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SUMMER 2014 NEWSLETTER

Members of the Spitzer Ranch Alliance have two websites you may find interesting. Of course there is the Spitzer Ranch website at (www.srbulls.com), but our Cooperators the Hunt Family also have a website at (www.huntsbrangus.com). We attempt to keep these up-to-date so if you want the most current information including sales, news, genetics and etc, we would send you to the web.

2014-15 SPITZER RANCH BULL DEVELOPMENT TEST

All of you know how much emphasis we place on performance and EPDs. However, these calves are the most phenotypically correct and eye pleasing bulls we have raised to date. Many are sons of the performance standouts TCB Catawba Warrior R532, Aces TF Wrangler 145/8 and MC Abrams 468T22 along with sons of these bulls raised in our own genetic program.

The thirty three bulls deemed good enough to enter this year's program are gaining an average of 3.53 pounds per day (Group 2014-1) and 3.29 pounds per day (Group 2014-2) through their first stages of development. And that average daily gain (ADG) is for calves straight off the cow with no warm-up period, no creep feed and grazing crabgrass supplemented with soy hulls and corn gluten feed. Performance of these bulls is right on target as they are never pushed for maximum gain but developed over the 168-Day Forage Based Test to be sound, athletic bulls with a productive life in the breeding pasture.

These calves are the product of a program with thirty two years of consistent selection pressure for low birth weight, high growth **CURVE BENDER** genetics. Seventy nine percent of these bulls have BW EPDs less than the Brangus breed average while at the same time 94% have YW EPDs greater than Brangus breed average. Additionally, if you need to breed heifers, over one half of these calves have BW EPDs and birth weights earning them the right to be classed as **Calving Ease Bulls**. While there are almost no Brangus bulls that sire calves with any calving difficulties in mature cows, those bulls that earn the "calving ease flag" in the Spitzer Ranch program all but guarantee first-calf-females a really easy time at calving.

While we claim a well earned reputation for producing those sought after curve bender bulls, don't ever think we would ignore the rest of the production picture. Do you need bulls to sire cows that milk and that have high maternal value? Ninety seven percent of these bulls have Milk EPDs and Total Maternal EPDs higher than breed average and everyone knows

the excellent reputation Brangus cows have earned as mothers. Do you need bulls to sire calves with improved carcass quality? Two thirds of these bulls have the genetics to sire calves with rib eye areas larger than Brangus breed average and 70% have percent intramuscular fat (marbling) EPDs higher than breed average.

In short, if you need to get bulls into your cow herd that have the bred-in genetics to sire calves with **lower birth weights** while at the same time **increasing growth** to weaning and yearling ages; if you need to produce replacement females with **more milk** and **better maternal ability**; if you need to add **muscle** and produce those reputation calves with a **greater percentage of choice** grading carcasses; then you need to give these bulls serious consideration for your next herd sire. Brangus crossbred cows are just the ticket to increased heterosis and all the advantages hybrid vigor brings to your cow herd. This set of bulls gives you the opportunity to pick through a genetic selection program that compliments the heterosis that cannot be ignored if your desire is

increased profitability.

Please consider the Spitzer Ranch Professional Cattlemen's **Brangus Bull Sale** set for **Saturday, February 28, 2015**. Your cows will be glad you were there. **"If your cows could speak, we wouldn't need to advertise."**

WILL & NOLA TAYLOR OF BAR T RANCH ADDED TO CUSTOMER HONOR ROLL

In 2004 we began our Customer Honor Roll as a way to express our thanks and appreciation to those who have been repeat customers through the years. The 2014 recipient is really special as the Taylor family has been customers for 27 years. It is also pretty astounding to realize that Will Taylor (on his own) has been a customer for over 15 years and he is still in his 20s.

The first Brangus arrived on Bar T Ranch in 1987 when the late Lee Brown Taylor purchased a Spitzer Ranch Brangus bull to use in his commercial cow herd. His son, Richard, and grandson, Will, now operate Bar T Ranch in Honea Path, SC. Will has been around cattle his entire life as evidenced by an early photo of a two-year-old in his John C Taylor Stockyard cap surrounded by a group of curious heifers. Soon Will became interested in showing livestock. By then family friends the Spitzers had three sons with a sheep flock and actively engaged in showing lambs. The boys were more than willing to assist Will in beginning his livestock project.

