

Turn out a High Profit, Reputation, \bigcap Leachman Bull.





Leachman East Coast Stabilizer Sale

55 Age-Advantaged Stabilizer Bulls • 50 Bred Heifers Saturday, November 21st, 2020 • 1:30 pm (EST)

Harward Brothers Livestock Market • Turnersburg, NC

\$Profit is making a big difference in our cow herd.

We are putting less feed into the cows and getting better production. The entire calf crop graded 93% Choice and over 50% CAB and higher. Out of our first calvers, 100% graded choice or higher. That's progress!

> ~ Eddie Clement, Manager Stirrup Bar Ranch Crawford, CO







Leachman Ω East Coast Stabilizer Sale

Age-Advantaged Stabilizer Bulls

Saturday, Nov. 21st

Sale Location

Harward Brothers Livestock Market 2207 Turnersburg Hwy., Turnersburg, NC

Schedule of Events:

8:30 am View offering 11:00 am Complimentary lunch 1:00 pm Keys to Profit Seminar

1:30 pm Stabilizer Sale



(252) 430-9595 ebharris@ebharris.com

To view or order sale catalog, visit us at www.leachman.com

Lee Leachman, Partner Jerrod Watson, Bull Customer Service (303) 827-1156 2056 West County Road 70, Fort Collins, CO (970) 568-3983 • www.leachman.com



2020 Leachman East Coast Stabilizer Sale

Saturday, November 21st, 2020 - 1:30 pm

Complimentary Lunch Served at 11:00 am.

Sale Day Phones:

Lee Leachman (970) 219-8519 Jerrod Watson (303) 827-1156 David Talley (704) 791-1385 Samantha Talley (704) 322-9974 Wes Minert (970) 568-5685

Auctioneer:

E. B. Harris (252) 430-9595

Special Female Consignment Selling After Bulls

Contact David or Samantha for more information

Delivery:

Bulls will sell FOB from the Sale Facility. Assistance with delivery can be provided. Contact David Talley for more information (704) 791-1385.

Terms of Payment:

Payment will be cash on day of sale.

Sale Location and Directions:

The sale will be held at Harward Brothers Livestock Market.
The address is: 2207 Turnersburg Hwy., Turnersburg, NC

Herd Health:

Bulls sell with a complete vaccination program and ready for turnout. They are guaranteed sound and healthy. They sell with a complete breeding soundness evaluation performed in October. All Bulls have been vacinated with two rounds of killed Anaplasmosis vaccine.

Retained Semen:

Leachman Cattle of Colorado retains 100% semen collection and sale interest in all Leachman Stabilizer bulls. If you wish to purchase semen rights, contact a Leachman Representative.

Leachman Cattle is proud of our local representatives - the Talley family.



Wil Talley, Paul Talley, Windell Talley, David Talley, and Samantha Talley

Reasons to Consider a Leachman Stabilizer Bull:

- Add hybrid vigor and muscle to your Angus cross cows.
- Stabilizer genetics adapt very well to fescue conditions.
- Reduce your herd's feed cost by using our feed efficiency selected bulls.
- Improve the marketability of your calves when sired by Leachman bulls.
- Use Leachman's unique \$Ranch & \$Profit indexes to make more money.
- Our bulls are developed professionally and are acclimated to the Carolinas.
- Unconditional, one-year quarantee on all bulls.

Schedule of Events:

8:30 am View offering

11:00 am Complimentary Lunch
1:00 pm Keys to Profit Seminar

1:30 pm Stabilizer Sale



(252) 430-9595 ebharris@ebharris.com

Talley family pictured at their bull and calf development center in Stanfield, NC. The Leachman bulls are kept at this facility for several months prior to the sale in 5 to 15 acre traps.



Are <u>all</u> small cows really efficient? There seems to be a big disconnect in today's beef industry. On sale day we want heavy, high quality steers to pay the bills. The rest of the time we want efficient cows to keep our costs as low as possible. Simply selecting for smaller cows with no regard for feed efficiency is not the answer. Likewise, selecting for shear growth with disregard for cost is just as poor of a strategy. The best way to make your cowherd truly efficient, and your calf crop earn more, is to use Leachman \$ProfitTM. This is the only index in the industry that works on both sides of the ledger (production AND cost). Cows that work! Steers that pay!

How \$Profit works:



\$Profit assumes that the average commercial bull will have 100 progeny over its lifetime. The model assumes that you keep 30% of your heifers as replacements and that you retain ownership on the remainder of the calves

through finishing and sell on a grid. We realize that many don't retain ownership, but doesn't it make the most sense to select from birth all the way to slaughter? Feedlots have already proven their willingness to pay premiums for superior Leachman sired calves.

Our simulation model then factors in all of the effects on both income and expense to come up with a net profit figure for each bull. \$Profit allows you to compare any two bulls and calculate the difference in profit that they are expected to generate in your herd. Let's compare a \$10,000 \$Profit bull to \$6,000 \$Profit bull (the average 2008 born Angus bull). The predicted difference between the bulls is \$4,000 or about \$40 per calf. \$Profit works for us and it will work for you too.

What traits are included in \$Profit:

\$Profit includes nearly every trait that impacts profitability.

The effect of most traits on profit is fairly simple to understand.

Here is the list of what is included and its effect:

Revenue Traits

- Calving ease = more calves
- Weaning and yearling EPD = more weight
- Fertility (days to conception) = more weight and more calves
- Carcass weight = worth more up to 1050 lbs.
- Marbling = valued based on grid premiums
- Ribeye area = value as impacts yield grade
- % Retail Product = more yield is more meat

Cost Traits

- Cow mature size = in general bigger eats more
- Cow intake = more intake costs more
- Feedlot feed efficiency = cost of gain

Some traits are not so easily characterized for \$Profit. Milk, for example, is a good thing until you get too much. When over +25, milk EPD has a more negative effect on fertility than it has a positive effect on weaning weight. There are a few traits not yet included in \$Profit: longevity, structure, and disposition. These traits are important but difficult to express in dollars.

Star System Explained:

Accuracy: The sire's level of accuracy is determined by the number of progeny that have been evaluated in the Leachman System.

- $\star\star\star\star\star$ Several progeny recorded, use with confidence (over 90% accurate).
- ★ Pedigree and individual data only (about 30% accurate).

Calving Ease: The predicted calving ease if you use the bull on heifers.

- $\star\star\star\star$ The easiest calving bulls in the industry.
- $\star\star\star\star$ Use on smaller heifers with minimal assistance needed.
- $\star\star$ Use on larger heifers with some assistance expected.

(If no stars are shown, the animal is recommended for use on cows only.)



Growth: A formula combines WW and YW to predict how much performance the sire will pass on to their progeny. $\star\star\star\star$ Most growth.

Maternal: An estimate of the maternal efficiency of the daughters this sire will produce. It includes cow size, milk, fertility and growth. $\star\star\star\star\star$ Keep these heifers! They will make the most profitable females in the business.

Feed/Carc: A formula that combines: gain, conversion, carcass weight and carcass merit to predict post weaning performance. ★★★★ Maximum overall value in your feeder calves.

Disposition: An observation of the sires disposition.

- $\star\star\star\star\star$ You can walk up to and touch.
- ★★★ Average respects flight zones and handles well, but is not a pet.
- ★★ Nervous.

Page 2 see video at www.leachman.com

Leachman financial indexes allow you to <u>HAVE IT ALL!</u>

\$Ranch: Profit from birth through weaning. Includes:

• Fertility, Milk, Growth

Cow feed intake and mature size

\$Feeder: Profit from weaning to harvest. Includes:

- Feed conversion
- Carcass value
- Carcass weight

\$ Indexes Explained:

		Dettei	
% Rank:	Average	Top 25%	Top 1%
\$Profit	\$7,012	\$10,799	\$22,000
\$Ranch	\$25	\$38	\$67
\$Feeder	\$60	\$97	\$205

\$Profit: Puts it all together. \$Ranch + \$Feeder.

One number that predicts your <u>bottom line!</u>

Feed:Gain: Difference in the amount of feed a bull's progeny will consume to produce one pound of gain.

Example: A -0.50 F:G EPD means this animal's progeny will consume 1/2 pound less feed per pound of gain than would progeny of a 0.00 F:G EPD sire.

Feed Intake: Difference in feed consumption of each of a bull's progeny in a 112 day feeding period.

Example: A steer whose sire has a -100 Intake EPD will eat 100 pounds less feed in 112 days than one whose sire had a zero Intake EPD.

Feed Efficiency Explained:

	Good	Better	Best
% Rank:	Average	Top 25%	Top 1%
Feed:Gain	0.04	-0.02	-0.18
Intake	18	-2	-54

Across Breed Comparisons

Dare to compare: You cannot afford to make mistakes in your breeding program! Choosing to use sires with incomplete or low value data can unknowingly make your herd less profitable – same work, same cost, poor results - unacceptable. Leachman ABC's are the most reliable and comprehensive EPD's in the industry. They are backed by a large (nearly a million), long-standing (over 30 years), multi-breed (over 15 breeds) database. Using this system assures you of making sound breeding decisions with minimal risk of failure.



	Good	Beπer	Best
% Rank:	Average	Top 25%	Top 1%
BW	2.2	0.8	-2.6
ww	38	46	65
YW	63	82	131
MILK	Preferenc	e based on er	nvironment
SC	0.47	0.74	1.38
HT	Preferenc	e based on er	nvironment
MAT WT	Preferenc	e based on er	nvironment
REA	0.41	0.54	0.87
IMF	0.14	0.28	0.60
CAR WT	819	835	877
BF	-0.05	-0.03	0.01

"I've used 151 Leachman Stabilizer bulls on my mama cows

I use only Stabilizer bulls.

Since 2005 I have owned 151 Leachman Stabilizer bulls. I like'em cause I can stay with Stabilizers all the way, not changing breeds to retain my hybrid vigor in my bulls, calves and cowherd."

Brett FosterBooneville, AR

My bulls do most of the work.

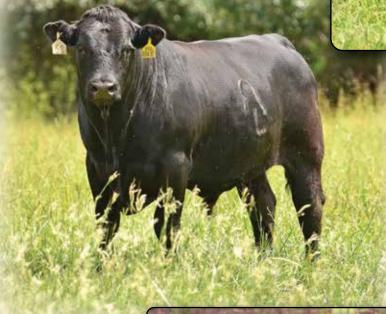
They service the cows and make my genetic improvement. They are the "profit driver" in my herd. Their \$Profit figures tell me everything I need to know. I keep it simple... The Leachman Stabilizer name and their Hairpin brand sure helps when time comes to sell the calves.

