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SUMMER 2013 NEWSLETTER

Our friends and Spitzer Ranch Alliance Cooperators, the Hunt family, Hunt's H+ Brangus, Calhoun, GA now have their own website (www.huntsbrangus.com). Seems like the frequency of "hits" there and on Spitzer Ranch website (www.srbulls.com) increase almost daily. If you want the most current information including sales, news, genetics and etc, we would send you to the web.

2013 SPITZER RANCH BULL DEVELOPMENT

We are really pleased with the 35 bull calves weaned and being developed for the 2014 Spitzer Ranch Professional Cattlemen's Brangus Bull Sale on February 22. Calves on Test Group 2013-1 were weaned on May 23 with calves on Test Group 2013-2 weaned on June 20. Since weaning these calves have been grazing crabgrass and fed a commodity mix of soy hulls and corn gluten feed balanced for all nutrients, and bermudagrass hay.

So far bulls in Group 1 have averaged a gain of 3.37 pounds per day thru 112 days on test. Average daily gain for Group 2 bulls was 3.04 pounds for the first 84 days after weaning. Over the entire 35 bulls the average gain so far has been 3.17 pounds which is very close to what our ration calculation pegs their gain. As always, **we do not creep-feed these calves** and the weaning weights are what Mother Nature dictates for our conditions this year. Additionally **there is no warm-up period** and calves started

test the day they were weaned and gains include weaning stress.

Our program develops these bulls at approximately 3.25 pounds of gain per day for a 168-day development program. By sale day they will be 1300-1500 pound, 14 to 17 month old athletically sound bulls with little fat cover and ready to go to work breeding your cows. Please give their EPDs a close look on page seven of this Newsletter.

The EPD profile for the average Spitzer Ranch Bull (chart at bottom of page seven) places him in the **Top 20% for BW, WW and YW EPDs, and the Top 6% for MK and the Top 10% for TM EPDS** compared to all Brangus Non-parent bulls. Carcass EPDs indicate that average Spitzer Ranch Bull to also be in the **Top 35% for REA and the Top 25% for %IMF EPDs**; again compared with all Brangus Non-parent bulls.

We have been designing our breeding program around "Curve Bender" genetics for over 31 years. We are excited to report these bulls average BW EPD is 1.2 pounds lighter and YW EPD 11 pounds

heavier than the Brangus Non-parent bull average. These calves really exemplify bulls that are born with lowered birth weight and then grow --- fast. As icing on the cake, **20 of these bulls will be "flagged" as true calving ease bulls** very suitable to breed to heifers with assurance they will not cause calving difficulties. Our genetics are absolutely predictable and these bulls will sire exactly that kind of a calf. We invite you to come take a look!

NOTE-The Brangus Association (IBBA) usually has Fall EPDs published long before now. There is a delay in getting the Fall 2013 EPD report published. Therefore these data are from the Spring 2013 EPD report. These EPDs are subject to change in the next report. Many calves with the higher weaning weight ratios will show an increase in their individual WW and YR EPDs because of adding in individual weaning performance data. Birth weight EPDs will not change much as those were recorded with IBBA before the last EPD data analysis.

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

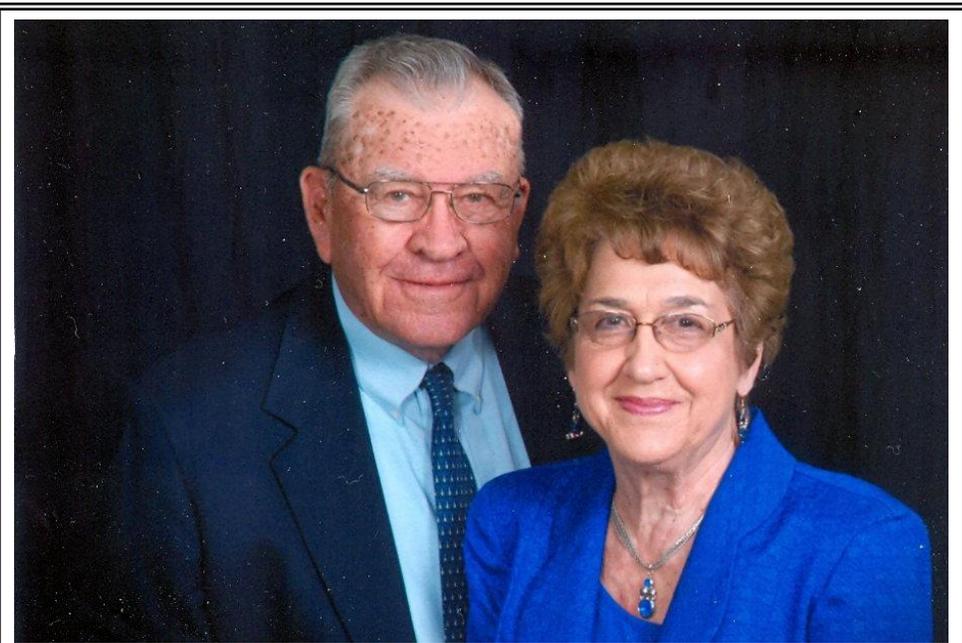
J. C. AND JOANNE BASS ADDED TO HONOR ROLL

