F-XF]	+26.59			
DMI 26.2					lle 6i6 1007		\$QG +22.33			
20.2 RFI -0.76		EF Complement 8088 [AMF-CAF-XF] DR Complement 4895 [AMF-DDF-OSF] Dummor Killie Pride 498 6788								
F:G	DR Queenie 4	895 6127	_				\$B			
10.68	18678952	DFDR Qu	ueenie D806	1892	Time D806 [AN een 1616 5836		+104.34			
	BW CE BWR ADJ WW WWR ADJ YW YWR Test ADG GR									
	1		619	100	1198 105	TOOLABO	J.			
	Dam's Production	n Record		D	am's Ultrasound	Production Red	cord			
	ACT BW	BWR V	VWR Y	NR %	IMF RE	Fat	RU Fat			
		1	-100 1-	105						

Lot	21		DR Kiltie Pride 4140 8192										
	Birth Dt: 03	/15/18 <i>A</i>	Ingus GS	Bull		*1918	3953	Tattoo	: 8192				
	CED	BW	, WV	٧ .	ΥW	, RA	NDG ,	DMI	YH				
	+0 .24	+2.6 .3	9 +46	.41 +8	1 .31	+.18	.29	+.28 .29	+.2 .29				
	sc	Doc	H	P CE	M .	Mi	k .	MW	MH				
	+1.10 .33	-7 .2	5 +12.9	_	.19	+17	.22	-24 .23	2 .28				
	\$EN	CW		Marb			RE ,	Fat	\$W				
	+15.38	+23 .3	34	+1.07 .2	7	+.52	.28	010 .2	4 +40.77				
Feed						hmark [AMF-CAF	-XF]	\$F				
Test		Garde	ns Wave [on Lady	6255 S2	2	+32.32				
ADG	DR Kiltie Pr	ide 4140 [C	DF-OSF]	Green	Garue	Lauy	0233 32	-	\$G				
3.21	DR Kiltie Pride 4140 [DDF-OSF] 18020074 G A R Yield Grade [AMF-CAF-XF]												
DMI	and the Brane	DFDR Kiltie Pride 229 2114 [AMF] MLCC-KILTIE PRIDE-8788											
27.56				WEOC	-IXIL II	LIND	L-0700		\$QG +47.42				
RFI		DD Vi	eld Grade	GAR	Yield	Grade [AMF-CAF	-XF]	\$YG				
-0.78	D. Sugar and Suffer	DK III	eiu Graue				98-8844		+7.81				
	DR Elegant	Lady 2111	6155 [DDF						\$B				
F:G	*18720903	DD EI	egant Lad				e 9893 [<i>i</i>	AMF-CAF]					
8.59		DK EI	egani Lau			ence 87	0 0878		+109.39				
	514		45.114		-		2015						
	BW C	E BWR			R AI	DJ YW	YWR	Test AD	G GR				
		1	67	4 10		1141	101						
	Dam's Produc							roduction Re					
	ACT BW	BWR	WWR	YWR	%	IMF	RE	Fat	RU Fat				
			1-109	1-101									

8192 is an outstanding carcass bull that combines a top 5% marbling, solid ribeye EPD and top 25% External Fat EPD to make a top 2% Grid and top 4% Quality Grade.

Lot	23		DR V	Vave 51	26 8206							
	Birth Dt: 02	/27/18 Ai	ngus GS	Bull	*1918395	7 Tattoo:	8206					
	CED	BW	ww	YW	RADG	DMI	ΥH					
	+14 .20	-3.1 .34	+35 .37	+56 .28	+.12 .28	13 .28	3 .25					
	SC	Doc	HP	CEM	Milk	MW	MH					
	+.15 .29	+22 .20			+38 .19	-20 .20	6 .24					
	\$EN	CW	,	Marb	RE	Fat	\$W					
	-7.49	+31 .30) +.	63 .23	+.54 .2	5 +.060 .20	+58.19					
Feed Test		Garder	ıs Wave [AMI		ighmark [AMF	-CAF-XF]	\$F					
	DB Ways 17	704 E426 IDE	,	Green Gar	den Lady 625	5 S2	+4.61 \$G					
ADG 2.76	DR Wave 1701 5126 [DDF-OSF] 18372461 DR Erica Belle 6i6 1007											
DMI 24.15					cess Bell 801		\$QG +35.72					
RFI -0.73		DR Co	mplement 48	95 [AMF-DD	ment 8088 [A F-OSF] tie Pride 498	•	\$YG +1.24					
	DR Erica Be	elle 4895 61					\$B					
F:G	18678953	DD Esid	ca Belle 6i6 1		4B20 6807 [A	MF-CAF-XF]	_					
8.75		DR EII			cess Bell 801	2 151	+111.25					
	BW C	E BWR	ADJ WW	WWR .	ADJ YW YV	/R Test ADG	GR					
		5	656	106	1136 1	00						
	Dam's Produc	tion Record			Dam's Ultrasou	ind Production Rec	ord					
	ACT BW	BWR	WWR \	/WR 9	6 IMF F	RE Fat	RU Fat					
			1-106 1	-100								