Petit Jean River Valley, AR

Young bulls acclimated and ready to go to work in January

The bulls pictured are long yearlings, summered on my grass and to be turned out to start breeding in January. There are 31 Stabilizer bulls in this group that I purchased in Leachman's March 2018 sale.





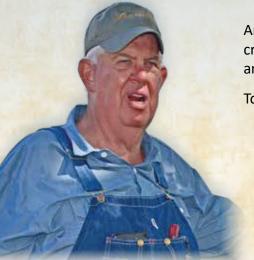




Multi-generation Stabilizer sired younger cows

Two year olds ready to calf

"We have a long family history of raising heavy calves. Then we used Leachman Angus bulls and later Leachman Stabilizer bulls....



And that is saying a lot because my grandfather back in 1931, was a share-cropper whose calves were known their heavy weights. Since then, Angus and Beefmaster were introduced into the herd.

Today, with the Leachman influence our calves...

- are 250 lbs. heavier with 650 lb. pay weights, usually marketed in Oklahoma City
- are more uniform in their type and weight
- better type, competing in the market place
- and we have less problems like bad feet and prolapses



I have successfully experienced lots of the multi-facets of the Leachman program. We have used upwards of 30 of their bulls. Also, we've Al'ed to their top sires and contracted embryo calves back to Leachman. They have a reputable program that's been widely recognized in the industry for decades."

James IsaacsMagazine, AR



Now, my herd is more uniform... my calves are heavier... and they are worth more."

"My three year olds along the road are ambassadors for my herd. They are real 'road stoppers'. Photo was taken out of vehicle on the highway."

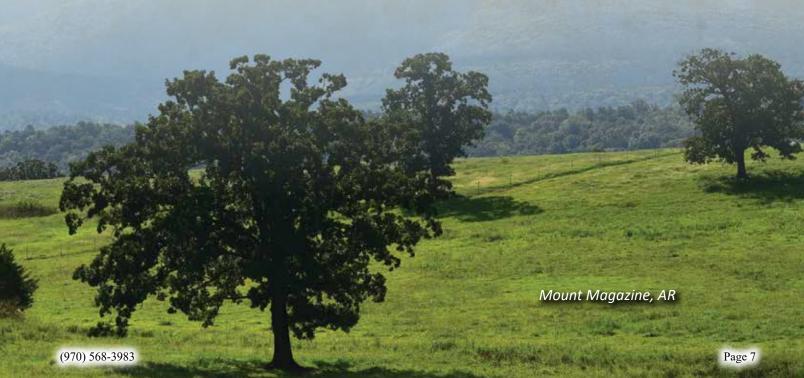


"Pictured are 60 of my fancy springing two-year replacements. They stack generations of my genetic progress."



"I am reaping greater efficiencies in my cowherd:

- my mature cow weight reduced as much as 150 pounds
- and the amount of grain required to winter my cowherd has been greatly reduced... by three truckloads "



Leachman Stabilizers - 30 years in the making!

- **Built on Science:** First designed in the 1970's by USDA ARS scientists at the Meat Animal Research Center as the Marc II composite: ¼ Red Angus, ¼ Hereford, ¼ Simmental, ¼ Gelbvieh.
- **Privatized:** A private herd was developed by Pat Vinton, Gordon, NE and later sold to the Tessari family in Babb, MT thus becoming the foundation for the Leachman Stabilizer herd.
- Modernized: From 1988 2003, Leachman modernized the Stabilizer composite:
 - Reduced the birth weight.
 - Made the cattle solid colored and polled.
 - Increased the post weaning gain.
 - Improved convenience traits including disposition and udder quality.
 - Introduced black lines in addition to the original red lines.



- Injected top hybrid and purebred sires form the Angus, Simmental, and Gelbvieh breeds.
- Moved to Colorado: In 2003, Leachman Cattle of Colorado was formed with a nucleus of cooperators that included the Tessari herd and several other Stabilizer cooperators.
- Selected with \$Profit: LCoC began selecting the Stabilizer using \$Profit with significant results:
 - Dramatic further reduction in birth weight while increasing yearling growth.
 - Significant improvement on marbling to now exceed average marbling Angus cattle.
 - Substantial selection for reduced feed intake and improved feed efficiency.
 - All of which coincided with a huge annual progress on \$Profit.
- **Expanded Internationally:** In 2016, Leachman offered genetic analysis services to Stabilizer breeders in the UK, New Zealand, and Australia. This expansion increased the total Stabilizer herd being selected for \$Profit to over 20,000 breeding females. Genetics are now flowing to and from each of these herds increasing the rate of global selection improvement.

Excerpts from a 2001 letter written by Dr. Keith Gregory, Research Geneticist at U.S. Meat Animal Research Center (MARC) to Jim Leachman:

"Your contributions to beef cattle breeding are unmatched in the history of beef cattle breeding. No one has had a greater impact on beef cattle breeding on a global basis. I have stated on several occasions that no one is implementing more of the available beef cattle breeding technology than Leachman Cattle Company."

The Progression of the Foundation, Tessari Stabilizer Herd.

In the shadow of Chief Mountain, Babb, Montana



Strong maternal function.



Increasingly black and polled.



Improved udder quality and disposition.



Leachman Perception U001A \$17,215 \$Profit.

Top Herd Sires descended from the Tessari herd.



Leachman Advance S019A \$22,338 \$Profit .





1	LC	COC F	OUN	IDAT	ton i	K032	2 <i>G</i>		Sco	res
	Nt R	0		3/1/19	A	P	Pen: 2A		Act BW	101
	70AN 8B 21C BLK B RGR								CE	
			Growth	****						
	Leach			tion G0				1	Maternal	****
		TC	R Ever	Focus	XG071			F	eed/Carc	****
		LC	oC Luc	ky Cha	arm X2	25Z		P	henotype	****
	RGR S							D	isposition	2.8
		RG	R Stab	ilizer U	JU257			T	PAP	0.13
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intake	YHT	SCR
-0.4	60	118	37	0.52	0.72	1235	0.07	73	6.27	36.61
\$RANCH \$59 5% \$FEEDER \$235 0.4% \$PROFIT \$24										8 0.2%

#1 \$Profit bull. #1 YW EPD in sale. A big growth bull, AdjWW 989#.

2	LC		Scores							
_	Nt F	Reg		3/26/19	N	P	Pen: 2A		Act BW	77
	31A	CE								
IR ZEUS A718 Growth ****										
	WBF		Maternal	****						
		WE	BF SEI	LMA C7	718				Feed/Carc	****
		Но	oks Tr	inity 9T					Phenotype	****
	KLK	Hybrid							Disposition	4.0
		KL	K Ang	gus 0215	5				PAP	-0.52
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR
-0.3	54	105	24	0.46	1.09	1240	-0.24	71	6.03	37.15
SRANCH \$32 40% SFEEDER \$255 0.1% SPROFIT \$22,573 0.4%										

#4 \$Profit bull. #7 YW & #4 REA EPD in sale.







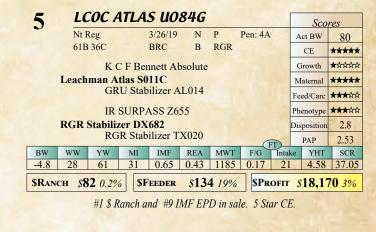
see video at www.leachman.com

_										
3	LC	COCE	MPI	RE V	V248	3G			Sco	res
	Nt F	-		4/26/19		P	Pen: 3A		Act BW	75
	72A	N 28C		BLK	В	SLK			CE	****
			Growth	****						
	Leach			L016E					Maternal	****
		MF	RPL M	ISS TES	STIFY	CX20:	5		Feed/Carc	****
		Co	nnealy	Answe	r 71#				Phenotype	****
	SLK S	Stabiliz							Disposition	3.2
		SL	K Hybi	rid X64	29 / N4	1006X			PAP	1.58
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR
-2.2	46	81	32	0.53	0.68	1216	0.02	-52	2 5.42	36.12
\$RAN	\$\ \\$Ranch \ \\$81 \ 0.3\% \ \ \\$\ \\$Feeder \ \\$160 \ 9\% \ \ \ \\$\ \\$Profit \ \\$20,306 \ 1\%									

#10 \$Profit & #2 \$Ranch bull. 4 Star CE.

4	LC	COC F	OUN	IDAT.	ION I	KII.	2 <i>G</i>		Sco	res
	Nt R	Reg		5/5/19	A	P	Pen: 3A		Act BW	84
	81A	N 19SM		BLK	В	NRC			CE	
			Growth	****						
	Leach		Maternal	****						
		TCI	R Ever	Focus	XG071				Feed/Carc	****
		Нос	oks Tri	nity 9T					Phenotype	****
	NRC I	Hybrid							Disposition	2.8
		NR	C Hyb	rid 585	W				PAP	0.35
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YHT	SCR
2.0	63	114	28	0.60	1.13	1252	0.02	94	5.52	36.71
\$RAN	сн \$2	OFIT	\$22,33	9 0.4%						

#5 \$Profit bull. #2 YW & #3 REA EPD in sale.



Lot 3

6	LC	COC F	RITO	REV	ENUI	E U8.	55G		Sc	ores
	Nt F	Reg		5/12/19	N	P	Pen: 4A		Act BW	78
	75A	N 1B 24	IC	BLK	В	LCC			CE	
			Growth	****						
	LCoC			e G108	_				Materna	1 ★★★☆
		TC	A Tre	easure 0	699 60	1			Feed/Car	c ★★★☆☆
		Lea	chmar	1 Yosen	nite X7	30Y			Phenotyp	e ★★★☆
	RTC S	Stabiliz							Dispositio	on 4.0
		RT	C Stab	ilizer A	X509				PAP	0.64
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YH	Γ SCR
-0.2	55	97	25	0.50	1.01	1236	-0.22	5	5.6	2 36.98
\$RAN	\$RANCH \$68 2% \$FEEDER \$161 9% \$PROFIT \$18,736 2%									

#6 \$Ranch bull. #6 REA EPD in sale. Adj WW 790#.

	TO I	Value and	NE	
		ABBET		
	1			
Lot 6	5	and the second		

7	LC	COC E	BEAC	ON K	(209	G			Sco	ores
-	Nt F	Reg		2/9/19	Е	PP	Pen: 5A		Act BW	84
	56AN 44SM BBK B REV								CE	
			Growth	****						
	HOOH		Maternal	****						
			Feed/Carc	****						
		GA	R-EGI	L Proteg	ge				Phenotype	****
	LCoC	Eileen							Disposition	3.0
		LC	OC EI	LEENN	MERE I	RG121	(I	T	PAP	0.15
BW	ww	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR
0.6	55	99	21	0.80	1.32	1228	0.18	13	4 5.68	35.84
\$RANCH \$29 47% \$FEEDER \$262 0.1% \$PROFIT \$22,816 0.3%										

#3 \$Profit bull. #10 YW, #3 IMF & #1 REA EPD in sale.