This tradition began in 2004 to express our sincere appreciation to those who have been repeat customers through the years. It is our way of saying “thanks” to all by featuring individuals that have been loyal to Spitzer Ranch. Those we recognize have recommended our bulls to their friends and neighbors in addition to being many year repeat bull buyers. In fact, many attend our annual bull sales (even when they don’t need a bull); cheer for our success; and give honest and sincere feedback on our genetics. We can assure you that honoring them certainly means more to us than those we feature. We will continue to add someone each year.

Our 2013 recipients, J. C. and JoAnne Bass, have been good customers for several years now and have become a couple we are proud to call friends. We always look forward to getting re-acquainted with them each year. Sometimes in life you run into people you instantly like and admire; wishing they didn’t live so far away as they would be fun to visit with on a regular basis. They are genuinely such people.

The Bass family is certainly no stranger to our Florida customers. J. C. tracks ancestors back four generations as early settlers farming and ranching in Florida. Currently, they operate as FOUR K RANCH, INC and BASS RANCH, INC running significant operations in both Florida and Alabama.

J. C. was born in Okeechobee County, educated in Okeechobee schools and attended the University of Florida before the Korean War interfered. He enlisted in the Marine Corps, serving with distinction in the midst of the fighting right on the North-South border. J. C. was awarded the much



J. C. and JoAnne Bass, Four K Ranch, Inc and Bass Ranch, Inc, FL and AL

coveted Silver Star for extreme valor. JoAnne is also a Florida native and attended Florida State University. In addition to being a ranch wife for 58 years she has had her own career in Banking and Real Estate. Plus - keeping J. C. straight.

J. C. has served agriculture as a member of the Okeechobee County Farm Bureau for over 50 years, serving as a county director most of those years. He served on the Florida Farm Bureau Board of Directors from 1982 to 1990, then on the Executive Committee when he was elected as Florida’s State Treasurer (1987-1990) and State Vice President (1992-2000). J. C. has been Chairman of the Florida Farm Bureau as well as the American Farm Bureau Livestock Committees and served as a director for the Southern Farm Bureau Life Insurance Company. For his many years of leadership he received the prestigious Distinguished Service to Agriculture Award from the Florida Farm Bureau in 2001.

J. C. is also a long time member of the National Cattlemen’s Beef Association (NCBA) and served two terms as representative from Florida on the National Beef

Research Board (predecessor to the Cattlemen’s Beef Board (CBB)) at the inception of the national Check-Off program.

J. C. and JoAnne have four children and have been blessed with eleven grandchildren. Pride cannot hide when JoAnne says, “several of them work with us in our ranching operations.” Every year we see them, J. C. says something about getting old but we don’t see any evidence they are slowing down much. They are active members of Ino Baptist Church and both continue involvement with many community activities. J. C. has specifically taken up the mantle as an avid and passionate spokesman for Agriculture in general and specifically private property rights.

“If I merely break a trail for others who will surpass me, I will be satisfied . . . and maybe the footprints of the one who showed them the way need not be rubbed out entirely.”

--- Roy Mitchell

This just seemed an appropriate way to give tribute to J. C. Bass.

THE ADDITIONAL BENEFITS OF CURVE BENDER BULLS FROM SPITZER RANCH

For those of you who have followed our program over the years, the logic of our **Curve Bender Index (CBI)** is obvious. For new contacts, a brief explanation is that it allows for genetic selection for two traits that are antagonistic to each other. Profitable cattle production requires two things; a live calf at birth and all the growth you can get through weaning or yearling age.