While exhibiting sheep was a fun and educational experience,

Will's ultimate goal was to show cattle. At the age of 9 that goal became a reality in the form of a home raised Brangus crossbred commercial heifer. It wasn't long, however, before he had a new goal of owning his own registered Brangus.

Will and his father traveled to Spitzer Ranch on a spring Saturday in 1998 and viewed two bred cows with heifer calves at side that were consigned to the Georgia Peaches Brangus sale in Perry, GA. Using the money he had won showing heifers Will was able to purchase one of those pairs. The calf would become a successful show heifer while the cow gave birth to another heifer calf and Will's purebred herd was on its way.

From the beginning the Spitzers welcomed bull calves from Will as consignments to their annual bull sale. In 2002, Will consigned his first two bulls which earned a respectable price and provided him with dollars to expand his Brangus herd.

Striving for improvement and wanting his cows to be as good as they could be Will completed the Artificial Insemination (AI) course at Clemson University as a sophomore in high school. The use of AI allowed him to use the best genetics in the breed to produce heifers that performed in the show ring but also made a good mama cow when their show careers were over.

After high school Will continued his education as an Animal Science Major at Oklahoma State University (OSU), Stillwater, OK. He still

somehow found time to fly home for the annual bull sale and to AI cows; all in a weekend's time.

After earning a Bachelor of Science degree from OSU in 2008, Will returned to SC and began a career in finance. While his position at TD BANK is full time employment, he still finds time to continue bettering his purebred herd and assisting his Dad with the commercial cows.

In 2010, Will married Nola Burnette from Columbia, SC who was raised in the city but was more than willing to learn the ropes of life in the country. She adapted well and has become great help. In 2013, Will and Nola welcomed the birth of their daughter, Hannah, who even now enjoys helping Mom and Dad check cows in the evenings.

Will is among the first to say that lessons learned growing up on the family farm and in the show ring are applicable in everyday life. And that is certainly one of the greatest blessings he sees in being able to raise Hannah on the family farm. Since he got started in the Brangus breed over fifteen years ago Will has consigned 35 bulls to the Spitzer Ranch Professional Cattlemen's Bull Sale; including the high selling bull in 2012. Cattle have always been and, the Good Lord willing will continue to be a part of Will and his family's livelihood and their way of life. But Will says, "It's the people associated with the industry and the beneficial relationships that I have been able to develop over the years that stand out the most to me".

OUR LEGACY: the Land, the Family, the Cattle (NCBA)



CROSSBREEDING VERSUS STRAIGHT-BREEDING OF BEEF CATTLE

{Editors Note: This article appeared in FEEDSTUFFS, Dec. 16, 2013 and is reprinted by permission. It was written by an excellent Beef Geneticist, Dr. Darrh Bullock at the University of Kentucky. Boldfaced type by the Editor}

Over the last few years, there has been a lot of debate over the practice of straight-breeding versus crossbreeding --- **too much, to be quite honest.**

As with any other decision in beef cattle management, this one should be approached by determining what the practice costs versus what it returns. Of course, there are always other variables that come into play such as convenience and personal preference, but for most cattle producers, the driving force behind management decisions is economics, whether real or perceived.

This article explores some current trends, exposes some potential misconceptions and reviews some production and economic implications associated

with crossbreeding.

Based on surveys of beef producers in Kentucky conducted in 2002 and again in 2012, approximately 10% of commercial producers had moved from crossbreeding to straight-breeding in their herd: 88% used crossbreeding in 2002 versus 78% in 2012.

When asked why this change occurred, the typical response was that there is a \$5-10/cwt. premium for selling black calves. Based on a 2008 report from the states of ND, SD and MT, that difference is closer to \$3/cwt., but nevertheless, there is a premium paid for black calves.

I think most people would agree that this reduction in crossbreeding is actually a shift not to just straight-breeding but to straight Angus breeding.

To try to better understand why this change was occurring, a series of questions were asked in the genetics portion of Kentucky's Master Cattleman educational program where farmers answered the questions using electronic polling devices. Almost 400 beef producers participated in this poll.

In response to the first question: "How important is coat color in your bull selection?" --- 66% answered "very important," 30% answered "somewhat important" and 4% answered "not very important." These results indicate that other than for a very small fraction of producers, coat color is on their mind when they buy a bull.