Lot	25				DR	Wa	ive 5	126	8878	3			
	Birth Dt:	02/25	5/18	Ang	us GS	Βι	ıll	19	9183	959		Tattoo	: 8878
	CED) ,	BW	١.	WW	<u> </u>	Y۷	٧	RAI	DG ,	D	MI ,	ΥH
	+9 .2	26	-2.1 .	42	+30 .	44	+48 .	34	+.14	.32	4	9 .32	+.1 .34
	SC		Doo	;	HF		CEM		Milk		М	W	MH
	+.93 .	36	+17 .	28	+8.8	.16	+8 .2	22 -	+14	.28	+20	.29	+0 .32
	\$EN		CW		Щ,	Ma	arb	Ι,	R	E		Fat	\$W
	+21.56	5	+5	.36		+.56	.31		+.61	.31	+.	020 .2	+23.60
Feed Test			Gard	ens	Wave [/		ardens	Highm	ark [A	MF-CA	AF-XF]		\$F
Test		4=04					een Ga	arden L	_ady 6	3255 S	32		+1.82
ADG	DR Wave		5126 [DDF	-OSF]	Di	to 616 c	f ADOC	. 600	7 [] 8 4 [CAE	/ Г1	\$G
3.21	1837246	1	DR E	rica	Belle 6			11 4DZC	0007	[AlVIF	-CAF-	۸۲J	+41.72
DMI	Service Control	A	5.12		200		m's Pr	incess	Bell 8	3012 1	51		\$QG
22.83	CHARLES .	in the second				Ь	H D Tra	ovolor	6007		M4F VI	-1	+33.18
RFI		g	Rito (616 d	of 4B20					[AIVIT-I	WIIF-AI	-1	\$YG
-0.94	Water .	, 				Ri	ta 4B20	of 0F	B1 Ba	ando			+8.54
F:G	Dun Mor 15235252		ince 5	00 (010	Pa	ragon	166 D	E D E	4613	Ł		\$B
6.73	13233232	_	DR 6	13 E	Eleganc			100 D	1 01	. 4010	,		+66.50
0.73						Sı	iper Ho	bo D F	DR	4669			
	BW	CE	BW	R .	ADJ W	W	WWR .	ADJ	YW.	YWR	Te	est ADC	GR GR
		1			539	9	96	10:	13	91			
	Dam's Pro	duction	Record	d				Dam'	's Ultra	sound	Produc	ction Re	cord
	ACT BW	/ E	BWR	١	NWR	ΥW	/R	% IM	F	RE		Fat	RU Fat
				1	1-97	6-0	18	1-71		1-103		1-91	1-108

8878's dam is a 15 year old cow that has weaned 11 calves with a ratio of 97. Her 12th calf was born this February on her first heat. Sire is our 5126 bull. This bull should make outstanding cows with longevity.

Lot	22		OR Coi	mpleme	ent 614 <u>1</u>			
	Birth Dt:		gus GS	Bull	*19		Tattoo:	8197
	CED		WW	, Y	W		DMI	ΥH
	+9 .25		+42 .4	+75	.31		25 .31	+.1 .30
	SC		HP	CEN	Λ		MW	MH
	39 .33	A	8.4		1	3	+10 .25	+0 .29
	\$EN	<u> </u>		Marb		Æ	Fat	\$W
	+3.53	+35		+.45	A	6 .29	+.070 .25	+46.77
Feed		EF Con		Ba	P1	42 [NHC	-AMF-XF]	\$F
Test			\		Enten	se 6117		+35.21
ADG	DR Complem	ent 1774 6	14		1 0		- V=	\$G
2.31	18679754	DFDR P	Prince		d Grade	[AMF-CA	F-XF]	+27.50
DMI		5.5			Belle 6i6	1007		\$QG
23.02					ade 21	11 IAMF-	DDF-OSF1	+28.77
RFI		DFDR Y	7			٠	•	\$YG
-0.81	DR Princess I	Relle 412		SE	870	2123 [A	MF-NHF]	-1.27
F:G	18720918			N Ba		0806 [AN	IF-CAF-XF]	\$B
7.95		Dr	B	ell D806		040.4	F4	+117.00
				Sam's P		012 1	51	
	BW CE		71 MA	V WWR		'R	Test ADG	GR
			593	96				
	Dam's Prog				Dan		oduction Rec	ord
	ACT B		WWR	YWR	% IMF		Fat	RU Fat
			1-96	1-98		<u> </u>		

Lot	24	DF	R Comp	lement	614	11 82	07 [DD)P]		
	Birth Dt: 03	3/04/18	Angus GS	Bull		*1918	3958	- Tattoo:	8207	
	CED	BW	, WW	/	ΥW	, RA	ADG	DMI ,	ΥH	
	+8 .29	5 .4	+41	.44 +75	.35	+.26	5 .34	49 .34	+.1 .35	
	SC	Doc	HF	CE	M .	Mi	lk	MW	MH	
	+.58 .37	+7 .3	+3.4	.18 +11	.24	+22	.27	-37 .29	3 .34	
	\$EN	CW		Marb			RE	Fat	\$W	
	+12.90	+41	38	+.65 .33	3	+.74	1 .33	+.024 .29	+49.00	
Feed Test		EF Co	mplement				42 [NHC-/	AMF-XF]	\$F	
Test	DD Commis			FF Fve		Entens	e 6117		+40.79	
ADG	DR Comple	ment 1774	וטטן ויאוס	•	Vield i	Grade (AMF-CAF	-YE1	\$G	
3.13	18679754	DFDF	R Princess			Crauc [AWII -CAI	-7(1)	+41.24	
DMI				DR Eri	ca Bel	lle 6i6 1	007		\$QG	
22.28				Garder	ns Hia	hmark i	ΙΔΜΕ-CΔΕ	-XF1	+36.34	
RFI		Garde	ens Wave [AMF-CAF-X						
-1.06	DR Kiltie P	rido 123 17	01 rose1	Green	Garde	en Lady	6255 S2	2	+4.90	
F:G	18761062	1146 125 17	01[031]	DR Loa	ad Up	870 08	48		\$B	
7.11		DR Ki	Itie Pride 8						+147.70	
	-			DR Kilt	ie Prid	de 870	0895			
	BW C	E BWF	R ADJ W	W WWI	R A	OJ YW	YWR	Test ADG	GR	
		1	60:	1 97	7	1105	97			
	Dam's Produ	ction Record			D	am's Ult	rasound P	roduction Red	cord	
	ACT BW	BWR	WWR	YWR	%	IMF	RE	Fat	RU Fat	
			1-97	1-97						