•	10	OC I	OIIA	DAT	TON	KIO	0.0			
8	LC	UC F	vun	IDATI	UN	KIU	5 G		Sc	ores
	Nt R	leg		5/16/19	E	P	Pen: 5A		Act BW	89
	50A	N 50SM	I	BLK	В	HEN			CE	***
			Growth	****						
	Leach								Maternal	****
		TC	R Ever	Focus	XG071				Feed/Car	****
		WE	BF RES	T EAS	Y U08	5			Phenotype	*****
	Rempe								Dispositio	n 3.0
		Но	oks Ka	itlyn 74	K				PAP	0.18
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YH7	SCR
-1.1	46	90	27	0.52	0.61	1253	-0.44	-14	4 6.0	35.85
\$RAN	сн \$4	OFIT	\$20,6	40 1%						

#9 \$Profit bull. Adj WW 766#.

9	LC	COC F	PLED	GE M	1076	G			Sco	ores
	-360	00485		2/5/19	E	PP	Pen: 6A		Act BW	100
	50AR 50SM RED B RMP									
			Growth	****						
	LEAC			DGE A	-				Maternal	****
		LC	oC Zaı	ra TG00)4				Feed/Carc	****
		WE	BF RES	ST EAS	Y U08	5			Phenotype	****
	Remp	e Choc							Disposition	3.2
		Но	oks Ka	itlyn 74	IK		(I	T	PAP	3
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YHT	SCR
1.4	54	96	24	0.55	0.84	1243	-0.06	139	9 6.22	37.28
\$RAN	\$RANCH \$17 71% \$FEEDER \$216 1% \$PROFIT \$17,309 4%									

Top 5% on \$Profit and \$Feeder.

10	LC	COC L	DECR	EE S	724	G			Sco	res				
10	-360	00672		1/16/19) A	P	Pen: 6A		Act BW	83				
	49A	R 0B 46	iC	RED	В	RMP			CE 17.9					
		CD	I VER	DICT 2	220Y				Growth	****				
	Leach		Maternal	****										
	Rempe Bentley 4053													
		Lea	chman	Realit	y U049	C			Phenotype	****				
	Remp	e Stabi							Disposition	4.0				
		RM	IP STA	BILIZ	ER 506	58		T	PAP	0.37				
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intak	e YHT	SCR				
0.8	47	87	21	0.47	0.86	1218	-0.05	57	6.25	37.28				
\$RAN	сн \$3	30 44%	\$F	EEDER	\$20	9 1%	\$PR	OFIT	\$18,30	07 3%				

#10 REA bull in sale with Top 5% \$Profit and \$Feeder.



11	LC	COC I	BB E	799	M22	1 <i>G</i>			Sco	ores
	Nt I	Reg		3/27/19	A	P	Pen: 7A		Act BW	81
	63A	N 36SN	1	BLK	В	LCC			CE	-
		HC	OK'S	BLACI	K HAW	/K 50E	3		Growth	****
	BRID		Maternal	****						
			Feed/Carc	****						
		Lea	achmar	Resolu	ition G	228U			Phenotype	****
	KLK.	Angus							Disposition	3.0
		KL	K Ang	us 921	707				PAP	0.98
BW	ww	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR
1.6	58	100	18	0.45	0.85	1243	-0.15	52	5.79	36.89
\$RAN	сн \$2	28 49%	SF SF	EEDER	<i>\$</i> 19	1 3%	\$PR	OFIT	\$ <mark>16,4</mark>	49 5%

Top 10% for WW, YW, IMF and REA. Should sire a great set of feeders.

13	LC	COC E	BB E	733	5417	7 <i>G</i>			Sco	res
	Nt F	Reg		4/5/19	N	P	Pen: 8A		Act BW	73
	73A	N 27SM	1	BBK	В	HEN			CE	****
		ЈΒ	ARJN	NIGHT:	RIDE 2	25Z			Growth	****
	BRID	LE BIT							Maternal	****
		BR	IDLE :	BIT M	ISS A3	14			Feed/Carc	****
		Gar	rdens F	ascal E	E36				Phenotype	****
	LCoC	Rita U						Н	Disposition	2.8
		ВО	ND E	XT Gra	de 103				PAP	2.19
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ce YHT	SCR
-2.2	38	71	19	0.89	0.17	1211	0.21	-20	5.15	36.04
\$RAN	сн \$	72 1%	\$F	EEDER	\$119	9 27%	\$PR	OFIT	\$15,64	14 7%

#3 \$Ranch bull. 4 Star CE. #2 IMF EPD in sale.

15	LC	oc j	UDG	E WZ	2866				Sco	res
	Nt F	Reg		5/4/19		P	Pen: 9A		Act BW	89
	61A	N 1B 30	6C	BLK	В	SLK			CE	
		Lea	chmar	Testify	y D003	Z			Growth	****
	Leach	man J							Maternal	****
		RG	R Stab	ilizer V	VX405				Feed/Carc	****
		Syc	lGen F	ATE 28	800				Phenotype	*****
	SLK S	tabiliz							Disposition	3.0
		SL	K Stab	ilizer A	475				PAP	2.73
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ce YHT	SCR
0.1	46	80	24	0.35	0.79	1197	0.12	90	5.53	36.61
\$RAN	сн \$4	15 19%	\$F	EEDER	\$14	7 14%	\$PR	OFIT	\$14,63	8 10%

Top 15% \$Profit and \$Feeder, excels in IMF and REA.

17	LC	COC E	NDI	EAVO	R U5	62G			Sco	ores
	Nt F	Reg		4/23/19	N	P	Pen: 102	4	Act BW	72
	50A	.N		BLK	В	LCC			CE	***
		IR	ZEUS	A718					Growth	****
	WBF			R E013					Maternal	*****
		WI	BF SE	LMA C7	718				Feed/Carc	****
		Lea	chma	n Prowe	ss G13	6T			Phenotype	****
	KLK	Angus							Disposition	3.0
		KL	K Ang	gus 753					PAP	0.21
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR
-1.4	44	94	30	0.43	1.06	1216	-0.23	10	0 5.71	37.27
\$RAN	сн \$2	28 50%	\$]	FEEDER	\$250	0.2%	\$PR	OFIT	\$21,57	8 0.6%

#6 \$Profit bull. #5 REA EPD in sale and top 1% \$Feeder.

10	11	COC I	ם הי	752	1120	20				500
12	LC	UC E	BBE	752	MZ6	26			Sco	res
	Nt F	Reg		4/11/19	A	P	Pen: 7A		Act BW	76
	55A	N 44SM	ſ	BLK	В	LCC		120	CE	
		HC	OK'S	BOZE	MAN 8	В			Growth	****
	Colora	1	Maternal	****						
		F	eed/Carc	****						
		Pro	tege So	on MS				P	henotype	****
	KLK .	Angus						D	isposition	3.0
		KL	K Ang	us 469			(I	T	PAP	0.33
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intake	YHT	SCR
1.3	47	91	28	0.54	0.58	1231	0.22	57	5.38	36.42
\$RANG	сн \$2	28 49%	SF SF	EEDER	\$21	4 1%	\$PR	OFIT	\$ <mark>18,4</mark>	19 2%

Top 10% for YW and IMF. Another top \$Feeder bull.

			2000			70		_						
14	LC	OC F	KUF	PHET	M39	7G			Sco	res				
	3608	8430		4/6/19	N	P	Pen: 8A		Act BW	79				
	56A	N 0B 53	3C	BLK	В	HLC			CE 15.1					
		Lea	achman	Prophe	et J030	Z			Growth	****				
	HAYS PROPHET 6D17 Maternal ★☆☆☆☆													
	HAYS PROMISE 61Z7 Feed/Carc ★★★★☆													
		K (F Bei	nett Al	solute				Phenotype	****				
	HAYS	IZZII	E 4C11					I	Disposition	3.0				
		HA	YS IZ	ZIE 190)W		(I	T	PAP	0.95				
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intak	e YHT	SCR				
1.0	49	87	21	0.27	1.29	1243	0.10	140	5.30	36.41				
\$RANG	сн \$	8 85%	\$F	EEDER	\$19	9 2%	\$PR	OFIT	<i>\$</i> 14,6	69 9%				

#2 REA bull in sale with Top 10% \$Profit and \$Feeder.

16	LC	COC N	<i>IIGH</i>	TRID	E W.	220	G		Sco	res
10	Nt F	Reg		4/21/19		P	Pen: 9A		Act BW	79
	54B	46C		BBK	В	SLK			CE	
		GW	PRE	MIUM I	BEEF ()21TS			Growth	****
	J BAR		Maternal	****						
			Feed/Carc	****						
		Lea	chman	Prophe	et J030	Z			Phenotype	****
	SLK S	tabiliz							Disposition	3.5
		SLI	K Stabi	ilizer A	5030				PAP	2.21
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR
0.7	61	103	19	0.35	0.87	1238	0.15	19	5.66	36.78
\$RANG	сн \$4	7 15%	\$F	EEDER	\$17	6 5%	\$PR	OFIT	<i>\$</i> 17,5	03 4%

#8 YW EPD in sale. #9 REA EPD in sale.

						70						
18	LC	oc i	<i>JKAK</i>	CKAR	340)/G			Sco	res		
	Nt F	0		3/31/19	N	P	Pen: 10	A	Act BW	86		
	69A	.N 31GV	7	BBK	В	WCC			CE			
		LE	THAL	HARD	WARE	140A			Growth	****		
	DUNN			R 10D					Maternal	****		
		DU	INN'S	MISS S	ANDY	166Y			Feed/Carc	****		
		A A	A R Te	n X 700)8 S A#	£			Phenotype	****		
	LCoC	Black							Disposition	3.5		
		LC	oC Bla	ckcap 7	ΓG075				PAP	0.64		
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YHT	SCR		
2.7	44	86	23	0.36	0.54	1209	0.12	83	5.72	36.82		
\$RANG	\$RANCH \$35 36% \$FEEDER \$137 18% \$PROFIT \$12,507 17%											

Decrease Mature Wt while maintaining YW growth and IMF.