This led to the next question: "What traits do you think coat color impacts?" --- To which 2% answered "birth weight," 2% answered "weaning weight," 5% answered "carcass traits," 41% answered "coat color" and 50% answered "all of the above."

The correct answer is "coat color" alone. Coat color is controlled by one pair of genes, so if a calf gets one or two black genes from its parents, it will have a black coat, but it needs to get a red gene from both parents to be red.

There has been no evidence to suggest that these genes have any association with any production traits. No performance differences should be expected between black and red full-sibling calves for any trait.

So, the obvious question is: Why do we place so much emphasis on coat color if it doesn't affect any production traits? The answer, for most producers, is: "If the market pays for it, I'm going to select for it."

When asked, "Why do you think the market pays for a trait that is not associated with any production traits?" the common response is the promotional campaign of Angus, specifically the Certified Angus Beef (CAB) program.

To follow up on this, the last question in the series was: "How much Angus breeding is required for Certified Angus Beef?" --- 11%

answered "100%," 19% answered "75%," 36% answered "50%," 20% answered "25%" and 13% answered "0%." Most of these beef producers are amazed when informed that **CAB requires 0% Angus breeding**; it requires 51% black-hided OR Angus source, which means certified Angus sired.

Of course, there are a multitude of other requirements to qualify as CAB, and **it truly is a great product** that, in my opinion, has benefited the entire industry by giving consumers a name brand to relate to. However, in some ways, it has likely limited some commercial beef producers' production capacity by luring them into repeated purchases of bulls from the same breed, thus reducing the amount of hybrid vigor (heterosis) in their herd.

HETEROSIS REVIEW

Let's review hybrid vigor and what it means to the beef industry.

It is easy to see where the two bookends of the beef industry, the seedstock producers and the packing industry, would not greatly benefit from hybrid vigor.

Seedstock producers have the desire to sell as many bulls as possible, so if a commercial producer wants to continue to purchase bulls from a particular breeder, why stop him?

Also, **heterosis has limited effects on carcass traits, and for most, it is close to 0%**; therefore, the packing industry sees very little benefit in carcass improvement through the implementation of a good crossbreeding program.

The greatest benefactor of a sound crossbreeding program is the commercial cattle producer. The group of traits influenced the most through a crossbreeding program is the reproductive traits. Individual heterosis for calving rate is approximately 4.4%, and maternal heterosis adds another

3.7%. This, along with an improved survival rate to weaning, simply means more calves on the truck on sale day. Combine that with an improved milking ability and added growth, and the result is more pounds of sellable product.

The estimates for heterosis for pounds of weaned calf per cow exposed (the closest measurement of sellable product in the commercial industry that I know of) is approximately 24%, assuming maximum heterosis --- an F1 cow bred to a bull of a different breed, which is almost nonexistent in the beef industry. In the simplest two-breed, rotational crossbreeding system, switching the breed of bull every four years generates a heterosis estimate of approximately 12-16%.

With a crossbreeding program, a slight increase in the mature weight of brood cows will result, which adds to maintenance costs, but there is also an increase in longevity, which keeps the cow in the herd an additional year.

For argument's sake, let's say maintenance and longevity cancel each other out, and we assume that we are going to increase pounds of weaned calves by 15% (upper end of the simplest crossbreeding system). If we sell 50,000 lb. of straight-bred calves at \$150/cwt., the net income would be \$75,000.

Crossbreeding increases sellable weight by 15%, or \$11,250. The straight-bred calves are going to weigh slightly less, so you could apply a slide, but it would be minimal, so for simplicity's sake, I did not. Therefore, if you are going to make up the difference by getting a premium for your straight-bred calves, they would need to sell for \$172.50/cwt., or a \$22.50/cwt. premium.

THE BOTTOM LINE

It is not likely that you could ever convince a buyer to give you

a 15% premium for your calves, regardless of the breeding program. The other **reality is that I can do this very crossbreeding program and still produce all black calves, which would entitle me to the same premium as the straight-bred producer, plus the 15% increase in production.**

I will concede that I have provided this example with the assumption that calves are sold at weaning and that if you retain ownership all the way through and get paid on the grid, there is an increased opportunity to make up some of the difference with an aggressive selection program.

You may argue with my logic, my numbers or anything else, but the one thing I would like you to take away from this article is that you need to do the pencil calculations on every management decision. Determine the potential gains, and subtract the potential costs. If you come up with a positive number, then go for it; if not, then don't.