Generally the bulls that sire small calves at birth (equated to more live calves) and those with high growth genetics are totally different animals. Very few bulls have the genetics for both small calves at birth and high growth. The few that do we call Curve Benders and they are extremely hard to find in any breed. Since we developed the CBI, we have used those kinds of sires exclusively and have developed the reputation for producing bulls with low birth weight - high growth genetics. A complete explanation of the Spitzer Ranch exclusive CBI can be found at www.srbulls.com.

But wait, there's more! We have also championed that selection for yearling weight EPD will improve your calves' weaning weights to a greater degree than will selecting for directly for weaning weight EPD. There are many studies to prove that as fact. Some have suggested that selecting for yearling weight will increase Frame Score and cow size. They tout the assumption that selecting for weaning weight will not. However a review of the genetic selection experiments reported at this summer's BIF Conference would indicate the genetic correlation between yearling weight and mature weight; and weaning weight and

mature weight to be almost identical. The kicker is that the genetic correlation between birth weight and mature size is again almost identical to that of the growth traits.

Simply, selecting for heavier birth weights, weaning weights or yearling weights generally equates to larger mature weights. The opposite is also true, but until recently no selection studies had been conducted to see what would happen if selection was for **less birth weight and more growth at the same time.**

Dr. Gary Bennett, Research Leader in Genetics at USDA, MARC, Clay Center, NE has reported on a series of studies with the selection objective to decrease calving difficulty and birth weight while maintaining growth. The study covered seven years and included 6926 calves born in the *SELECTED LINE* and 2043 calves born in the *CONTROL LINE*, where selection was to increase growth the same as in the select line with no concern for calving difficulty or birth weight. Females in each line were replaced with heifer calves born in that line.

The results are nothing short of eye opening and tremendously significant for commercial beef production. By the final year of the study the differences between the *SELECT LINE (SL)* and the *CONTROL LINE (CL)* were absolutely amazing.

Birth weights were 8.6 pounds lighter for *SL* calves than for *CL* calves. The proportion of First-Calf-Cows requiring help at calving was cut in half for the *SL* versus the *CL*. At the same time weaning and yearling weights for calves from both the *SL* and the *CL* had increased but were the same. (Actually the weaning and yearling weights for the *SL* calves were numerically greater but the

difference was not noted to be significant.) Of huge significance is the fact that yearling hip heights were decreased by 1/2 inch (that is a fourth of a frame score folks) in the *SL* females as compared to the *CL* females.

As an aside, 295 steers born in the last two years of the experiment were fed-out and carcass traits collected. *SL* steers had equal carcass weight and rib eye area with lower live slaughter weight than *CL* steers. They were also slightly fatter and had slightly greater marbling scores and increased quality grade than *CL* steers.

This is the first major study with huge numbers of calves born in each line to indicate that **selecting concurrently for lower birth weight and more growth bends the growth curve**: birth weights are reduced; calving problems in First-Calf-Cows are reduced; calf survival is increased; weaning and yearling weights are equal or heavier; frame score and mature weights are reduced and cows reach 50% of their mature weight more quickly. This study demonstrates that simultaneously selecting for multiple traits can produce the desired results even though the traits selected for are complicated and even antagonistic.

The author's conclusions are a bit academic, but worth a careful study. *"When selection is applied in multiple stages and available information (read - EPDs) is updated..., correlated responses to selection can differ from those predicted solely by genetic correlations. Using a specific multi-stage selection scheme, selection for improved calving ease while either maintaining or increasing yearling weight resulted in earlier calving, shorter gestations, lower birth weights, fewer 2-year-old dams assisted at calving, lower levels of difficulty*

among those assisted, faster pre-weaning growth, and shorter yearling hip heights (Frame Scores).”

Stated slightly differently, these results clearly show that successful antagonistic selection (selection for traits in directions that are opposite genetic correlations) is possible. Cattle can be simultaneously selected for increased growth and lower birth weights with less calving difficulty. The other benefits outlined very well in the authors preceding quote are “icing on the cake” and will go a long way toward increasing your profitability.

ARE YOU A SEEDSTOCK PRODUCER OR A REGISTERED BREEDER?

{We thought this said a lot about the seedstock industry in general. Re-printed from March 2013 Edition of the Brangus Journal and authored by Ben Spitzer}

I pose this question with the needs of our ultimate customer, the commercial bull buyer, in mind. If you don't believe that bull sales to commercial cattle operations are the lifeblood of any breed, I would say the next five to ten years will be pretty bumpy for your cattle operation and perhaps your economic viability.