	10	10	coc o	n	111	FF I	27	22	G						
	19		oc t	-0	uL	LLI		,,	U					Sco	res
		Nt I	-			2/3/19		N	P	Per	n: 11 <i>A</i>	4	A	ct BW	64
		53A	N 47DS			BLK		В	TPL					CE	****
			DL	CC	DO	DDGE	CIT	Y 7	'8Y				G	rowth	****
		DLCC	COU										M	aternal	****
			DL	.CC	CL	ARE	1X						Fee	ed/Carc	****
			Sy	dGe	n C	ontrac	t 94	10					Phe	enotype	★★★☆☆
		TOP (Connie										Dis	position	4.0
ı	100		LC	CC	oni	nie MO	G50.	3						PAP	2.09
	BW	WW	YW	N	1I	IMF	R	EΑ	MWT	·	F/G	Intal	ke	YHT	SCR
	-2.8	38	79	2	5	0.61	0	.36	1216	5 -().11	58	}	5.93	36.97
	\$RAN	сн \$	71 1%		\$F	EEDER	t ,	313	3 20%	6	\$Pr	OFIT	\$	16,65	58 5%

#4 \$Ranch bull. 4 Star CE.

21	LC	COC C	COUL	EE S	6640	G			Sco	res				
	Nt R	Reg		3/5/19	A	P	Pen: 12	A	Act BW	87				
	75B	22C		BRC	В	GRU			CE					
		DL	CC DO	DDGE (CITY 7	8Y			Growth	*****				
	DLCC COULEE 97C Maternal ****☆													
	DLCC CLARE 1X Feed/Carc ★★★☆☆													
		Lea	achmar	Big G	ene L0	19X		I	Phenotype	****				
	GRU S				27			I	Disposition	3.2				
		GR	U STA	BILIZ	ER PU	226		T	PAP	2.4				
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intak	YHT	SCR				
0.1	37	67	25	0.38	0.70	1227	0.12	53	5.96	36.89				
\$RAN	сн \$3	9 27%	SF SF	EEDER	s17	2 6%	\$PR	OFIT	\$16.1°	79 6%				

Top 6% \$Profit and \$Feeder, excelling in IMF and REA.

		200	2041	CICAR	CIL	100				
23	LC	UC I	JKAK	CKAR	341	LUG			Sc	ores
	Nt I	Reg		4/1/19	N	P	Pen: 12	4	Act BW	86
	69A	N 31GV	7	BBK	В	HEN			CE	
		LE	THAL	HARD	WARE	140A			Growth	****
	DUNN	'S DR	AKKA	R 10D	1 ET				Maternal	****
		DU	INN'S	MISS S	ANDY	166Y			Feed/Card	****
		CS	U Rai	m Time	0115				Phenotype	****
	LCoC	Lakin			-				Dispositio	n 3.0
		LC	OC LA	KINA	PG080				PAP	0.46
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YHT	SCR
1.9	52	98	18	0.37	0.52	1236	-0.28	27	6.12	36.56
\$RAN	сн \$3	39 28%	5 SF	EEDER	\$15	1 12%	\$PR	OFIT	<i>\$</i> 14,2	78 11%

#5 YW EPD in sale. Adj WW 751#.

25	LC		Scores							
	419	9304		3/5/19	A	P	Pen: 132	A	Act BW	82
	69A	R 1B 39	C	RED	В	PRM			CE 14	
		LS	F TBJ	TAKE	BACK 4	4856B			Growth	****
	LORE			Γ EPIS		100		99	Maternal	****
		HC	OKS N	MIKA 1	141M			W.	Feed/Carc	****
		Lea	chmar	18 Ka	rat X23	5C			Phenotype	****
	MATI			EB028				511	Disposition	3.5
		MA	ATH PI	ROFIT	BA070				PAP	0.59
BW	ww	YW	MI	IMF	REA	MWT	F/G	Intal	ce YHT	SCR
2.5	51	89	22	0.61	0.57	1233	0.30	11	5.83	36.56
\$RANCH \$29 48% \$FEEDER \$147 14% \$PROFIT \$12,616 1										

Top 15% for \$Profit and \$Feeder.

	1	10									
2	2()	LC	UC L	ECK	REE S	4720	J			Sco	res
N 1		-360	00712		2/3/19	E	P	Pen: 11/	Α .	Act BW	89
		49A	R 1B 48	3C	RED	В	RMP			CE 16.1	***
			CD	I VER	DICT 2	220Y				Growth	*****
		Leach	1	Maternal	****						
			F	eed/Carc	****						
			Lea	chmar	18 Ka	rat X23	5C		P	henotype	****
		Remp	e Stabi						D	isposition	3.8
			Rei	npe Ce	ertified	5219			T	PAP	0.95
В	8W	WW	YW	MI	IMF	REA	MWT	F/G	Intake	YHT	SCR
-1	1.4	42	24	5.11	36.03						
\$F	\$RANCH \$46 16% \$FEEDER \$147 14% \$PROFT										41 9%

Top 10% \$Profit and IMF and a 3 Star CE bull.

		200	20111	FF C	270	_						
22	LC	UC C	OUL	EE S	2700	J			Sco	res		
, 	Nt F	Reg		3/8/19	A	P	Pen: 12	4	Act BW	87		
	38A	N 48B	4C	BLK	В	RGR			CE	***		
		DL	CC DC	DDGE (CITY 7	8Y			Growth	****		
DLCC COULEE 97C Maternal												
	DLCC CLARE 1X Feed/Carc											
		Lea	chman	Proph	et J030	Z			Phenotype	****		
	RGR S	Stabiliz							Disposition	3.5		
		RG	R Stab	ilizer Z	J699			. 4	PAP	2.87		
BW	ww	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR		
-0.3	45	86	11	0.42	0.53	1232	0.02	34	5.57	36.66		
\$RANCH \$47 16% \$FEEDER \$136 18% \$PROFIT \$13,992										2 12%		

Top 15% for \$Profit and \$Ranch and also for YW and IMF.

24	LC	COC L)ISTI	INCT.	ION	U27	0G		Sco	res		
	Nt F	Reg		5/7/19	E	S	Pen: 12	A	Act BW	82		
	63B	38C		BRC	В	HEN			CE	***		
		Bro	wn Re	al Deal	A7701				Growth	****		
	Leachman Distinction D008D Maternal											
	REMPE STABILIZER 4067											
		G A	R Pro	phet					Phenotype	****		
	MISS	PROP							Disposition	3.2		
-		MI	SS U27	71 A10	9		-		PAP	0.77		
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YHT	SCR		
-1.5	49	93	21	0.54	0.27	1225	0.28	12	1 5.52	36.35		
\$RANCH \$40 26% \$FEEDER \$152 12% \$PROFIT \$14									\$ <mark>14,4</mark> 9	7 10%		

Top 10% \$Profit and excelling in the top 10% for YW and IMF.

26	LC		Sco	res									
	Nt F	Reg		2/15/19	N	P	Pen: 13/	4	Act BW	92			
	66A	N 34SN	1	BLK	В	TPL			CE				
	RLWF PREMIUM PLUS FOCUS Z168 Growth ★★☆☆												
	LCOC PREMIUM L047C Maternal												
	MRPL MISS SONYA ALO95 Feed/Carc												
		LC	oC Dis	ciple G	014W			W	Phenotype	****			
	TOP S							H	Disposition	3.0			
	100	TO	P Suns	set U722	2 UG61	19	200		PAP	0.82			
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ce YHT	SCR			
0.6	44	79	25	0.21	0.48	1228	-0.29	-35	5 5.66	36.58			
\$RAN	\$RANCH \$56 7% \$FEEDER \$92 45% \$PROFIT \$11,225 24%												

Top 7% on \$Ranch and Low Intake. Keep replacements.

	27	LC	UC F	·oun	IDAT	IUN I	KIU	6 <i>G</i>		Sc	cores
		Nt I	Reg		5/13/19	E	P	Pen: 14.	A	Act BW	87
		50A	N 50SN	1	BLK	В	HEN			CE	****
		Growth	****								
		Leach	Materna	1 *****							
				Feed/Car	·c ****						
			WI	3F RES	ST EAS	Y U08	5			Phenotyp	e ★★☆☆
		Remp	e Choc							Dispositio	on 3.2
			Но	oks Ka	itlyn 74	łK.				PAP	0.12
	BW	ww	YW	MI	IMF	REA	MWT	F/G	Inta	ke YH	T SCR
	-2.3	43	83	32	0.52	0.95	1232	-0.01	4	5.4	7 36.17
\$RANCH \$45 19% \$FEEDER \$255 0.1% \$PROFIT											10 0.2%

#2 \$Profit bull. #7 REA EPD in sale. 4 Star CE.

28	LC	coc s	SURE	FIR	E K2	62G			Sco	res			
	197	55167		5/10/19	E	P	Pen: 14/	4	Act BW	93			
	100	AN		BBK	В	SLK			CE 11	4			
		Co	nnealy	In Sure	8524				Growth	****			
	GAR	Sure				1		77	Maternal	****			
		Ch	air Roc	k 5050	GAR	8086			Feed/Carc	****			
	MCC Daybreak Phenotype												
	Chair			ak 212				16	Disposition	2.8			
		Ch	air Roc	k Objec	ctive 80)55			PAP	2.09			
BW	ww	YW	MI	IMF	REA	MWT	F/G	Intal	ce YHT	SCR			
1.9	63	114	27	0.90	0.71	1255	-0.30	76	5.79	37.53			
\$RAN	\$RANCH \$43 54% \$FEEDER \$210 4% \$PROFIT \$20,007 4%												
		111		nn .	1 111		. A	,					

#3 YW EPD in sale. #1 IMF EPD in sale.

29	LC	COCA	1//	LA.	s uc	1096					Sco	res
	Nt F	Reg			2/16/19) A	S	Pen: 15.	A	A	et BW	90
	61B	38C			BRC	В	RGR			CE		
		K	F	Ber	nett A	bsolute	e			G	rowth	****
	Leach	man A								Ma	iternal	****
	GRU Stabilizer AL014 Feed/Carc ★★★★☆											
		LC	oС	Pro	phet J	146B				Phe	notype	****
	RGR S	Stabiliz								Disp	osition	3.8
		RG	RS	Stab	ilizer V	WX411]	PAP	2.64
BW	WW	YW	N	⁄II	IMF	REA	MWT	F/G	Inta	ke	YHT	SCR
2.4	59	113	1	5	0.45	0.82	1232	0.10	17	7	5.51	37.60
\$RAN	\$RANCH \$39 27% \$FEEDER \$206 2% \$PROFIT \$19,175 2%											

#4 YW EPD in sale and top 2% \$Profit and \$Feeder.