FOR SALE

THE HERD-BUILDING KIND

5 Registered Brangus First-Calf Two-YR-Olds Bred from 3/4/14 thru 4/17/14 to our JR Herd Sire SR Mohican Warrior Y174. ECD 12/11/14 thru 1/24/15.

CONTACT-----
The Spitzers @ 864/972-9140

6 Registered Brangus First-Calf Two-YR-Olds Bred from 6/7/14 thru 8/7/14 to H+ Mohican Warrior Z213 or SR Apache Warrior Z275. ECD 3/16/15 thru 5/16/15.

CONTACT-----
Seth Hunt @ 770/548-1667

**GRAHAM K. "MISTER"
DUBOSE FEBRUARY 27,
1940 - MAY 16, 2014**

{Seldom do we publish obituaries in our Newsletters, but the entire Spitzer Family has never had a better friend than Mister. He will not be forgotten by any of us.}

The beef industry lost one of its absolute best as Mister (Graham Kennedy DuBose) lost a short battle with cancer Friday, May 16, 2014 at the age of 74. Born in Camden, SC to the late Charles Perkins "CP" DuBose, JR and Edith Wills DuBose, he was a longtime resident of Boykin, SC. He was devoted to his family and is survived by his son, Graham Kennedy DuBose, JR, his wife Sara DuBose and son Ford Wesley; his stepdaughter Pam Omohundro, her husband Dr. Luke Omohundro and daughters Charis and Sadie; his stepson Brian Rogers, his wife Dominic and children Brooke and Brandon; and Mister's sister Sue Ziemke. DuBose was predeceased by a brother Charles Wills DuBose. Graham was such a large individual even as an infant that he was called "Mister", the name stuck, and for his entire life he was known to family and friends as Mister.

Mister had a lifelong interest in Agriculture and an absolute passion for good cattle, Border Collies and the using kind of horses. This passion was stoked when he cowboied on ranches in Wyoming as a late teenager and through his early 20s. A stint in the army put his plans on hold for a short time but after discharge he returned to South Carolina and began Farming and Ranching in 1965. DuBose grew a variety of row crops and farmed large acreages of owned and rented land while also building a very productive commercial cow/calf

operation. Mister liked to joke that "one day my brains came in and I decided that for me running cows and sitting a horse was a lot more productive and certainly more fun than riding a tractor".

At that time he devoted his efforts to expanding his commercial cow herd while also developing a Registered Brangus operation. The attention of DuBose Brangus was always to early and continued fertility, milk production and mothering ability. That genetic selection program soon found Registered Brangus cows with the "GKD" prefix to be highly sought after by others in the Brangus breed. Once the registered beef industry developed EPDs, one of his bulls from those early days, GKD Pistol R103, became one of the Brangus breeds

Association (SBBA). He served on almost every committee for SBBA and was elected to the **SBBA Board of Directors** where he served two three-year terms from 1981 thru 1986. Mister was additionally elected as **SBBA Vice-President** in 1982 and 1983 followed by selection as **SBBA President** in 1984. Personal decisions and other financial opportunities led to a dispersal of the Registered Brangus cow herd in the early 1990s.

Mister devoted the rest of his life to his commercial operation, DuBose Cattle Company, where he used a disciplined and systematic two-breed crossbreeding program using Angus bulls on Brangus sired cows and Brangus bulls on Angus sired cows. Soon his Brangus/Angus crossbreeding



Ben Spitzer and Mister visiting at our 2009 Bull Sale.

first EPD Trait Leaders for Milk and Total Maternal. Soon time and management dictated a sell-off of the commercial cows and total involvement with Registered Brangus.

DuBose was an active member of the International Brangus Breeders Association and the Southeast Brangus Breeders

scheme was weaning calves weighing 650 to 700 pounds at seven months of age. Mister's rules were always to grow grass, keep cattle healthy and well fed, buy quality genetics and have a sound, simple crossbreeding plan.

Mister was truly a student of cattle production and often early to adopt management tools he

deemed profitable. He was an early adopter of Pre-Conditioning along with pre-weaning vaccination programs and back-grounding calves for 45-60 days before shipping. When the economics of the cattle market was favorable and additional profit was to be had, he retained ownership on his calves through the feedlot and grid marketing beef programs. DuBose religiously not only culled the bottom 10% of his heifer calves to select for performance, but additionally culled the top 10% to place downward pressure on cow size. And he was one of the first to have planned sales of commercial replacement heifers as a profit center of his marketing plan. Mister studied and used performance records and EPDs for his bull selection before most cattlemen knew what they were. Over the past several years DuBose used synchronization and timed artificial insemination (AI) programs on his replacement heifers when many registered cattle producers still don't use AI.