Lot	26	DR	Wave 51	26 8895	[DDP-AMF-	OSF]						
	Birth Dt: 02	2/24/18 Ar	ngus GS	Bull	19214887	Tattoo:	8895					
	CED	BW	ww	YW	RADG	DMI ,	ΥH					
	+12 .27	-1.4 .43	+50 .44	+99 .35	+.19 .32	+.56 .32	+.7 .34					
	SC	Doc	HP	CEM	Milk	MW	MH					
	+.98 .38		+6.6 .1		+32 .28	+4 .28	+.3 .32					
	\$EN	CW		Marb	RE	Fat	\$W					
	-13.50	+46 .37	+	.62 .31	+.54 .32	+.027 .28	+60.67					
Feed Test		Garden	s Wave [AM		ghmark [AMF-C	CAF-XF]	\$F					
	DR Wave 1	701 5126 IDD	F-OSF1	Green Gard	en Lady 6255	S2	+56.76 \$G					
ADG 3.43	18372461	DR Wave 1701 5126 [DDF-OSF]										
DMI					ess Bell 8012		\$QG +35.35					
30.32 RFI		GARE	EXT 498	N Bar Emula	ation EXT [AMI	F-CAF-XF]	\$YG					
-1.11	Dunmor Kil	tie Pride 498	3 6788	V I VVCSLWII	iu 13		+2.09					
F:G	15600151	DD ele	Kiltie Pride		B20 6807 [AM	F-CAF-XF]	\$B					
8.83		DK 616	Killie Pilde		e Pride 9692		+138.09					
	BW C	E BWR	ADJ WW	WWR A	DJ YW YWF	R Test ADG	GR					
		2	625	112	1302 117	7						
	Dam's Produc	ction Record			Dam's Ultrasoun	d Production Rec	ord					
	ACT BW	BWR	WWR `	YWR %	IMF RE	Fat	RU Fat					
			8-106	5-108								

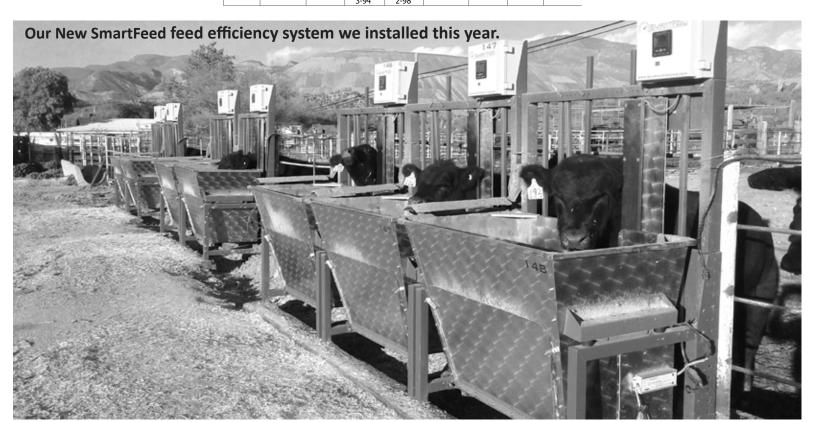
 $8895\mbox{'s}$ dam is one of our all time best producers. She raised one of our past herdsires. She has had 8 calves that have averaged 106 at weaning and 5 that averaged 107 at yearling. This bull weaned 12% above his peers.

Lot	27	DR	Kiltie	Prid	le 515	52 4	140	DDP-	OSF]	
	Birth Dt: 03	/03/18	Angus GS	; E	Bull		1921	4883	Tattoo:	8152
	CED	BW	W	W .	Y۱	W	. RA	ADG .	DMI	ΥH
	+5 .19	+1.1 .3	32 +39	.38	+75	.26	+.24	1 .15	16 .15	+.5 .23
	SC	Doc	, F	HP.	CEM	1	Mi	lk	MW	MH
	+0 .28	-7 .1	19 +5.2	2 .09	+8 .	.14	+23	.19	-26 .18	+0 .22
	\$EN	CW		Ν	Marb	Ι,	1	RE	Fat	\$W
	+8.58	+23 .	29	+.9	98 .22		+.57	.24	008 .19	+41.37
Feed Test		Garde	ens Wave		Gardens		hmark	AMF-CA	AF-XF]	\$F
	DR Kiltie Pr	ido 4440 r	DDE 00E1	, (Green G	arde	n Lady	6255 9	32	+35.44
ADG	18020074	140 ti	DDF-03F]	(3 A R Y	ield (Grade (AMF-CA	AF-XFI	\$G
3.51	18020074	DFDF	R Kiltie Pri]	+53.51
DMI				N	MLCC-K	ÜLTII	É PRID	E-8788	3	\$QG
24.11 RFI		Garde	ens Wave		Gardens		hmark	AMF-CA	AF-XF]	+45.44 \$YG
	DD WING D			Ò	Green G	arde	n Lady	6255 8	32	+8.07
F:G	DR Kiltie Pr 17865663	10e 1701 3	895 [AMF		SARE	YT 1	QΩ			\$B
6.87	17803003	Dunm	or Kiltie F				.30			+115.67
0.07				[OR 616 P	Kiltie	Pride 1	758		
	BW C	E BWF	R ADJ \	٧W	WWR	ΑE	J YW	YWR	Test ADG	GR
		1	5	59	100		1113	100		
	Dam's Production Record Dam's Ultrasound Production							Production Red	cord	
	ACT BW	BWR	WWR	Y	WR	%	IMF	RE	Fat	RU Fat
			4-100	3	-97					

Another son of our 4140 bull with excellent carcass RADG and DMI numbers.

	Birth Dt: 0	3/15/18	Angus GS	Bull	NOT R	egistered	Tattoo:	8186
	CED	BV	V WV	V \	W R	ADG	DMI	ΥH
	SC	Do	с Н	P CE	M N	lilk	MW	МН
	\$EN	CV	V .	Marb		RE .	Fat	\$W
ed st			R Yield Gra	de [AMF-CA	Precision 16 .F-XF] Ext 4526 [AN	•	HC-OSF]	\$F
)G 76	DR Yield (17545676		CC-BLOSSO	DSF] Dun Mo	or Rito 6I6 o	•		\$G
ll 912				Dun Mo	or Blossom	198 4764		\$QG
-1	186							\$YG
G	186 BIR 62481	13592						\$B
.93								
	BW	CE BW	/R ADJ W	/W WWF	R ADJ YW	YWR	Test ADG	GR
		1	51	6 103	1046	100		
	Dam's Prod	uction Reco	rd		Dam's U	trasound Pr	oduction Rec	ord
	ACT BW	BWR	WWR	YWR	% IMF	RE	Fat	RU Fat