4		
Lot 28	A	

-	11	200	20	01/	CAT	C2/	7.0				
30	LC	coc c	U	PY	CAI	326	16			Sco	res
• •	Nt F	Reg			3/6/19	E	P	Pen: 154	A	Act BW	96
	27A	N 49B 2	24C		BLK	В	RGR			CE	***
		DL	CC	DC	DGE	CITY 7	8Y			Growth	****
	DLCC	COPY			69C PAZ 2					Maternal	****
		Feed/Carc	****								
		LC	OC	PO	WERE	BALL N	1143N			Phenotype	****
	RGR :	Stabiliz								Disposition	4.0
		RG	R S	Stab	ilizer S	SX001			T	PAP	2.22
BW	WW	YW	N	1I	IMF	REA	MWT	F/G	Intal	ce YHT	SCR
-2.2	27	51	3	2	0.28	0.47	1201	0.35	-19	5.77	37.18
\$RANCH \$67 2% \$FEEDER \$138 17% \$PROFIT \$16,701 5%											01 5%

#7 \$Ranch bull.

	7
	M
Lot 30	

31	LC	COC E	M	PIRE S	443	G				Scores	
	Nt F	-		4/7/19	N	-	Pen: 15/	A	A	ct BW	65
	56A	N 44C		BLK	В	LAM				CE	***
			G	rowth	*****						
	Leach			re L016E MISS TE		~~~~			M	aternal	****
		Fee	ed/Carc	****							
		LC	oC F	aradigm :	X680				Phe	enotype	****
	LAM	Nancy							Disposition		3.2
		LA	M N	ancy WL	114					PAP	2.07
BW	WW	YW	M	IMF	REA	MWT	F/G	Intal	ke	YHT	SCR
-2.6	35	-70	6	5.10	36.10						
\$RANCH \$66 2% \$FEEDER \$130 21% \$PROFIT \$15,824 7											24 7%

Top 6% \$Profit and \$Ranch and a 4 Star CE bull.

32	LC	UC F	REN	11UM	IKZ.	28G			Sco	res	
	Nt F	Reg		3/8/19	N	P	Pen: 15	A	Act BW	91	
	66A	N 34SN	1	BLK	В	TPL			CE		
		RL	WF PF	REMIUI	M PLU	S FOC	US Z16	8	Growth	****	
	LCOC			L047C					Maternal	****	
		MF	RPL M	ISS SO	NYA A	LO95			Feed/Carc	****	
		LC	C New	Design	H062	N			Phenotype	★★☆☆☆	
	TOP N			YG106					Disposition	3.2	
		LC	OC Mi	ddlebro	ook PG	042			PAP	1.72	
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR	
2.2	45	83	31	0.24	0.45	1211	-0.16	-3:	5 6.51	36.89	
\$RAN	\$RANCH \$56 7% \$FEEDER \$125 24% \$PROFIT \$14,207 11%										

Top 10% for \$Profit and \$Ranch.



33	LC	OC A	1C	CEL	ERA	4 <i>TE</i> 1	W63	0G		S	ico	res
	Nt R	eg		2/2	6/19		P	Pen: 2		Act B	W	64
	25A1	N 8B 16	6C	BI	K	В	TAL			CE		
		Lea	chr	nan A	dvar	nce S0	19A			Growt	th	****
	Leachr					-				Matern	nal	****
		GR	US	Stabili	zer A	X103				Feed/Ca	arc	****
										Phenoty	pe	****
	TAL H	lybrid	F2:	38						Disposit	tion	3.2
										PAP		-0.82
BW	ww	YW	N	1I I	MF	REA	MWT	F/G	Inta	ke YI	НТ	SCR
-0.4	55	99	2	2 0	.66	0.61	1228	-0.01	4() 5.0	69	36.84
\$RAN	RANCH \$68 2% \$FEEDER \$187 4% \$PROFIT \$21,063 0.8%											

#8 \$Profit & \$Ranch bull. #9 YW #6 IMF EPD in sale.

35	LCO	CAC	CELERA	ATE 1	W56	0G			Scor	res
	Nt Reg		3/25/19		P	Pen: 3		A	t BW	80
	65AN 8	3B 26C	BLK	В	TAL				CE	
		Leach	nan Advai	nce S01	9A			G	rowth	****
	Leachma		lerate X10					Ma	iternal	****
		GRU S	Stabilizer A	AX103				Fee	d/Carc	★★★☆☆
								Phe	notype	****
	TAL Hyl	orid 26	Y					Disp	osition	3.2
]	PAP	-0.65
DW/	WW V	737 A	AT IME	DEA	MWT	E/G	Into	lro.	VUT	SCD

Top 5% on all 3 \$Indexes and top 10% on WW, YW, REA and IMF.

27 0.54 0.71 1226 -0.07 -17 5.64 36.66

\$FEEDER \$170 7% \$PROFIT \$19,134 2%

		200					00	_		
34	LC	OC A	ICCE	ELERA	AIE	M45	9 <i>G</i>		Sco	res
	Nt I	Reg		3/4/19		P	Pen: 2		Act BW	72
	65A	N 8B 20	6C	BLK	В	TAL		- 0	CE	
		Lea	achmai	n Advar	nce S01	9A			Growth	****
	Leach			ate X16					Maternal	****
		I	eed/Carc	****						
								F	henotype	****
	TAL I	Hybrid	12G					D	isposition	4.5
									PAP	-1
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intake	YHT	SCR
0.4	50	91	20	0.57	0.57	1231	0.00	44	5.50	36.68
SRAN	NCH S4	19 13%	s sı	EEDER	<i>\$</i> 15	2 12%	\$PR	OFIT	\$15.6°	37 7%

Top 15% for all three indexes! Nice balance on the numbers.

01	11	COC	CCI	TI ED	TE 1	MEO	CC			
36	LC	UL F	ICCI	ELER/	IIE I	NOO	bG		Sco	res
	Nt F	Reg		3/14/19		P	Pen: 3		Act BW	70
	25A	N 8B 10	6C	BLK	В	TAL			CE	
		Lea	achma	n Advan	ce S01	9A			Growth	****
	Leach			ate X16					Maternal	****
		GR	U Sta	bilizer A	X103				Feed/Carc	****
									Phenotype	****
	TAL I	Hybrid	F228						Disposition	3.0
									PAP	-0.82
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YHT	SCR
0.5	54	99	22	0.66	0.61	1228	-0.01	46	5.70	36.86
\$RANG	RANCH \$59 5% SFEEDER \$179 5% SPROFIT \$19,165 2%									

#7 IMF EPD in sale at the 2% \$Profit and top 10% WW and YW.

\$RANCH \$65 3%

		200	CCE			1163	70				
37	LC	UC A	ILLE	LEKA	ATE V	V63	16			Sco	res
•	Nt F	Reg		3/1/19		P	Pen: 4		Act B	W	92
	25A	N 8B 10	6C	BLK	В	TAL			CE		
		Lea	achman	Advar	nce S01	9A			Grow	th	****
	Leach			te X16					Mater	nal	****
		GR	U Stab	ilizer A	X103				Feed/C	arc	****
									Phenot	ype	****
	TAL I	Hybrid	F319						Disposi	ition	4.0
					107				PAF)	-0.81
BW	ww	YW	MI	IMF	REA	MWT	F/G	Inta	ke Y	НТ	SCR
3.2	61	105	23	0.64	0.60	1231	-0.05	31	5.	.73	36.83
\$\frac{\$47}{5}\text{15\text{\sigma}} \\$\frac{\$16,882}{5}\text{\sigma}\$											

#6 YW & #10 IMF EPD in sale and top 5% \$Profit.

20	10	COC I	20	n	T CI	TV 1	VEC	0.0				
39	LC	COC L	U	νG	E CI	IIV	V 3 6 2	G			Sco	res
-	Nt F	Reg			4/8/19		P	Pen: 5		A	ct BW	64
	43A	N 47B 1	0C		BLK	В	TAL				CE	***
		SB	CC	W	OMAN	IZER 9	9137			G	rowth	****
	DLCC	DOD								M	aternal	****
		DL	CC	PE	RFEC	ΓENU	F 28W			Fee	ed/Carc	****
										Phe	enotype	****
	TAL I	Hybrid	14	G						Dis	position	2.5
											PAP	1.48
BW	WW	YW	N	⁄II	IMF	REA	MWT	F/G	Intal	ke	YHT	SCR
-0.9	46	83	1	3	0.34	0.52	1225	0.00	31		5.59	36.75
\$RAN	сн \$4	19 13%		\$F	EEDER	\$12	7 23%	\$PR	OFIT	\$1	13,50	1 13%

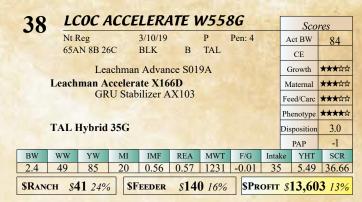
Top 15% on \$Profit and \$Ranch with great Phenotype.

40	LC	COC L	00	DG	E CI	TY U	1554	ł G		Sc	ores
••	Nt F	Reg			3/26/19		P	Pen: 5		Act BW	87
	43A	N 47B 1	l0C		BLK	В	TAL			CE	
		SB	CC	W	OMANI	ZER 9	137			Growth	***
	DLCC				TY 78Y					Materna	*****
		DL	CC	PE	RFECT	ENUI	F 28W			Feed/Car	c ***
										Phenotyp	e ★★★☆
	TAL I	Hybrid	6Y							Dispositio	on 3.5
	-									PAP	1.48
BW	ww	YW	N	11	IMF	REA	MWT	F/G	Intal	ke YH	Γ SCR
2.3	52	86	1	4	0.28	0.32	1225	0.00	31	5.59	36.75
\$RAN	\$RANCH \$43 21% \$FEEDER \$96 42% \$PROFIT \$9,983 31%										

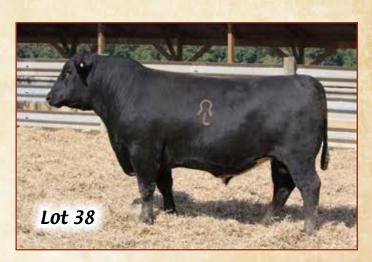
Top 15% WW and YW while still in the top 20% for \$Ranch.

42	LC	OC I	KIN	ITY V	N57	16			Sco	res		
+	Nt F	0		2/24/19		P	Pen: 6		Act BW	64		
	29B	45C		BRC	В	TAL			CE	***		
		HC	OKS S	SHEAR	FORC	E 38K			Growth	****		
	Hooks Trinity 9T Maternal ★★★☆☆											
	Hooks Pearl 22-P Feed/Carc ★★★☆☆											
		LC	oC Bei	nett X	256A				Phenotype	****		
	TAL S	Stabiliz	er F33	2					Disposition	2.8		
									PAP	-1.38		
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR		
-1.6	45	81	19	0.33	0.86	1206	0.13	52	5.33	36.24		
\$RAN	\$RANCH \$54 8% \$FEEDER \$145 14% \$PROFIT \$15,622 7%											

Top 10% \$Profit and \$Ranch. 3 Star CE.