Mister was surely an innovator and a respected leader in beef cattle production. In recognition of his expertise Graham K. "Mister" DuBose was named the **2012 South Carolina Cattleman of the Year** with the comment that the focus for DuBose Cattle Company has always been on productivity and profitability. Additionally, Mister gave back to the South Carolina Cattlemen's Association and was elected and then re-elected to serve consecutive three-year-terms on the **SCCA Board of Directors**. His peers thought enough of his sound judgment to do this three times over the past forty plus years so he served a total of eighteen years as an SCCA Director

A gregarious man and a true and loyal friend to his friends, he

will be sorely missed but never forgotten. Mister could be blunt but if you were his friend he always had your back. Even if you were wrong, and he might darn sure tell you that you were wrong, he still had your back. Mister was always fun to be around and his comments were priceless and sometimes sheer genius as he succinctly separated wheat from chaff. Continuing health problems plagued the past few years and slowed him some but, never a quitter; he kept on doing what he loved. There has never been a more genuine individual than Graham DuBose. Mister loved life, he loved his family and he was always and evermore a "cowman's cowman" and a "friend's friend".

FAMILY TRADITION

{Original poem by Sally Harper Bates, with apologies as we have taken the liberty of changing names to our 3 sons.}

Spring brandin' boys, it's dirty,
And it stinks of burnin' hair.
Anybody in his right mind
Would rather not be there,
But through the years the family
Has gathered every spring,
And every ear will listen
To those bawlin' babies sing.

There's Jason he's near fifteen,
But he'd rather fish and hunt;
He'll give the shots, and mark their ears
And pat the little runts.
This family tradition,
He'd rather not be part;
He'll work beside his daddy
But it isn't in his heart.

And Ben, little Ben,
He's just barely turning five.
He's there because his Grandpa says
When new-born calves arrive,
It's everybody's duty
To lend a helping hand.
He holds and runs the needle,
As his boots drag through the sand.

But Brian, though he's only twelve,

A helping hand he lends.

While all the other youngun's wait
For all this work to end,

This family tradition is more than
that to him--

The blood that runs in his veins is
a cowboy's to the brim.

He loves it, as he ropes the heels
Of every little calf,

And drags 'em to the brandin' fire
He bandies and he laughs.

This family tradition
Is cowboy through and through,
Just like the heart of Brian
And it's what he likes to do.

EXPLANATION OF POEM

Patricia found this poem when Jason, Brian and Ben were exactly those ages. Fast forward 28 years and Jason Spitzer (DMD) is now a successful Dentist. He always did his share on the ranch and never shirked a job. But his heart was in becoming a Dentist and outdoors then as now. He is Doc's hunting, fishing and hiking companion.

Brian Spitzer (DVM) owns Hi-Plains Veterinary Services, Pratt, KS which is a two-person clinic. As a Veterinarian in rural practice he does what comes in the door, but the main focus and income is cattle and horses. Additionally Brian, Loretta and the four kids run about 40 registered Angus and Red Angus cows, about a dozen broodmares and in "spare time" lead the county 4-H horse club.

Ben Spitzer (BS, MS) has just as much, or even more, passion for the beef industry as Brian. Ben runs an agricultural marketing company, Spitzer Agribusiness and a video production company, SILO & CO, focusing on the needs for video promotion in Agriculture. His heart and mind are also heavily involved with Spitzer Ranch. Ben has become an astute and very progressive cattleman.