*	*	Lot	29				DR K	iltie	Pri	de 4	4140 8	3166	i		
			Birth D	t: 05	/15/18	Ang	jus GS	В	Bull		*1940	3072		Tattoo	o: 8166
			C	CED	BV	٧ .	WV	٧ .	,	ΥW	, RA	ADG ,		DMI ,	ΥH
			I+7	7 .05	I+.9	.05	I+36	.05	I+70	.05	I+.2	1 .05	I1	7 .05	I+.2 .05
				SC	Do	C	H	Р	CE	M	Mi	lk	N	IW .	MH
			I+.5	58 .05	I+5	.05	I+10.0			.05	I+20	.05	I+10	5 .05	I+.1 .05
			\$E	N	CV	V		Λ	/larb			RE		Fat	\$W
			+	9.51	I+15	.05		I+.6	7 .0	5	I+.22	.05	I+	.030 .0)5 +30.87
		eed			Con	dono	Wave [ghmark	[AMF-C	AF-XF]		\$F
	Ш	est					•				en Lady	6255	S2		+28.87
	Α	DG			ide 4140	[DDF	-OSF]								\$G
	3	.58	18020	074	DEL)R Ki	Itie Prid				Grade [AMF-C	AF-XF]		+40.21
	D	MI			D. L	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1110 1 110				ie prid	E-878	8		\$QG
	23	3.11							Raein F	Franc	hise P1	12 INIH	C-AME	-YE1	+37.09
	R	₹FI			EF (Comp	olement	808	8 [AMF	-CAF	-XF]	•		-7/1]	\$YG
			DD I a	dv Bo	ulah 412)	ME1	Е	EF Eve	erelda	Entens	e 611	7		+3.12
ı	F	:G	*1804	•	ulali 412	. J [AI	•,	١	N Bar F	Prime	Time D	806 rA	MF-CA	F-XF1	\$B
ĺ	6	.45	1001	0000	DR	Lady	Beulah	Prin	ne 010)5				1	+84.37
								N	ИLCC	Lady	Beulah	616-71	124		
			BW	С	E BW	/R	ADJ W	W	WWI	R A	DJ YW	YWF	₹ T	est AD	G GR
					1		56	2	100	5					
			Dam's	Produc	tion Reco	rd				. [Dam's Ult	rasoun	d Produ	ction Re	ecord
			ACT	BW	BWR	1	WWR	Y	WR	%	IMF	RE		Fat	RU Fat



2019 SALE Heifers

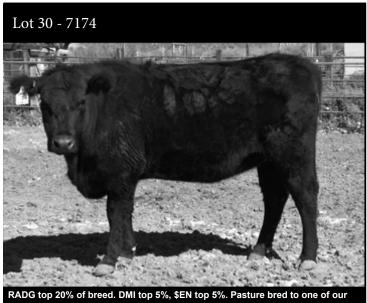
ot 30	DR E	legant L	ady 41	40 7174 [D	DP]							
Birth Dt: 02/2	22/17 i5	OK C	ow	*19007601	Tattoo:	7174						
CED	BW .	WW .	YW	RADG	DMI	ΥH						
+3 .27	+2.1 .43	+43 .39	+75 .34	+.27 .21	44 .21	+.1 .32						
SC	Doc	HP ,	CEM	Milk	MW	MH						
25 .36	-2 .28	+9.4 .16	+5 .22	+18 .24	-9 .26	2 .31						
\$EN	CW	N	larb	RE	Fat	\$W						
+13.91	+27 .35	+.4	2 .31	+.61 .31	019 .27	+38.61						
	Gardens \	Nave [AMF-	CAF-XF]	hmark [AMF-CA	•	\$F +38.40						
DR Kiltie Prid	le 4140 [DDF-	osf]	ireen Gard	en Lady 6255 S	2	\$G						
18020074	DFDR Kiltie Pride 229 2114 [AMF]											
		N	ILCC-KILTI	IE PRIDE-8788		\$QG						
	DFDR De	catur 1103		55H [AMF-CAF-	XF]	+27.50 \$YG						
DR Elegant L	adv 1103 51		ILCC Kiltie	Pride616-7148		+8.62						
18407156	•			Grade [AMF-CA	F-XF]	\$B						
	DEDK HO			ence 870 0878		+112.10						
BW CE	BWR	ADJ WW	WWR A	DJ YW YWR	Test ADG	GR						
1		457	100									
Dam's Production	on Record			am's Ultrasound	Production Rec	ord						
ACT BW	BWR V	WR YV	VR %	IMF RE	Fat	RU Fat						
	2-	100										

Lot 31	DR Kiltie	Pride 414	7138	SF]	
Birth [₹ i50K	Cow	198	Tattoo:	7138
C.	∨ . ∨	VW YW	<u> </u>	DMI ,	ΥH
+11	7 +3	31 .41 +58 .	30	52 .18	+.4 .28
SC		HP CEM		MW	MH
+.63 .32	+11	.1 .11 +15	<u>.</u> \$	-25 .23	+.1 .27
\$EN		Marb	Æ	Fat	\$W
+9.14	+7	+.53	64 .27	061 .23	+36.79
	0.7	Gz	ark [AMF-CA	AF-XF]	\$F
	Gart	MF*	n Lady 6255 S	32	+18.59
DR Kiltie Pric	de 4140 [D		· ·		\$G
18020074	DFDR Kilt		d Grade [AMF-CA	NF-XF]	+42.60
	DI DIN KIILI		LTIE PRIDE-8788	3	\$QG
					+32.12
	DR Load		ad Up 7144		\$YG
DD Kilds Dale	1- 070 04		cise 4785		+10.48
DR Kiltie Prio	ie 870 27		7144		\$B
17347946	DF	370 085	7 144		+134.35
		Duni	498 67	88	
BW CE	ارد	ww wwk	YWR	Test ADG	GR
		454 93			
Dam's Prog		, 55	7	Production Rec	ord
ACT P	WWF	R YWR	% II.	Fat	RU Fat
	5-103	3-101			
A	450/ 54	DO 1 40/			A D

Another heife top 15% RADG, top 4% DMI, top J, top 30% \$ Beef. Sells pasture bred to one of our herdsires to calve early July. Will provide breeders certificate when determined.