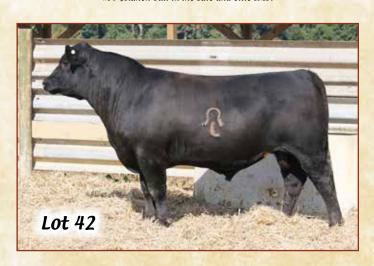


Top 15% \$Profit and \$Feeder, excelling in IMF.



41	LC	OC A	ACCE	LER/	ATE V	N580	OG			Scor	res	
	Nt F	0		3/28/19		P	Pen: 6		Act	BW	70	
	41A	N 9B 24	4C	BLK	В	TAL			C	Е		
		Lea	achman	Advan	ice S01	9A			Gro	wth	****	
	Leach			te X16					Mate	ernal	****	
		GR	U Stab	ilizer A	X103				Feed/	/Carc	****	
		LC	oC Ber	nett X	256A				Pheno	otype	****	
	TAL S	Stabiliz	er F29	9					Dispo	sition	3.2	
									PA	ΛP	-1.01	
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke '	YHT	SCR	
1.0	58	99	24	0.61	0.64	1222	0.01	18	3 5	5.49	36.64	
\$RAN	SRANCH \$66 2% SFEEDER \$171 6% SPROFIT \$19,406 2%											

#10 \$Ranch bull in the sale and elite IMF.



40	11	COC	CCE	IFD	ATE 1	1162	OC			
43	LC	UC A	ILLE	LERA	AIE V	V63	96		Sco	res
	Nt I	0		3/2/19		P	Pen: 7		Act BW	76
	25A	N 8B 10	5C	BLK	В	TAL			CE	
		Lea	chmar	n Advar	ice S01	9A			Growth	****
	Leach			ate X16					Maternal	****
		GR	U Stab	oilizer A	X103				Feed/Carc	****
									Phenotype	****
	TAL I	Hybrid	F330						Disposition	3.5
120									PAP	-0.58
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR
1.6	52	93	22	0.69	0.57	1227	-0.06	33	5.66	36.74
\$RAN	сн \$:	58 6%	\$F	EEDER	\$16	2 9%	\$PR	OFIT	\$1 <mark>7,6</mark>	62 3%

#4 IMF EPD in sale with top 5% \$Profit and \$Ranch.

44	LC	oc c	API	IALI.	SI W	563	G		Sco	ores
	Nt F	Reg		4/21/19		P	Pen: 7		Act BW	88
	65A	.N 35SN	1	BLK	В	TAL			CE	
		GA	R-EGI	Proteg	ge				Growth	****
	HOOL			LIST 3					Maternal	****
		HC	OK'S	XTRAY	VAGA1	NZA 7	X		Feed/Carc	****
									Phenotype	****
	TAL I	Hybrid	105Y						Disposition	2.8
									PAP	-0.17
BW	ww	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR
1.3	50	90	22	0.46	0.66	1223	0.03	25	5 5.24	36.10
\$RAN	сн \$4	3 21%	5 SF	EEDER	\$17	2 6%	\$PR	OFIT	\$ <mark>16,6</mark>	80 5%
		Top 5	5% \$Pr	ofit and	top 15%	6 WW,	YW and	<i>IMF</i>		

4 -		200	20111	FF 14	ur 0 -	7.0		_		
45	LC	UL I	JUL	EE V	V587	G			Sco	res
	Nt F	Reg		3/16/19		P	Pen: 8		Act BW	64
	19A	N 48B 8	3C	BLK	В	TAL			CE	***
		DL	CC DC	DDGE (CITY 7	8Y			Growth	****
	DLCC	COU			J.				Maternal	****
		DL	CC CL	ARE 1	X				Feed/Carc	****
		LC	oC Ber	nett X	256A				Phenotype	****
	TAL S	Stabiliz	er F29	5					Disposition	4.0
									PAP	1.98
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intak	e YHT	SCR
-0.6	44	79	18	0.41	0.55	1220	0.00	35	5.75	36.61
\$RANG	сн \$5	52 10%	SF SF	EEDER	\$14	1 16%	\$PR	OFIT	\$15,0	57 8%

Elite \$Profit, \$Ranch and IMF!

The second second	The State of	-		
200	1	N S	* 0	
	V			
Lot 45	M		Marie Contraction	
LUC 45	No.			S 10 (22)

46	LC	COC 1	RIN	ITY N	146	0 G			Sc	ores
	Nt F	Reg		2/28/19		P	Pen: 8		Act BW	68
	53A	N 48SN	1	BLK	В	TAL			CE	***
		HC	OKS S	SHEAR	FORC	E 38K			Growth	***
	Hooks	Trinit							Maternal	****
		Но	oks Pe	arl 22-P					Feed/Car	c ******
									Phenotyp	e ★★★☆
	TAL I	Hybrid	12Y						Dispositio	on 3.2
		5.1							PAP	-0.84
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YH7	Γ SCR
-0.5	48	81	20	0.20	0.84	1223	0.08	62	5.6	1 36.35
\$RAN	сн \$3	34 %	5 SF	EEDER	\$13	8 17%	\$PR	OFIT	<i>\$</i> 12,7	22 16%
									100	

Good Phenotype and Top 3% on REA.

47	LC	COC A	ICCE	LERA	ATE V	N62	9G		Sco	res
	Nt F	Reg		2/24/19		P	Pen: 9		Act BW	84
	65A	N 8B 26	5C	BLK	В	TAL			CE	
		Lea	chmar	Advan	ce S01	9A			Growth	****
	Leach			ate X16					Maternal	****
		GR	U Stat	oilizer A	X103				Feed/Carc	****
									Phenotype	****
	Mcker	nna							Disposition	3.0
									PAP	-0.7
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YHT	SCR
3.1	56	95	21	0.52	0.60	1232	-0.04	38	5.66	36.73
\$RAN	\$RANCH \$42 22% \$FEEDER \$162 9% \$PROFIT \$15,649 7%									

Leading \$Profit with top 10% WW, YW and IMF.

40	11	COC	CCE	LERA	ATE 1	MCO	10			_	
48	LC	UL F	ILLE	LEKA	AIE V	VOU.	16		S	coi	res
	Nt F	Reg		4/5/19		P	Pen: 9		Act BV	N	75
	65A	N 8B 20	5C	BLK	В	TAL			CE		
		Lea	achmar	Advan	ice S01	9A			Growt	h	****
	Leach			ate X16					Matern	al	****
		GR	.U Stab	oilizer A	X103				Feed/Ca	irc	****
									Phenoty	pe	****
	Macy								Disposit	ion	2.5
									PAP		-0.7
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YE	łΤ	SCR
1.6	54	94	21	0.45	0.61	1232	-0.03	44	5.6	57	36.74
\$RAN	сн \$4	10 25%	\$ \$ F	EEDER	\$150	6 11%	\$PR	OFIT	<i>\$</i> 14,	88	37 9%

Top 10% WW, YW and both \$Profit and \$Feeder.

49	LC	OC 1	RIN	ITY V	N64	4 <i>G</i>				Sco	res
	Nt R	leg		3/4/19		P	Pen: 9		Act B	w	58
	28A	N 20B 5	50C	BLK	В	TAL			CE		****
		НО	OKS S	SHEAR	FORC	E 38K			Grow	th	*****
1	Hooks	Trinit							Materi	nal	****
		Ho	oks Pe	arl 22-P					Feed/C	arc	****
		Lea	chman	Yosen	nite X7	30Y			Phenot	ype	*****
1	LCoC	Empr							Disposi	tion	3.0
		DL	CC LE	EGEND	3Z				PAP	,	-1.88
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke Y	НТ	SCR
-3.2	38	72	18	0.42	0.76	1201	0.05	31	5.	55	36.16
\$RANC	н \$(67 2%	\$F	EEDER	\$14	1 16%	\$PR	OFIT	<i>\$</i> 16	,87	71 5%

#9 \$Ranch and top 5% \$Profit and all with 4 Star CE.

50	LC	COC 1	RIN	ITY I	M463	l G			Sco	rac
30	Nt F	Reg		3/9/19		P	Pen: 10		Act BW	78
	13A	N 38SN	1	BLK	В	TAL			CE	70
		HC	OKS S	HEAR	FORC	E 38K			Growth	****
	Hooks								Maternal	****
		Но	oks Pea	ırl 22-P					Feed/Carc	****
									Phenotype	****
	TAL I	Hybrid	F335						Disposition	3.2
									PAP	-0.96
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YHT	SCR
0.9	49	84	20	0.34	0.85	1219	0.10	61	5.63	36.46
\$RAN	сн \$3	8 29%	SF	EEDER	\$143	3 15%	\$PR	OFIT	<i>\$</i> 13,40	64 13%

Top 15% \$Profit, \$Feeder and YW.

51	LC	COC L	00	DG	E CI	ITY	W 5	666	G			Sco	res
	Nt F	Reg			3/10/19	7	P		Pen:	10		Act BW	94
	53A	N 47DS			BLK	В	T	ΆL				CE	
		SB	CC	W	OMAN	NIZER	913	37				Growth	****
	DLCC	DOD										Maternal	****
		DL	CC	PE	RFEC	T EN	UF 2	28W				Feed/Carc	****
												Phenotype	****
	EBS T	ravele	ss1'	77-0	652						I	Disposition	3.5
												PAP	1.66
BW	WW	YW	N	1I	IMF	REA	A N	MWT	F/G	i	Intak	e YHT	SCR
3.5	55	88	1	5	0.37	0.3	6 1	222	-0.0	2	21	5.76	36.90
\$RAN	сн \$4	6 17%	5	\$F	EEDER	\$	99 4	10%	\$1	Pro	FIT	\$10,55	3 27%

Weaning and Yearling growth and Top 15% \$Ranch.