SPITZER RANCH Professional Cattlemen's Bull Development Program

Test 2014-1 77-DAY PERFORMANCE REPORT ~ August 8, 2014

ID Number	Sire	EPDs											Birth				Adj Weaning				OnTest	77-Days				
		BW	CE	WW	YW	MK	TM	CEM	SC	REA	%IMF	FAT	Date	WT	WT	RAT	NC	WT	Age	WT	ADG	RAT	WDA	RAT		
A302	TCB Catawba Warrior R532	-0.9	6.2	33	56	16	32	6.5	0.8	0.48	0.03	0.007	09/28/13	64	484	106	7	485	314	844	4.66	132	2.69	97		
A309	TCB Catawba Warrior R532	-0.5	7.0	35	67	21	38	6.5	0.8	0.50	0.04	0.009	10/06/13	74	488	107	7	477	306	780	3.94	111	2.55	92		
A323	SR Mohican Warrior X004	2.5	NA	37	61	12	30	4.5	0.6	0.26	0.07	0.000	11/06/13	84	473	103	7	407	275	668	3.39	96	2.43	88		
A335	SR Mohican Warrior X004	1.2	4.2	42	54	12	33	6.5	0.6	0.15	0.06	0.000	11/29/13	78	558	122	7	450	252	732	3.66	104	2.90	105		
A312	TCB Catawba Warrior R532	-1.4	6.8	32	65	18	34	6.0	0.9	0.61	-0.08	0.005	10/09/13	66	503	97	14	513	303	820	3.99	113	2.71	98		
A313	SR Wrangler Warrior T113	-0.6	6.0	38	60	17	36	6.5	0.4	0.42	-0.02	-0.005	10/14/13	70	561	108	14	560	298	870	4.03	114	2.92	105		
A318	TCB Catawba Warrior R532	-1.9	7.6	21	36	23	34	6.5	0.7	0.42	0.05	0.005	10/20/13	68	495	95	14	502	292	688	2.42	68	2.36	85		
A320	TCB Catawba Warrior R532	-1.2	6.4	33	58	18	34	6.5	0.8	0.38	0.01	0.010	10/22/13	70	535	103	14	553	290	844	3.78	107	2.91	105		
A325	SR Wrangler Warrior T113	0.4	5.8	41	60	15	36	6.0	0.6	0.37	-0.04	0.000	11/08/13	80	604	116	14	556	273	824	3.48	99	3.02	109		
A327	SR Mohican Warrior X004	0.8	4.2	25	51	16	28	7.0	0.4	0.10	-0.05	0.000	11/11/13	74	492	95	14	468	270	726	3.35	95	2.69	97		
A328	SR Wrangler Warrior T113	-0.3	5.2	34	59	14	31	6.5	0.4	0.56	0.06	0.000	11/12/13	68	551	106	14	520	269	766	3.19	90	2.85	103		
A330	SR Mohican Warrior X004	2.0	4.5	32	54	16	32	6.0	0.5	0.16	0.12	0.005	11/17/13	94	540	104	14	500	264	782	3.66	104	2.96	107		
A333	SR Mohican Warrior X004	2.8	4.5	43	68	16	38	6.5	0.8	0.24	0.06	0.000	11/25/13	94	598	115	14	533	256	780	3.21	91	3.05	110		
A337	SR Mohican Warrior X004	1.1	4.8	37	63	13	32	6.5	0.8	0.15	0.06	0.010	12/02/13	82	543	105	14	445	249	684	3.10	88	2.75	99		
A338	SR Mohican Warrior X004	0.4	4.0	37	60	12	30	7.0	0.6	0.03	0.10	0.005	12/02/13	72	543	105	14	467	249	706	3.10	88	2.84	102		
15	Total Bulls	0.3	5.1	35	58	16	33	6.3	0.6	0.32	0.03	0.003		76	531	106		496	277	768	3.53	100	2.77	100		