I am convinced (and would echo many industry experts) that we will see tremendous change from the way purebred cattle breeders and breed associations have typically operated. There will be tremendous reorganization and realignment of our industry in response to markets, politics and environmental factors (many of these may happen in the next 36 months) which will reshape the global beef industry. Our recent journey to Tampa, FL for the NCBA Convention instigated this article as we were exposed to National and Global problems and opportunities for us and our fellow beef producers.

So, what is the difference in a seedstock breeder and a registered breeder?

To me, a Seedstock Producer is totally committed to designing, producing, developing and marketing a genetic breeding program focused on the success and profitability of all pieces of the beef chain. This requires knowledge and relationships in every aspect of beef production. The Seedstock Producer is a lifelong learner and develops deep relationships with their customers. The Seedstock Producer also seeks the help of others who are able to assist both them and their commercial bull customers with marketing and management assistance.

Contrast the above with a Registered Breeder, who relies on promotion and uniqueness to sell their product. This model has existed for decades, with sale managers and consultants at the center of the success. The idea is to continually bring in new dollars to survive. I am sorry, but this is becoming less and less viable as a production scheme. It simply isn't tied to real economics. There is a continual dilution of genetics due to the search for the next unique genetic package. Multiple sire lines are used in search of the next “great one”. How successful do you think a large scale commercial operation would be if they continually changed the genetic makeup of their herd? Commercial producers get paid (or discounted) for three things: pounds, health and uniformity. They are, and will continue to be even more diligent about seeking out breeding programs that supply their needs.

Wes Ishmael of Beef Magazine recently wrote the following, that I believe spells out seedstock producers quite well. “At its simplest, the seedstock sector represents both the beginning and

the end of beef production. It provides the genetics utilized by commercial cattle producers to build market calves for harvest, as well as replacement females to replenish the commercial cow factory. Seedstock producers also provide the genetics they and their peers will use to build the next generation of seedstock. Ideally, seedstock production also represents the final link in the production chain, as producers survey successes and failures based on economic signals received by them and their commercial customers, and adjust the genetic potential.” In short, the goal of seedstock production is to make incremental genetic improvements in cattle that benefit the entire beef industry. The rest of the industry lives and dies by the choices made by seedstock producers. If they do not believe in your ability to provide them with profitable genetics they will find another who can; or more drastically another breed all together!

Unfortunately, parts of the membership of all breed associations will fall victim to the coming changes unless they immediately begin making decisions to survive. The days of selling a couple bulls of little or no true genetic value to the neighbors are numbered. Sure, there will always be the few people who tie no economics to their cattle operations, but are those the customers that you really want?

Producers who provide large numbers of like genetic packages will be in the driver's seat. Focusing on the genetics necessary for the commercial cattleman to be profitable and even providing management and marketing expertise to your customers will be paramount to the future success of any seedstock producer in any breed.



It is 3:00 in the afternoon and 96° with 85% humidity and bull calves in our testing and development program are out of the shade grazing crabgrass!

SPITZER FAMILY NEWS

Ever wonder what normal is like? Historically normal rainfall in SC is 48” but we haven’t seen that “normal” year in the past 10 to 12 years and have generally fallen far short of needed rain. However, from January thru July 2013 we had received a little over 51”; or a year’s rain in 7 months. While we currently have much more grass than we can even begin to graze, we have put up almost no hay. Sure makes for an interesting year to come up with a plan for winter feeding.

Our lives since our WINTER 2012 Newsletter and the Bull Sale the end of February have been busy, fun and rewarding. Within days of the sale Doc, very clumsily, slipped while climbing over a board fence and badly twisted a knee. A large blood clot just below the knee followed within four days. Twice daily injections of heparin and daily doses of Warferin mitigated the blot clot, but tincture of time did not cure the torn medial meniscus problem. Surgery on July 25 was followed by complications and it

was the second week of September before he was off of crutches. Physical therapy has him back to about 85% of normal and now working on strength and balance.

In between, we went to the George Strait Farewell Tour in Greenville, SC; attended a lecture at Clemson University by T. Boone Pickens; and took our 75 Olds Convertible to a car show (over 700 cars). As you can see, we have wide ranging interests.