Lot 33	DR Ele	gant La	ady 812	20 2102	[AMF	-OSF]				
Birth Dt: 02/	01/18 Ang	us GS (Cow	19214	549	Tattoo:	8120			
CED	BW	WW	YW	/ RA	DG _	DMI	ΥH			
+2 .33	+3.3 .48	+67 .47	+122	39 +.30	.28	+.25 .28	+.9 .39			
SC	Doc	HP	CEM	Mil	k .	MW	MH			
+.61 .40	+11 .34	+9.0 .24		9 +27	.35	+47 .36	+.5 .39			
\$EN	CW		Marb	F	RE ,	Fat	\$W			
-17.66	+55 .42	+.	.90 .37	+.58	.37	016 .33	+60.84			
	SydGen (C C & 7 [AI		nnection [Al	MF-CAF-	XF]	\$F +94.52			
Hoover Dam	Hoover Dam [AMF-CAF-XF] SydGen Forever Lady 4087 [AMF]									
#*16124994	Erica of E	Ellston C12	24	on 258 [AMI	F-CAF-XF	-]	+48.32			
				llston V65			\$QG +43.61			
	MLCC Lo	ad Up 714	14	R Load Up 4	-	MC-CAF-XF]	\$YG +4.71			
DR Hobo Ele	ence 870 087	В	Dull Mol I	EAT 490 UI	3742					
16788491	Dun Mor	Elegance	5768 616	f 4B20 680	-	CAF-XF]	\$B +176.32			
	DR 613 Elegance 9718									
BW C	E BWR	ADJ WW	WWR	ADJ YW	YWR	Test ADG	GR			
1	.	630	121							
Dam's Produc	tion Record			Dam's Ultr	asound P	roduction Rec	ord			
ACT BW	BWR \	/WR `	/WR	% IMF	RE	Fat	RU Fat			
	6	-110 2	2-104							

Top 10% weaning wt, top 5% yearling wt, top 10% RADG, top 10% Marbling, top 20% fat, top 15% in all $\$ values and top 5% \$Beef. Sells open with A.I. privilege to our herdsires.



RADG top 20% of breed. DMI top 5%, \$EN top 5%. Pasture bred to one of our sires to calve mid July. Will provide breeder's certificate when sire is determined.

32 DR Hobo Elegance 4140 7120 [AMF-OSF]														
Birth Dt: 0	2/19/17	i50K	Co	w	1903	8935	Tattoo	: 7120						
CED	, B\	// . W	w .	YW	, R	ADG .	DMI	ΥH						
-3 .25	+4.2	.41 +47	7 .43	+82 .34	+.3	1 .21	60 .21	+.6 .31						
SC	Do	oc l	HP ,	CEM	Mi	lk	MW	MH						
+.75 .3	5 -2	.26 +11.	9 .14	+4 .20	+13	.26	+8 .27	+.2 .31						
\$EN	CV	٧ .	М	arb		RE	Fat	\$W						
+15.76	+28	.35	+.86	.29	+.60	30 .30	046 .2	6 +27.55						
Gardens Highmark [AMF-CAF-XF] Gardens Wave [AMF-CAF-XF]														
DR Kiltie I	Pride 4140	[DDF-OSF]		reen Gard				+51.37 \$G						
18020074	DF	OR Kiltie Pr	ide 229		IF]		•	+52.58						
				LCC-KILT				\$QG +42.46						
	MLO	CC Load U	7144				[AMC-CAF-XF]	\$YG						
Dun Mor EXT 498 of 5742 DR Hobo Elence 870 0878														
16788491	Dun	Mor Elega		ito 616 of 4 68 616	B20 68	07 [AMF	-CAF-XF]	\$B +135.57						
			D	R 613 Ele	gance 9	718								
BW	CE BV	VR ADJ	WW	WWR A	DJ YW	YWR	Test ADC	G GR						
	1	5	54	113										
Dam's Prod	uction Reco	ord			Dam's Ult	rasound	Production Re	cord						
ACT BW	BWR	WWR	YV	/R %	IMF	RE	Fat	RU Fat						
		6-110	2-1	04										

Sells pasture bred to one of our herdsires to calve early July. Will provide breeders certificate when sire is determined.



Top 10% weaning wt, top 5% yearling wt., top 10% RADG, top 10% Marbling, top 20% fat, top 15% in all \$ values and top 5% \$Beef. Sells open with A.l. privilege to our herdsires

COMMERCIAL OPEN HEIFERS

Lots 34 thru 40 or so

We have chosen These heifers based on Maternal traits:

Igenity Birth Weight, Calving Ease Direct, Calving Ease Maternal, Stayability, Heifer Pregnancy, Docility, Milk. These heifers are age and source verified, born last spring and weigh about 700 lbs. They are also Certified Natural (NHTC), Certified Angus, Vac 45, Dunn Ranches Genetics. They have superior genetics for calving ease, stay ability, efficiency, and weaning weight. They will sell open and ready to breed. Most are straight black. There will also be some black baldies. This is a chance to buy replacement cattle with much more confidence than eyeballing them.



These are the Commercial Open Heifers we have to offer.