SPITZER RANCH Professional Cattlemen's Bull Development Program

Test 2014-2 56-DAY PERFORMANCE REPORT ~ August 8, 2014

ID Number	Sire	EPDs											Birth				Adj Weaning				OnTest	56-Days				
		BW	CE	WW	YW	MK	TM	CEM	SC	REA	%IMF	FAT	Date	WT	WT	RAT	NC	WT	Age	WT	ADG	RAT	WDA	RAT		
A343	SR Wrangler Warrior T113	0.4	5.0	28	44	17	31	6.5	0.7	0.13	0.03	0.000	12/28/13	76	548	100	1	456	223	640	3.29	100	2.87	95		
A351	Aces TF Wrangler 145/8	-2.0	8.6	23	47	16	27	7.0	0.6	0.11	0.12	0.005	10/17/13	60	623	96	2	654	295	856	3.61	110	2.90	96		
A369	Aces TF Wrangler 145/8	-0.4	7.6	24	48	19	31	6.6	0.6	0.27	0.10	0.010	11/12/13	76	681	104	2	652	269	812	2.86	87	3.02	100		
A355	Aces TF Wrangler 145/8	-1.5	8.7	21	40	22	33	7.2	0.3	0.17	0.13	0.005	10/31/13	84	565	96	3	576	281	808	4.14	126	2.88	95		
A360	Aces TF Wrangler 145/8	1.0	4.4	27	49	23	37	5.4	0.3	0.26	0.11	0.005	11/04/13	94	603	102	3	628	277	850	3.96	121	3.07	102		
A361	MC Abrams 468T22	-1.6	7.5	31	57	18	33	5.8	0.4	0.58	0.15	-0.005	11/05/13	76	605	102	3	610	276	804	3.46	105	2.91	97		
A366	Mr. PB Red Bull 521/09W	1.1	4.3	29	50	4	19	6.4	0.5	0.46	-0.22	0.020	11/06/13	88	657	110	7	696	275	928	4.14	126	3.37	112		
A367	MC Abrams 468T22	-0.8	7.1	29	55	14	29	7.0	1.0	0.60	0.14	-0.005	11/06/13	80	660	111	7	690	275	888	3.54	108	3.23	107		
A368	MC Abrams 468T22	0.3	5.6	35	64	21	39	6.4	0.6	0.61	0.15	0.000	11/08/13	92	667	112	7	694	273	884	3.39	103	3.24	107		
A371	TCB Catawba Warrior R532	-3.3	10.1	21	48	22	32	6.8	0.7	0.53	0.11	0.015	11/14/13	74	523	88	7	536	267	728	3.43	104	2.73	90		
A376	TCB Catawba Warrior R532	-3.0	9.3	24	54	17	29	7.0	1.0	0.34	-0.04	0.010	11/23/13	74	596	100	7	580	258	762	3.25	99	2.95	98		
A382	SR Mohican Warrior Y174	-0.9	6.9	30	61	18	32	6.6	0.8	0.54	-0.15	0.000	01/08/14	86	691	108	2	526	212	722	3.50	106	3.41	113		
A383	SR Mohican Warrior Y174	-0.1	5.8	30	58	16	31	6.2	1.0	0.47	0.01	0.000	01/13/14	88	588	92	2	416	207	624	3.71	113	3.01	100		
A389	MC Abrams 468T22	-2.0	7.8	22	49	22	33	7.5	0.5	0.41	0.12	-0.010	10/30/13	81	582	92	5	618	282	750	2.36	72	2.66	88		
A390	MC Abrams 468T22	0.3	5.8	34	58	16	33	7.5	0.8	0.62	0.11	-0.010	10/31/13	96	667	105	5	710	281	862	2.71	83	3.07	102		
A391	TCB Catawba Warrior R532	-1.3	5.9	34	56	15	32	5.5	1.4	0.61	0.01	0.005	11/01/13	86	682	108	5	736	280	882	2.61	79	3.15	104		
A394	WT Uppercut Warrior U843	-0.6	5.4	19	44	12	22	6.0	1.0	0.40	0.07	0.000	11/18/13	86	584	92	5	580	263	740	2.86	87	2.81	93		
A397	WT Uppercut Warrior U843	0.1	5.7	27	50	16	30	5.5	1.0	0.34	0.03	0.000	11/28/13	92	654	103	5	628	253	760	2.36	72	3.00	100		
18	Total Bulls	-0.8	6.8	27	52	17	31	6.6	0.7	0.42	0.06	0.003		83	621	101		610	264	794	3.29	100	3.02	100		

Average EPDs SPITZER RANCH BRANGUS Bulls 2014 - Tests 1 and 2

EPDs	BW	CE	WW	YW	MK	TM	CEM	SC	REA	%IMF	FAT
SPITZER RANCH Bulls	-0.3	6.1	31	55	17	32	6.5	0.7	0.40	0.00	0.000

Average EPDs BRANGUS Nonparents - Spring 2014 Sire Summary

EPDs	BW	CE	WW	YW	MK	TM	CEM	SC	REA	%IMF	FAT
BRANGUS Non-Parents	0.8	5.1	24	44	11	23	7.1	0.6	0.31	0.02	0.000

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Professional Cattlemen's Performance Tested Brangus Bull Sale Brangus, Red Brangus and Ultrablack Curve Bender Bulls

Saturday, February 28, 2015 at 1:00 PM (EST)

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for 2 miles and look for our ranch sign on your left.

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