June 4TH we flew to Kansas for a two week visit with Brian, Loretta and Grandchildren. Spent a day with them touring Dodge City and played tourist. Lots of great history in western Kansas and we also toured the Dalton Gang hideout. While there Dr. Brian and I drove to Oklahoma City and met up with Ben for the Beef Improvement Federation (BIF) annual meeting. Several times we have encouraged our readers to attend the BIF Meetings. That is where the majority of Performance and Genetic research gets “cussed and discussed”. This meeting is the only one we are aware of that has about an equal attendance of

Academic Researchers, cowboys and ranchers, and beef industry sales leaders. All are working to understand what the “academics” are saying and holding their feet to the fire. Always great discussions!

John still works with educational programming for SC Association of Veterinarians and this year the program was at Myrtle Beach. We brought Grandson Daniel back to SC and he had a blast in the ocean. A boy who has spent all of his 10 years in KS just could not get enough of the beach. Daniel spent two weeks with us so he and Grampa also hiked in the mountains and spent a day at the trout fish hatchery. A great way to get to know your Grandson!

Since then, except for a Merle Haggard Concert in Franklin, NC, we have stayed pretty close to home looking after bulls. Oldest son Dr. Jason did visit for a few days over the Labor Day holiday, but John was still “crutching it” then so we couldn’t do much. Except he and Doc devoured lots of brisket.

FOR SALE

**REGISTERED BRANGUS
BRED HEIFERS**

We have six females all bred to our exciting junior herd sire, SR Mohican Warrior Y174 bull (data at www.srbulls.com). Call for additional information and price.

CONSIGNMENTS

ACCEPTED

Consignments of commercial females sired by Spitzer Ranch bulls are now being accepted for the February 22, 2014 sale. There are health and performance standards so please call for details and don’t be left out.

DECEMBER 15 DEADLINE

AGRICULTURE | BY THE NUMBERS

A TRIBUTE TO AMERICAN FARMERS

97% Of all farms are family owned

The average age of today's farmer: **55.3**

1 IN 3
U.S. farm acres are
planted for export

15%
of U.S. corn
acres are
irrigated

2

Times more food is
produced by today's
farmer than their
parents did using
less land, energy,
water and fewer
emissions

9

States have more cattle than people (Idaho, Iowa, Kansas, Montana, Nebraska, North Dakota, South Dakota, Oklahoma and Wyoming)

Today's average corn yield per acre
154

14%
of U.S. farms
are operated by women

2/3
of all cattle operations have
been in the same family for
at least two generations

155
people are fed by a single
American farmer

90 Loaves of bread can be made
from one bushel of wheat

8 tons of carbon dioxide are
removed from the air by one
acre of corn during a season