Animal	Igenity Production	Igenity Maternal
ID	Index	Index
Lot 34	-	0.05
743	7.35	6.95
179	7.30	6.50
160	6.15	6.40
115	5.55	6.30
297	6.60	6.30
Lot 35	E 45	0.00
242	5.15	6.20
11	4.95	6.15
182	5.95	6.10
325	6.35 4.85	6.10 6.10
	4.00	0.10
Lot 36	C 25	C 10
340	6.35	6.10
80	5.05	6.05
202	5.35	6.05
280 32	6.15 6.75	6.05 6.00
Lot 37	0.75	0.00
	4.00	0.00
208 231	4.80 5.75	6.00 6.00
347	6.05	6.00
71	6.10	5.95
165	5.60	5.95
Lot 38	3.00	5.95
359	6.10	5.95
232	5.35	5.90
241	5.95	5.90
264	6.05	5.90
329	5.35	5.90
Lot 39	0.00	0.00
56	5.20	5.85
33	4.60	5.80
47	5.65	5.80
200	5.60	5.80
274	5.25	5.80
Lot 40	3.23	0.00
62	5.40	5.75
267	5.15	5.75
133	5.65	5.70
197	5.70	5.70
215	5.15	5.70

Animal	Igenity Production	lgenity Maternal
ID	Index	Index
Lot 41		
259	6.10	5.70
136	5.00	5.65
187	4.95	5.65
734	6.20	5.60
55	4.65	5.55
Lot 42		
85	4.80	5.55
159	4.90	5.55
31	5.55	5.50
54	4.40	5.50
250	4.90	5.50
Lot 43		
172	5.10	5.45
222	5.65	5.45
228	6.25	5.45
265	5.40	5.45
12	4.70	5.40
Lot 44		
230	5.45	5.40
674	4.45	5.40
184	4.90	5.35
100	4.55	5.30
121	4.95	5.30
Lot 45		
126	4.60	5.30
281	6.25	5.30
701	4.95	5.30
113	5.35	5.20
334	5.45	5.20
Lot 46		
189	5.05	5.15
192	4.95	5.15
339	4.45	5.15
392	5.95	5.15
138	5.00	5.10
Lot 47		
350	5.35	5.10
40	4.75	5.05
178	5.65	5.05
137	5.25	5.00
227	4.35	4.80

Igenity Beef Profile Powered by Neogen ® - Using Indexes

Indexes allow for selection pressure on multiple traits at the same time, depending on a producer's breeding objectives. Producers today are likely to believe more than a single trait is important. Furthermore, it is not difficult to believe selection for one trait would impact other traits as well. For example, selection for increased weaning weight is likely to result in increased yearling weight and average daily gain. While Igenity Profiles provide index values centered around total production, maternal, or terminal breeding programs, the **beef** dashboard allows individuals to also design an index tailored to their needs.

Igenity Production Index

The Igenity Production index balances maternal traits with gain and carcass characteristics, placing a large emphasis on stayability and marbling, with a negative emphasis on residual feed intake.

This index is designed for producers wanting to keep their own replacement females while marketing calves at harvest on a grid.

*Herd results may vary dependent on individual selection intensity.

Reading the Chart

Selection Pressure: The amount of emphasis placed on the animal's breeding value for that trait.

Traits: Each MBV reported in an Igenity **Beef** Profile. **Impact on 1-10 Scores:** This is the estimated change in Igenity scores following one generation of selection using this index. These impacts are graphically provided in the chart.

Production Index Trends – How to Interpret

- Significant increases in marbling and ADG due to larger emphasis.
- Igenity score for stayability increased almost a full point.
- Overall a positive increase in maternal, terminal, growth, and maintenance traits.

	lge	nity Pı	roductio	n Index	(IPI)	
Selection Pressure	Traits	Impact on 1-10 Scores	-1	Production I	ndex Trends	2
	BW	-0.43	BW	• •		
	CED	0.66	CED			
10%	CEM	0.39	СЕМ		• •	
30%	STAY	0.91	STAY		هند	
	HPG	0.50	HPG		o de la companya della companya della companya de la companya della companya dell	
	DOC	0.10	DOC		:	
	MILK	0.19	MILK			
-15%	RFI	0.06	RFI	0		
15%	ADG	1.05	ADG			
	ww	0.58	ww			
	YW	0.83	YW		-	
	HCW	0.56	HCW			
	REA	0.33	REA			
20%	MARB	1.17	MARB			
10%	TEND	0.63	TEND			
	FAT	0.57	FAT		•	
	10% 30% -15% 15%	Selection Pressure BW CED 10% CEM 30% STAY HPG DOC MILK -15% RFI 15% ADG WW YW HCW REA 20% MARB	Selection Pressure Traits Impact on 1-10 scores BW -0.43 CED 0.66 10% CEM 0.39 30% STAY 0.91 HPG 0.50 DOC 0.10 MILK 0.19 -15% RFI 0.06 15% ADG 1.05 WW 0.58 YW 0.83 HCW 0.56 REA 0.33 HCW 0.63 20% MARB 1.17 10% TEND 0.63	Selection Pressure Traits on 1-10 scores Impact on 1-10 scores -1 BW -0.43 BW CED 0.66 CED 10% CEM 0.39 CEM 30% STAY 0.91 STAY HPG 0.50 HPG DOC MILK 0.19 MILK RFI -15% APG 1.05 ADG WW 0.58 WW YW 0.83 YW HCW 0.56 HCW REA 0.33 REA 20% MARB 1.17 MARB 10% TEND 0.63 TEND	Selection Pressure Traits Impact on 1-10 Scores Production In 1-1 O Scores BW -0.43 BW CED 0.66 CED 10% CEM 0.39 CEM 0.39 CEM 30% STAY 0.91 STAY HPG DOC MILK 0.19 MILK -15% RFI 0.06 RFI 15% ADG 1.05 ADG WW 0.58 WW YW 0.83 YW HCW 0.56 HCW REA 0.33 REA 20% MARB 1.17 MARB 10% TEND 0.63 TEND	Traits

Igenity Maternal Index

The Igenity Maternal index places emphasis on fertility, reproduction and weaning weight, with a negative emphasis on yearling weight. This is an attempt to control mature cow size in those heifers chosen as replacements.

This index is designed for producers wanting to keep their own replacement females and market calves at weaning.

Reading the Chart

Selection Pressure: The amount of emphasis placed on the animal's breeding value for that trait.

Traits: Each MBV reported in an Igenity **Beef** Profile. **Impact on 1-10 Scores:** This is the estimated change in Igenity scores following one generation of selection using this index. These impacts are graphically provided in the chart.

Maternal Index Trends – How to Interpret

- Improved stayability and cow maintenance trends.
- Modest increases in milk.
- Still favorable impacts on gain and carcass traits.