53	LC	<i>200</i> 1	KIN	ITY V	N59	4 <i>G</i>			Sco	res
	Nt F	Reg		4/16/19		P	Pen: 11		Act BW	64
	53A	N 48SN	1	BLK	В	TAL			CE	****
		HC	OKS S	SHEAR	FORC	E 38K			Growth	****
	Hooks	Trinit							Maternal	****
		Но	oks Pe	arl 22-P	•				Feed/Carc	****
									Phenotype	****
	TAL I	Hybrid	12Y						Disposition	2.8
			- 70						PAP	-1.14
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YHT	SCR
-2.1	45	81	18	0.26	0.85	1222	0.12	68	5.46	36.30
\$RAN	сн \$3	36 33%	5 \$F	EEDER	<i>\$</i> 14	1 16%	\$PR	OFIT	<i>\$</i> 13,11	7 15%

4 Star CE and top 15% \$Profit and \$Feeder.

55	LC	COC A	ACCE	LERA	ATE V	N63	8 <i>G</i>		Sco	res
	Nt F	Reg		3/2/19		P	Pen: 14		Act BW	52
	25A	N 8B 10	6C	BLK	В	TAL			CE	***
		Lea	achman	Advar	ice S01	9A			Growth	****
	Leach			ite X16					Maternal	****
		GR	U Stab	ilizer A	X103				Feed/Carc	****
									Phenotype	****
	TAL I	Hybrid	F232						Disposition	3.8
									PAP	-0.82
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR
-1.4	53	98	23	0.66	0.61	1228	-0.01	40	5.69	36.84
\$RAN	сн \$	71 1%	\$F	EEDER	\$18	7 4%	\$PR	OFIT	\$21,46	6 0.7%

#7 \$Profit bull. #8 IMF EPD in sale. Elite \$Indexes with 3 Star CE.



		200	-0 -									
52	LC	OC I	KI	NIIY	W60	2G			Sco	res		
	Nt F	Reg		3/21/	19	P	Pen: 11		Act BW	80		
	53A	N 48SN	1	BLK	В	TAL			CE			
		HC	OK	S SHEA	R FOR	CE 38K			Growth	****		
	Hooks	Trinit							Maternal	***		
		Но	oks l	Pearl 22	-P				Feed/Carc	****		
									Phenotype	****		
	TAL I	Hybrid	324	Y					Disposition	2.8		
								- 17	PAP	-0.79		
BW	WW	YW	M	I IMI	REA	MWT	F/G	Intak	e YHT	SCR		
0.9	0.9 43 75 16 0.24 0.91 1217 0.11 64 5.72 36.40											
\$RAN	\$RANCH \$25 56% \$FEEDER \$137 18% \$PROFIT \$11,322 23%											

#10 REA bull in sale. #8 REA EPD in sale.

5	1 10	COC A	1CCF	LERA	TF L	11636	SG			
54	+ 4	.00	ICCL	LLIV	IIL V	1030	Ju		Sc	ores
	Nt I	0		2/28/19		_	Pen: 14		Act BW	70
	25A	N 8B 10	6C	BLK	В	TAL			CE	
		Lea	achmar	Advan	ice S01	9A			Growth	****
	Leach			ate X16					Materna	1 ★★★★☆
		GR	U Stab	oilizer A	X103				Feed/Car	re ★★☆☆
									Phenotyp	e ★★★☆☆
	TAL	Hybrid	F330						Dispositio	on 3.0
									PAP	-0.58
BW	WW	YW	MI	IMF	REA	MWT	F/G	Intal	ke YH'	Γ SCR
0.6	51	91	22	0.69	0.57	1227	-0.06	33	5.6	6 36.74
\$RA	NCH \$	61 4%	\$F	EEDER	\$16	3 9%	\$PR	OFIT	<i>\$</i> 18,0)66 3%

#5 IMF EPD in sale and top 10% on all three indexes.

		200	2000	T 01	T1/ 14						
56	LC	LCOC DODGE CITY W645G								Scores	
	Nt F	Reg		4/11/19		P	Pen: 14		Act BW	64	
	43A	N 47B	10C	BLK	В	TAL			CE	***	
		SB	CC W	OMANI	ZER 9	137			Growth	****	
DLCC DODGE CITY 78Y									Maternal	****	
		DL	CC PE	RFECT	ENUI	F 28W			Feed/Carc	****	
									Phenotype	****	
TAL Hybrid 121Y									Disposition	3.2	
									PAP	1.83	
BW	WW	YW	MI	IMF	REA	MWT	F/G	Inta	ke YHT	SCR	
-0.5	46	85	13	0.40	0.29	1219	0.01	43	5.69	36.88	
\$RANCH \$50 13% \$FEEDER \$94 43% \$PROFIT \$10,591 27%											

3 Star CE with top 15% \$Ranch.

Selling 50 bred heifers.

The heifers are fancy, Angus cross heifers and are in good condition after summering in southern Virginia on grass. Al'd to Leachman Courageous S278C (\$Profit \$18,235) and Leachman Fast Forward S226F (\$Profit \$25,968) on 4/2/20. Natural Serviced by LCOC Consensus K005D







AI'd to Leachman Fast Forward S226F - BW ABC -1.2, \$Profit -\$25,968



AI'd to Leachman Courageous S278C - BW ABC 1.4, \$Profit -\$18,235



HOW TO PARTICIPATE AS AN ABSENTEE BUYER

We have made preparations to bid and buy livestock through Superior Productions' "Call or Click-To-Bid" service for those unable to attend in person on sale day. Please note that all of the lots in the sale will also be available for viewing online prior to sale day at www.superiorlivestock.com.

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<u>Turn in Bids Over the Phone.</u> This is our traditional method of buying livestock. To get started simply go online to <u>www.superiorlivestock.com</u> and click on the tab titled "Register for a Buyer Number". Select the registration form for Superior Productions and print the registration form, fill it out and fax it in to Superior Productions at (817) 378-3380 with a signature on it, or scan and email the form to <u>info@superiorauction.com</u>. You can also mail it

in to the address provided on the form. Upon receipt of this information Superior will call you with a buyer's number and the bid line phone number that you will use on sale day to place bids over the phone.

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*If you plan to bid by phone through Superior Livestock or 'Click-to-Bid', you must register at www.superiorlivestock.com prior to bidding.

One Year Guarantee!

Leachman Cattle of Colorado is offering a one year guarantee on all bulls that we sell. This guarantee will cover your purchased bull(s) against death, injury, infertility, and loss of use. If, during the first year from purchase, you lose the use of your Leachman bull for whatever reason, we will give you a credit towards the purchase of a new bull. We only ask that your herd veterinarian provide a written statement describing the death, injury, or infertility. If the bull in question can be salvaged, we would like you to keep the salvage value, and a credit will be issued, less the salvage amount you receive for the bull. If the bull is turned out for breeding, then the credit will be given at 75% of the original purchase value (less any salvage value). All claims must be made within 1 year from the date of purchase and cannot exceed the greater of 2 bulls per invoice or 15% of the total invoice.

Example 1: Your \$5,000 bull dies before you turn him out to breed. You receive a full credit of \$5,000. (Purchase Price - \$0 Salvage - \$0 Use).

Example 2: Your \$5,000 bull injures his scrotum after you pull him from the cows. You sell him for \$1000 in salvage. You receive a credit of \$2,750 (\$5000 purchase - \$1000 salvage - \$1250 usage).

Requirements for claims:

- 1. All claims must be made within 365 days of purchase.
- 2. A veterinary statement regarding the circumstances is required.
- 3. A verbal agreement from Leachman Cattle of Colorado is required prior to a bull being sold for salvage. Documentation of the salvage value of the bull, including identification of the bull on the sale barn ticket, that corresponds to the bulls Leachman identifications (ear tag or metal clip) is also required.

This credit can be used for the purchase of bulls, females, semen, and/or embryos from Leachman Cattle of Colorado. If the credit is not used within 24 months of the date of issuance, then it will expire.

Note: Guarantee will be revoked on all bulls that are not paid for within 30 days of invoice date.



How to read this catalog

- Reg#: the registration number of the animal. NotReg means the animal is not registered. Pending means that a registration number has been applied for, but was not issued at the time of catalog printing.
- Brd: breed of the animal if two breeds or less are involved. If more than two breeds are in the animal, then the composition shows the percent British and the percent Continental, i.e. 58B 42C means 58% British and 42% Continental.
- 3. DOB: date of birth
- 4. Color: BBK=homozygous black, BLK = black, BWF = black white face, BBF = black brockle face, RED = red, RWF = red white face, WHT = white, BRC = black red carrier.
- 5. Mating type: E = embryo transplant, A = via artificial insemination, N = natural service
- 6. Sex: B = Bull, H = Female
- 7. P = polled. S = scurred. H = horned.
- 8. Cooperator herd where the bull was raised.
- 9. Pen where the bull is located.
- Genetic Defect codes a C appended to the end denotes carrier and an F denotes tested free and P denotes possible but untested.
 - NH Neuropathic Hydrocephalus
 - AM Arthrogryposis Multiplex
 - CA Contractural Arachnodactyly
 - OS Osteopetrosis
 - **DD** -Developmental Duplication

Phenotype Scores to Make Bull Buying Easier:

- 11. CE: Calving Ease is the predicted calving ease if you use the bull on heifers. If there is a number in the brown box, this indicates the breed calculated calving ease direct EPD. In addition, we provide our Leachman estimated calving star system.
 - ***** The easiest calving bulls in the industry.
 - **** Use on smaller heifers with minimal assistance needed
 - *** Use on larger heifers with some assistance expected.
- 12. Growth: This is a score from one star to five stars, where five stars means maximum growth. Even the one star bulls are as growthy as any bull in America 20 years ago.

Professional Bull Buyers Guide

1 LCGC FOUNDSTION KG32G 0	Scores					
Nt Reg 2 41/19 6 A P 8 Qen: 2A	Act BW 101					
70AN 8B 21C BLK B RGR	CE					
G A R Progress	Growth ****					
Leachman Foundation G081D	Maternal ★★★★					
TCR Ever Focus XG071	Feed/Carc ****					
LCoC Lucky Charm X225Z	Phenotype ****					
	Disposition 2.8 33					
RGR Stabilizer UU257	PAP 0.13					
BW WW YW MI IMF REA MWI F/G Intal	ke YHT SCR					
-0.4 60 118 29 37 0.52 0.72 1 29 5 0.07 73	6.27 36.6					
\$RANCH \$59 5% \$FEEDER \$235 0.4% \$PROFIT \$24,108 0.29						

#1 \$Profit bull. #1 YW EPD in sale. A big growth bull, AdjWW 989#.

- 13. Maternal: This is an estimate of maternal efficiency, NOT milk. It includes cow size, milk, fertility, and growth. The bulls are scored from one star to five stars. Five star bulls will produce some of the most profitable cows in the industry if you sell calves at weaning.
- 14. Feedlot: This looks at all of the post weaning traits including gain, conversion, carcass weight, and carcass merit. Scored from one star to five stars, where five stars would produce maximum overall value in your feeder calves.
- 15. Phenotype: A combination of eye appeal and overall kind. Scored from one star to five stars. Five star bulls are the best phenotypic bulls in the sale (in our opinion)! Two star bulls are less attractive visually than average.
- 16. Disposition: Our traditional score of 1 5 on disposition. Score 5 bulls are bulls you can walk up to and touch. Score 3 is about average historically for Leachman bulls. However, we are making a concerted effort to improve disposition, so most bulls score 3 or higher. The bulls scored 2.5 or 2 are nervous and do not like to be in close quarters with people on foot but they are great for big range operations.
- 17. Actual birth weight. This is not adjusted for age of the dam.