40%
Of the world's corn, is
grown by U.S. Farmers

21
Million American
workers produce,
process and sell the
nation's food and fiber

MNB
McCook National Bank
YOUR PARTNER IN AGRICULTURE

SPITZER RANCH Professional Cattlemen's Bull Development Program

Test 2013-1 112-DAY PERFORMANCE REPORT ~ September 12, 2013

ID Number	Sire	EPDs										Birth		Adj Weaning				OnTest	112-Days					
		BW	CE	WW	YW	MK	TM	CEM	SC	REA	%IMF	FAT	Date	WT	WT	RAT	NC	WT	Age	WT	ADG	RAT	WDA	RAT
Z203	Aces TF Wrangler 145/8	0.9	6.2	33	54	19	36	5.5	0.6	0.32	0.10	0.010	10/05/12	90	553	110	6	552	342	976	3.79	112	2.85	105
Z204	TCB Catawba Warrior R532	-0.1	5.3	34	69	22	39	5.5	1.1	0.68	0.09	0.012	10/05/12	74	494	98	6	484	342	890	3.63	108	2.60	95
Z206	TCB Catawba Warrior R532	-2.5	8.1	27	47	22	35	6.4	0.7	0.40	0.07	0.010	10/05/12	58	463	92	6	454	342	802	3.11	92	2.35	86
Z209	TCB Catawba Warrior R532	-1.2	7.2	31	57	17	33	6.3	0.7	0.49	0.02	0.005	10/07/12	68	514	102	6	500	340	862	3.23	96	2.54	93
Z210	MC Abrams 468T22	-0.2	6.6	36	62	14	32	6.5	0.2	0.59	0.02	-0.005	10/07/12	78	526	105	6	516	340	905	3.47	103	2.66	98
*Z201	SS MR 003 Of Total	0.7	3.7	32	61	16	32	6.6	NA	NA	NA	NA	10/02/12	78	485	95	10	530	345	900	3.30	98	2.61	96
Z211	TCB Catawba Warrior R532	-2.8	8.1	27	54	20	34	7.0	0.7	0.38	0.05	0.010	10/14/12	58	497	97	10	522	333	902	3.39	101	2.71	99
Z213	TCB Catawba Warrior R532	-1.1	8.0	30	59	20	35	6.7	0.7	0.66	-0.04	0.010	10/15/12	68	499	97	10	530	332	910	3.39	101	2.74	101
Z214	TCB Catawba Warrior R532	-1.7	7.9	27	54	20	34	6.1	0.8	0.45	0.03	0.000	10/18/12	72	508	99	10	530	329	920	3.48	103	2.80	103
Z215	PR Elixir 698L3	0.2	4.7	25	46	15	28	7.0	0.1	0.10	0.11	0.005	10/20/12	82	547	107	10	570	327	934	3.25	97	2.86	105
Z228	SR Cadence Warrior S702	-3.0	9.5	22	42	17	28	7.7	1.2	0.04	0.06	0.010	11/08/12	64	527	103	10	504	308	818	2.80	83	2.66	97
Z230	SR Cadence Warrior S702	-3.3	8.2	27	50	13	26	7.5	0.7	0.10	0.01	0.005	11/13/12	60	525	103	10	486	303	876	3.48	103	2.89	106
Z233	SR Wrangler Warrior T113	0.6	4.1	24	42	15	27	5.0	0.2	0.36	0.04	-0.010	11/18/12	74	567	111	10	520	298	900	3.39	101	3.02	111
Z238	SR Wrangler Warrior T113	2.0	4.0	33	56	11	28	5.5	0.2	0.14	0.01	-0.005	12/05/12	92	517	101	10	436	281	816	3.39	101	2.90	106
14	Total Bulls	-0.8	6.5	29	54	17	32	6.4	0.5	0.34	0.04	0.004		71	516	101		510	326	887	3.37	100	2.73	100