*Herd results may vary dependent on individual selection intensity.

		lg	enity I	Maternal	Index (II	MI)	
	Selection Pressure	Traits	Impact on 1-10 Scores	-1	Maternal Inde	ex Trends	2
		BW	-0.29	BW			
	5%	CED	0.61	CED			
lal	5%	CEM	0.47	CEM			
Materna	25%	STAY	0.95	STAY			
Maj	5%	HPG	0.26	HPG			
		DOC	0.02	DOC	0 :		
		MILK	0.28	MILK			
<u>_</u>	-10%	RFI	0.22	RFI			
ctio		ADG	0.47	ADG			
Production	30%	ww	0.60	ww			
Pr	-20%	YW	0.43	YW			
		HCW	0.25	HCW			
s_		REA	0.47	REA MARB			
Carcass		MARB	0.52	TEND			
Car		TEND	-0.09	FAT			
		FAT	0.19				

						,																												
	(\$YG)	-0.15	0.70	1.36	4.20	1.75	5.54	6.82	6.61	10.27	2:35	3.26	2:35	-0.93	4.60	2.22	7.41	3.46	3.49	-1.91	4.26	7.81	-1.27	1.24	4.90	8.54	2.09	8.07		3.12	8.62	10.48	66.6	4.71
	(\$QG)	47.42	29.23	29.68	35.35	41.88	39.44	37.98	37.09	40.03	20.39	47.42	40.86	42.46	40.86	44.54	18.30	50.80	43.61	39.18	22.33	47.42	28.77	35.72	36.34	33.18	35.35	45.44		37.09	27.50	32.12	42.75	43.61
	(\$B)	135.28	163.95	133.14	28	105.35	27.77	137.36	130.16	135.40	107.50	79.62	153.40	128.13	121.69	114.30	116.90	103.90	20.66	112.90	104.34	109.39	117.00	111.25	147.70	09.99	138.09	115.67		84.37	112.10	134.35	137.34	176.32
	(\$G)	.27	.93	.04	.55	.63	86	80	43.70 13	30	71	50.68	43.18	41.53 12	45.46 12	46.76 11	25.71 17	54.26 10	47.10 9	37.27 1	26.59 10	55.23 10	27.50 11	36.96 17	41.24 14	41.72 6	.44	51		21 8	36.12 17	42.60 13	74	48.32 17
		.67 47	.88 29	82 31	.78 39	.80 43	.85 44.	44		79 50.	34 22.					02 46							_				37	44 53.		87 40.			.66 52	
) (\$F)	.38 48.0	82.	6 54.82	.61 71.	.21 15.8	8	.10 39.75	6 23.40	6 35.79	.58 23.34	7 -5.14	1 58.26	0 51.33	3 18.93	5 12.02	1 32.11	2 47.81	3 45.24	3 48.77	3 29.23	7 32.32	7 35.21	9 4.61	0 40.79	0 1.82	7 56.76	7 35.44		28.	1 38.40	9 18.59	51	4 94.52
	(\$W)	52	64.10	90.09	42.	33.	26.02	89	47.26	31.16	36	28.57	53.61	06.99	47.53	32.75	54.41	45.32	41.43	54.53	44.73	40.77	46.77	58.19	49.00	23.60	. 60.67	41.37		30.87	38.61	36.79	29.11	60.84
	Fat	0.067	0.025	0.026	0.014	0.025	0.022	-0.002	0.008	-0.014	0.015	0.064	0.030	0.055	0.033	0.027	-0.006	0.028	0.002	0.075	0.033	-0.010	0.070	090.0	0.024	0.020	0.027	-0.008		0.03	-0.02	-0.06	-0.05	-0.016
	RE	0.58	0.65	0.43	0.44	0.12	0.19	0.69	0.66	0.92	0.34	0.46	0.65	0.42	0.58	0.26	0.73	0.25	0.07	0.38	0.63	0.52	0.46	0.54	0.74	0.61	0.54	0.57		0.22	0.61	0.64	0.60	0.58
	Marb	1.07	0.46	0.47	0.62	0.84	0.75	0.70	0.67	22.0	0.27	1.07	08'0	98'0	08'0	0.94	0.23	1.24	06'0	0.74	0.31	1.07	0.45	0.63	99.0	99.0	0.62	96'0		0.67	0	1	1	0.90
<u>S</u>	CW	38	64	44	32	21	0	38	32	31	38	6	20	40	27	26	38	16	19	30	33	23	35	31	41	2	46	23		15	27	35	29	55
Selection Tools	\$EN	7.46	-13.41	-11.72	-7.47	9.09	20.56	-14.21	-3.65	15.73	16.80	-0.38	-7.57	-5.26	4.06	2.49	3.19	-1.15	0.16	-6.21	-1.93	15.38	3.53	-7.49	12.90	21.56	-13.50	8.58		9.51	14	6	16	-17.66
	МН	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	-1	0	0	0	0		0	0	0	0	_
O	MW	2	32	21	52	-3	-14	27	1	12	3	1	9	6	-41	21	4	22	20	28	27	-24	10	-20	-37	20	4	-26		16	6-	-25	7	47
cti	Milk	19	27	30	24	24	18	34	32	15	14	33	59	56	32	27	24	24	20	27	56	17	24	38	22	14	32	23		20	18	26	13	27
ele	CEM	6	6	8	2	10	13	2	11	6	7	8	-1	15	10	15	13	12	7	14	11	4	8	10	11	8	11	8		11	2	15	4	5
S	HP	10.80	11.50	3.10	7.80	7.40	8.40	12.30	5.70	6.20	1.70	14.80	12.00	8.70	12.00	8.60	12.40	7.80	12.70	7.90	6.80	12.90	3.40	13.20	3.40	8.80	09.9	5.20		10	6	11	12	9.00
	Doc	12	22	20	13	4	-2	17	17	12	8	2	22	11	9	12	9	4	1	14	12	-7	16	22	7	17	17	2-		5	-2	3	-2	11
	SC	92.0	0.36	06.0	0.33	0.71	0.11	1.50	-0.06	0.67	99.0	0.94	1.09	1.70	0.93	66.0	0.13	1.32	0.42	-0.04	0.34	1.10	-0.39	0.15	0.58	0.93	0.98	0.00		0.58	-0.3	9.0	0.7	0.61
	ΥН	0.1	0.2	0.5	0.5	6.0	-0.1	0.3	0.5	0.3	0.4	0.3	0.3	0.1	-0.1	0.2	0.2	0.4	0.3	-0.2	0.2	0.2	0.1	-0.3	0.1	0.1	0.7	0.5		0.2	0.1	0.4	9.0	6.0
	DMI	0.34	0.47	0.24	-0.38	-0.55	-0.38	-0.03	-0.55	-0.49	0.27	-0.29	0.41	69'0	-0.62	-0.30	-0.02	-0.18	0.04	0.08	0.13	0.28	-0.25	-0.13	-0.49	-0.49	95.0	-0.16		-0.2	-0.44	-0.52	-0.56	0.25
	RADG	0.17	0.25	0.20	0.32	0.21	0.19	0.21	0.24	0.25	0.14	0.12	0.24	0.13	0.22	0.17	0.20	0.20	0.21	0.17	0.18	0.18	0.19	0.12	0.26	0.14	0.19	0.24		0.21	0	0	0	0.30
	YW	93	116	96	96	99	52	82	62	71	22	42	26	101	25	99	79	84	87	83	9/	81	75	99	75	48	66	75		70	22	28	83	122
	WM	52	61	54	48	31	26	47	35	38	49	19	47	69	31	29	20	45	20	49	42	46	42	35	41	30	20	39	ered	36	43.0	31.0	48.0	29
	BW	-1.7	0.2	1.3	0.5	0.0	-2.3	-0.3	-1.6	6.0-	3.5	-2.6	-0.3	0.2	-0.8	-1.7	1.6	-0.2	1.8	-1.0	-0.4	2.6	-1.2	-3.1	-0.5	-2.1	-1.4	1.1	Registered	6.0	7 7	-	4 6	3.3
	CED	10	12	3	4	8	16	7	13	12	2	11	2	10	10	13	3	10	2	11	6	0	6	14	8	6	12	2	NOT	7	3	11	-3	2
	Tag	8168	8123	8113	8160	8121	8125	8126	8138	8140	8141	8149	8157	8158	8159	8163	8171	8172	8173	8177	8191	8192	8197	8206	8207	8878	8895	8152	8186	8166	7174	7138	7120	8120
	Lot	1	2	3	4	2	9	7	8	6	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			33