EPDs/ABCs

Breed Association EPDs (Expected Progeny Differences) are listed for all registered animals. Leachman ABCs (Across Breed Comparisons) are listed for all un-registered animals. All ABCs are on an Angus base and can be compared across breeds within this catalog. EPDs are appropriate association EPDs without any adjustments.

- 18. Birth weight EPD/ABC expressed on an Angus scale (or breed scale for Red Angus, and Charolais).
- 19. Weaning weight EPD/ABC expressed on a breed scale.

 The Stabilizers are expressed on an Angus scale.
- 20. Yearling EPD/ABC expressed on a breed scale. The Stabilizers are expressed on an Angus scale.
- 21. Milk EPD/ABC expressed on a breed scale. The Stabilizers are expressed on an Angus scale. This is the best predictor of a bull's daughter's ability to milk. It measures the difference in weaning weight that will be produced between one bull's daughters and another bull's daughters due solely to milk.
- 22. IMF is the ultrasound based EPD/ABC for marbling expressed on a breed scale. The Stabilizers are expressed on an Angus scale.
- 23. REA is the ultrasound based EPD/ABC for ribeye area expressed on a breed scale. The Stabilizers are expressed on an Angus scale.
- 24. MWT is the predicted mature weight of daughters that you will get if you use the bull on a 1250 pound cow. If your cows weigh 1350, add 100 to this predicted weight. If your cows weigh only 1150, subtract 100 from this predicted weight. This EPD is the best indicator of daughter size -- far better than frame score or yearling height.
- 25. F:G is the pedigree estimated feed to gain EPD that predicts the feedlot efficiency of the bulls offspring. A negative number means that the bull's progeny will feed more efficiently. Example: -0.50 means that the bulls progeny will require ½ pound less feed per pound of gain.
- 26. Intake: is an estimate of the amount of feed that the bull's progeny will consume over a 112 day feeding period. It is expressed in pounds. Animals with higher intake will consume more throughout their life. Animals with lower intake will consume less.
- 27. YHT is an EPD, expressed as frame score, predicting the yearling frame score of a sire's progeny, compared to that of other sires.
- 28. SC is an EPD, expressed in centimeters, predicting the yearling scrotal circumference of a sire's progeny, compared to that of other sires.
- 29. \$Ranch EPD: This Leachman profit index that predicts weaning profitability based on calving ease, weaning weight, maternal milk, cow cost, and FERTILITY. Based on producing 100 calves. This EPD assumes a slide on calf prices of \$10 / cwt.
- 30. \$Feeder: This number is expressed in terms of the bull's added value to the sale price of your feeder calves. It is expressed in dollars per head. Thus when

- comparing a +100 bull vs. a +50 bull, we expect the first bull to sire calves worth \$50 per head more at weaning (regardless of their weight).
- 31. \$Profit™ EPD: One, simple, proven number that gives each trait a weight according to its impact on profit.
- 32. FT: Indicates the bull was individually measured for feed intake. Bulls without this notation, were not individually measured. Unmeasured bulls have EPD's based on their parental average.
- 33. PAP: PAP EPD. If there is a number in the brown box, this is the actual PAP score of the animal. If there is a circle around the score, this indicates that the score was collected above 7000 ft.

Key to bull comments:

- Any reference to % rank is the percentile rank within that bull's breed. Top 1% means the animal ranks better than 99% of the population on that trait.
- Reference to the number rank (i.e. #2 \$Profit) is the bulls rank within his breed within the sale bulls for that trait. So, #4 F:G ST means the 4th best Feed:Gain Stabilizer bull in the sale.
- All bulls are evaluated for foot soundness. Bulls below
 a 3 score are deemed to have less than desirable
 hooves. 2.5 Feet = flatter heal and/or slightly longer
 toe. 2.0 Feet = flatter heal and much longer toe. 1.5
 Feet = evidence of toes curling in on front or hind
 feet. All such bulls' feet have been trimmed and sell
 with our complete guarantee.
- Other abbreviations used in the comments include:
 - Dam 5@101 NR indicates that the bull's dam has five calves with an average weaning ratio of 101
 - WR & NR = weaning or nursing ratio. How the calf ranked within herd on their adjusted weaning weight.
 - YR = yearling ratio. How the calf ranked within herd on adjusted yearling weight.
 - AWW = adjusted 205 day weaning weight. AYW
 = adjusted 365 day yearling weight.
 - REA & IMF = either adjusted data or ratios for ultrasound ribeye area and inter-muscular fat (marbling).
 - ADG = average daily gain on test. WDA = weight per day of age at a year.
 - Stay = the Red Angus EPD for Stayability. This
 predicts the likelihood that a bull's daughters
 stay in the herd. +14 means that 14% more of
 this bull's daughters will be in the herd at age 6.



BUILD A LEGACY



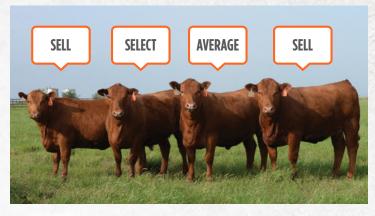
Generations of breeding decisions have laid the foundation for your herd. Now you can continue—and improve—that legacy with INHERIT Select, $^{\text{M}}$ a genomic tool to help cow-calf producers with crossbred cattle make more informed selection and breeding decisions.

INHERIT Select provides the industry with Genomic Expected Progeny Differences (GEPDs) for 16 traits that inform three economic indexes which simplify complex information to make better management decisions easier.

THE VALUE OF MORE INFORMED DECISIONS

A replacement can take about 4 years to break even.¹ Identifying females that produce more valuable calves can add value long term.

With GEPDs and indexes provided by INHERIT Select, you can make earlier and better selection decisions to identify future replacements. Selecting the right replacements is critical to the future of your herd, and has a direct impact on short-term profitability.



- Earlier marketing decisions can help reduce heifer-raising costs and generate revenue.
- Future herd productivity is accelerated by selecting females with more favorable predictions.

HARNESS HYBRID VIGOR AND SIRE PARENTAGE

INHERIT Select identifies genomic approximations of breed composition to help harness hybrid vigor and optimize production efficiency by:

- Determining emphasis by breed contributing to crossbred GEPDs
 - Incorporating parent information for improved accuracy
- Indicating potential maternal hybrid vigor that favorably impacts reproduction, fitness and survival traits
- Helping to inform breeding decisions in future calf crops

Page 24 see video at www.leachman.com

Zoetis and Leachman Cattle of Colorado Enter New Agreement to Advance Genetic Improvement in Beef Cattle

New agreement combines Leachman data with Zoetis expertise to expand the accuracy of breeding, selection and marketing decisions.

PARSIPPANY, N.J. (November 5, 2018) —

Zoetis today announced a new data and testing agreement with Leachman Cattle of Colorado to provide a unique genomically enhanced genetic evaluation. Genomically enhanced evaluations, in which genomic data is combined with pedigree and phenotypic records for a designated population of animals, allow for more accurate and reliable genetic selection tools. The analyses resulting from this agreement will leverage Leachman's multi-breed database that houses over one million animal records and the latest genomic technology from Zoetis to improve profitability for customers.

"We believe the Zoetis technology can improve both the reliability of our predictions and our herd's rate of genetic improvement," said Lee Leachman, founder of Leachman Cattle of Colorado. "Our goal is to be a global leader in the genetic improvement of beef cattle. Combining our expansive, multi-breed database with Zoetis' genetic evaluation expertise and our \$Profit® technology should ensure we achieve that goal."

Leachman Cattle of Colorado is a Fort Collins-based beef cattle seedstock company marketing more than 2,000 bulls per year and providing its \$Profit index to U.S. and international seedstock producers who market an additional 6,500 bulls per year. Leachman strives to make customers more profitable by accelerating genetic improvement and currently ranks as the fourth largest beef cattle seedstock provider in the United States.

An evolving relationship

Zoetis and Leachman have enjoyed long-standing business ties; this new agreement will result in even more dependable genetic predictions. "We are contracting with Zoetis to help make our EPDs even more reliable. Our experience has shown that Zoetis is the most dependable in the industry," Leachman said.

"This is a natural progression," said Jason Osterstock, executive director, Global Genetics at Zoetis. "Leachman and Zoetis both have a keen focus on the profitability and success of commercial cattlemen."

With access to the analytic pipelines and genomic expertise that are synonymous with Zoetis, Leachman will be able to achieve greater genomic advancements as part of their breeding program and further their focus on success of producers.

A leader in genetics

Zoetis has extensive experience in bovine genetics, including development of the first commercially available genetic evaluation designed for cow and calf wellness traits in U.S. Holstein cattle. Zoetis leadership in technological advancements also includes multiple commercially available genomic offerings across many beef and dairy breeds.

The addition of Leachman's data from one million animals will strengthen the reliability of Zoetis genomics testing in beef cattle and may lead to future genomic innovation for beef cattle producers.

To learn more, visit Zoetis.com.

About Zoetis

Zoetis is the leading animal health company, dedicated to supporting its customers and their businesses. Building on more than 60 years of experience in animal health, Zoetis discovers, develops, manufactures and markets medicines, vaccines, and diagnostic products, which are complemented by biodevices, genetic tests and a range of services. Zoetis serves veterinarians, livestock producers and people who raise and care for farm and companion animals with sales of its products in more than 100 countries. In 2017, the company generated annual revenue of \$5.3 billion with approximately 9,000 employees.



For more information, visit www.zoetis.com.



2056 West County Road 70 Fort Collins, CO 80524

It's Time to Buy a BETTER BULL!



YOU MAKE THE COMPARISON

	Leachman	Popular Industry Bulls			
Value for Your Money:	You pay an average price but get much more in return. Our bulls sell based on merits of real world, measured profitability	You pay full price but don't really have any way of putting a value on the financial impact of your bull purchase.			
Feed Intake:	Tested and selected for reduced feed intake.	Not even measured for feed intake.			
Cow Herd Profit: (\$Ranch)	Selected to improve cow herd profit with our unique \$Ranch index.	Selected for bigger numbers under artificial seedstock conditions.			
Birth to Harvest Profit: (\$Profit)	\$16,000 average on \$Profit – making your herd more valuable over time.	\$7,000 - \$11,000 average on \$Profit- limiting your herd's annual improvement.			
If You Were Buying a Truck:	You pay an average price but get a one ton, diesel 4x4 with the towing package and leather seats.	You pay full price, but don't know if you are getting a one ton or a half ton, a diesel or gas, a 4x4 or a 2x2			