SPITZER RANCH Professional Cattlemen's Bull Development Program

Test 2013-2 84-DAY PERFORMANCE REPORT ~ September 12, 2013

ID Number	Sire	EPDs										Birth		Adj Weaning				OnTest	84-Days					
		BW	CE	WW	YW	MK	TM	CEM	SC	REA	%IMF	FAT	Date	WT	WT	RAT	NC	WT	Age	WT	ADG	RAT	WDA	RAT
Z242	SR Wrangler Warrior T113	0.8	5.2	26	46	14	27	5.5	0.1	0.16	-0.07	-0.005	12/29/12	84	553	100	1	480	257	739	3.08	102	2.88	98
Z252	MC Abrams 468T22	1.5	-1.8	38	67	18	37	2.4	0.2	0.58	0.13	-0.005	10/28/12	92	677	100	1	700	319	963	3.13	103	3.02	103
Z251	Aces TF Wrangler 145/8	-2.6	10.0	19	38	22	32	7.4	0.3	0.17	0.11	0.005	10/27/12	72	583	104	3	596	320	867	3.23	106	2.71	93
Z268	TCB Catawba Warrior R532	-2.4	9.0	28	57	20	34	6.8	1.0	0.45	-0.04	0.010	11/16/12	74	534	95	3	504	300	775	3.23	106	2.58	88
Z273	MC Abrams 468T22	-1.7	8.7	29	52	19	33	8.1	0.2	0.49	0.17	0.000	11/24/12	76	561	100	3	514	292	755	2.87	95	2.59	88
Z256	MC Abrams 468T22	2.5	1.2	37	65	21	39	5.5	0.2	0.39	0.15	0.000	11/07/12	94	715	114	5	742	309	1,055	3.73	123	3.41	117
Z266	MC Abrams 468T22	-1.0	7.0	31	58	17	32	6.9	0.4	0.63	0.14	-0.005	11/15/12	72	619	98	5	618	301	873	3.04	100	2.90	99
Z275	MC Abrams 468T22	0.1	6.0	31	58	19	34	6.5	0.3	0.54	0.13	-0.005	11/27/12	78	626	99	5	596	289	851	3.04	100	2.94	101
Z278	SR Mohican Warrior X004	-2.6	9.2	26	51	15	28	7.2	0.7	0.32	0.03	0.005	12/09/12	66	573	91	5	518	277	799	3.35	110	2.88	99
Z283	SR Mohican Warrior X004	3.4	-1.9	41	68	20	41	4.2	0.7	0.47	0.01	0.010	12/28/12	96	616	98	5	514	258	793	3.32	109	3.07	105
Z261	Aces TF Wrangler 145/8	0.4	5.5	26	48	24	36	5.4	0.3	0.28	0.10	0.005	11/13/12	88	597	101	8	620	303	877	3.06	101	2.89	99
Z262	Aces TF Wrangler 145/8	-0.1	6.1	26	50	24	37	5.1	0.4	0.27	0.07	0.000	11/13/12	86	576	97	8	606	303	851	2.92	96	2.81	96
Z267	Aces TF Wrangler 145/8	-0.7	7.9	28	54	20	34	6.3	0.5	0.46	0.01	0.000	11/16/12	82	541	91	8	566	300	815	2.96	98	2.72	93
Z271	MC Abrams 468T22	0.9	4.2	34	62	20	37	6.3	0.2	0.49	0.15	-0.002	11/19/12	98	628	106	8	648	297	847	2.37	78	2.85	97
Z276	Aces TF Wrangler 145/8	0.3	5.7	26	50	15	28	6.0	0.4	0.27	0.03	0.005	12/01/12	86	578	98	8	568	285	877	3.68	121	3.08	105
Z277	SR Mohican Warrior X004	-1.8	8.6	28	53	19	33	7.4	0.5	0.39	0.08	0.010	12/08/12	80	583	98	8	548	278	765	2.58	85	2.75	94
Z284	SR Mohican Warrior X004	-2.0	8.7	23	40	15	26	7.5	0.3	0.18	-0.03	0.005	12/30/12	78	568	96	8	489	256	747	3.07	101	2.92	100
Z285	SR Mohican Warrior X004	0.1	4.6	37	53	18	36	4.0	0.5	0.43	-0.06	0.000	01/11/13	86	666	112	8	530	244	803	3.25	107	3.29	112
*Z293	Yon Right Time T342	-0.2	3.7	31	58	16	31	4.8	NA	0.44	0.26	0.005	11/14/12	80	771	100	1	760	302	987	2.70	89	3.27	112
Z295	WT Uppercut Warrior U843	0.7	1.0	27	51	16	29	3.6	1.0	0.34	0.02	0.000	11/22/12	88	684	109	4	646	294	877	2.75	91	2.98	102
Z296	WT Uppercut Warrior U843	-2.1	8.5	18	38	15	24	7.0	0.9	0.31	0.01	0.000	11/24/12	78	634	101	4	642	292	843	2.39	79	2.89	99
21	Total Bulls	-0.2	5.4	30	54	19	33	5.8	0.4	0.39	0.07	0.002		83	613	100		591	289	846	3.04	100	2.93	100

*Z201 and Z293 are Ultrablack

Average EPDs SPITZER RANCH BRANGUS Bulls 2013 - Tests 1 and 2

EPDs	BW	CE	WW	YW	MK	TM	CEM	SC	REA	%IMF	FAT
SPITZER RANCH Bulls	-0.4	5.8	30	54	18	33	6.0	0.4	0.37	0.06	0.003

Average EPDs BRANGUS Nonparents - Spring 2013 Sire Summary

EPDs	BW	CE	WW	YW	MK	TM	CEM	SC	REA	%IMF	FAT
BRANGUS Non-Parents	0.8	5.0	24	43	11	23	7.1	0.5	0.31	0.01	-0.001

Profitable Genetics from Performance Cattlemen

SPITZER RANCH

Professional Cattlemen's
Performance Tested Brangus Bull Sale
Customer Brangus Gold Commercial Female Sale
Saturday, February 22, 2014 at 1:00 PM (EST)
At the Ranch in Fair Play, SC

Exit North off I-85 at Exit 2, Go North on SC HWY 59
for 2 miles and look for our ranch sign on your left.

Sale catalogs sent only on request unless you are a former buyer;
in which case you will receive a catalog sometime in early February.

Brangus Seedstock Producer
Profits are shared from Performance Cattlemen



John and Patricia Spitzer
1511 HWY 59 • Fair Play, SC 29643
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