PRODUCTION EPDs

Calving Ease Direct (CED), is expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers. It predicts the average difference in ease with which a sire's calves will be born when he is bred to first-calf heifers.

Birth Weight EPD (BW), expressed in pounds, is a predictor of a sire's ability to transmit birth weight to his progeny compared to that of other sires.

Weaning Weight EPD (WW), expressed in pounds, is a predictor of a sire's ability to transmit weaning growth to his progeny compared to that of other sires.

Yearling Weight EPD (YW), expressed in pounds, is a predictor of a sire's ability to transmit yearling growth to his progeny compared to that of other sires.

Residual Average Daily Gain (RADG), expressed in pounds per day, is a predictor of a sire's genetic ability for post weaning gain in future progeny compared to that of other sires, given a constant amount of feed consumed.

Dry Matter Intake (DMI), expressed in pounds per day, is a predictor of difference transmitting ability for feed intake during the post weaning phase, compared to that of other sires.

Yearling Height EPD (YH), is a predictor of a sire's ability to transmit yearling height, expressed in inches, compared to that of other sires.

Scrotal Circumference EPD (SC), expressed in centimeters, is a predictor of the difference in transmitting ability for scrotal size compared to that of other sires.

Docility (Doc), is expressed as a difference in yearling cattle temperament, with a higher value indicating more favorable docility. It predicts the average difference of progeny from a sire in comparison with another sire's calves. In herds where temperament problems are not an issue, this expected difference would not be realized.

MATERNAL EPDs

Heifer Pregnancy (HP), is a selection tool to increase the probability or chance of a sire's daughters becoming pregnant as first-calf heifers during a normal breeding season. A higher EPD is the more favorable direction and the EPD is reported in percentage units.

Calving Ease Maternal (CEM), is expressed as a difference in percentage of unassisted births with a higher value indicating greater calving ease in first-calf daughters. It predicts the average ease with which a sire's daughters will calve as first-calf heifers when compared to daughters of other sires.

Maternal Milk EPD (Milk), is a predictor of a sire's genetic merit for milk and mothering ability as expressed in his daughters compared to daughters of other sires. In other words, it is that part of a calf's weaning weight attributed to milk and mothering ability.

Herds (MkH) indicate the number of herds from which daughters are reported.

Daughters (MkD) reflects the number of daughters that have progeny weaning weight records included in the analysis.

Mature Weight EPD (MW), expressed in pounds, is a predictor of the difference in mature weight of daughters of a sire compared to the daughters of other sires.

Mature Height EPD (MH), expressed in inches, is a predictor of the difference in mature height of a sire's daughters compared to daughters of other sires.

Cow Energy Value (\$EN), expressed in dollar savings per cow per year, assesses differences in cow energy requirements as an expected dollar savings difference in daughters of sires. A larger value is more favorable when comparing two animals (more dollars saved on feed energy expenses). Components for computing the cow \$EN savings difference include lactation energy requirements and energy costs associated with differences in mature cow size.

CARCASS EPDs

Carcass Weight EPD (CW), expressed in pounds is a predictor of the differences in hot carcass weight of a sire's progeny compared to progeny of other sires.

Marbling EPD (Marb), expressed as a fraction of the difference in USDA marbling score of a sire's progeny compared to progeny of other sires.

Ribeye Area EPD (RE), expressed in square inches, is a predictor of the difference in ribeye area of a sire's progeny compared to progeny of other sires.

Fat Thickness EPD (Fat), expressed in inches, is a predictor of the differences in external fat thickness at the 12th rib (as measured between the 12th and 13th ribs) of a sire's progeny compared to progeny of other sires

Group/progeny (C Grp/ Pg and U Grp/Pg) reflects the number of contemporary groups and the number of carcass and ultrasound progeny included in the

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