

40th

Annual Clemson Bull Sale

Presented by Clemson University and SC Cattlemen's Association

2016

CLEMSON®

EXTENSION BULL TEST PROGRAM

Angus • Gelbvieh • Charolais • Red Angus • SimAngus • Simmental



Saturday • February 6, 2016 • Noon

Garrison Livestock Arena - Cattle Complex - Clemson, South Carolina
(3 miles East of Clemson on US Hwy 76 - Watch for Sign)

2016 CLEMSON[®] BULL TEST

Saturday • February 6, 2016 • Noon
Garrison Livestock Arena - Cattle Complex

Announcements: Announcements from the auction box will take precedence over the information printed in the sale book announcements.

Sale Order: See page 4.

Auctioneer: Mike Jones - West Point, Georgia

Sale Site:

From Clemson, go south 3.5 miles on US Hwy 76. If heading north on US Hwy. 76 from I-85 or Anderson, go 1.5 miles past the stoplight in Pendleton. The T. Ed Garrison Livestock Arena - Cattle Complex at Clemson, South Carolina is located 0.8 miles off of US Hwy. 76. Watch for the Arena sign just past the Tri-County Technical College. The Cattle Complex is located on the left behind the Main Arena. There is a map on the inside back cover.

Lunch: Available at sale site.

Air Service:

Commercial airlines serve the Greenville-Spartanburg Airport located approximately one hour from the sale site.

Area Motels:

James F. Martin Inn - Clemson.....	4 miles	888-654-9020
Comfort Inn - Clemson.....	4 miles	864-653-3600
Days Inn - Clemson	5 miles	800-329-7466
Hampton Inn - Clemson	5 miles ..	800-HAMPTON
Ramada Inn - Clemson.....	4 miles	864-654-7501
Sleep Inn - Clemson.....	4 miles	864-653-6000

Test and Sale Sponsored by:

Clemson University Cooperative Extension Service
Clemson University Department of Animal and Veterinary Sciences
South Carolina Cattlemen's Association

Sale Manager:

Dr. Matthew G. Burns
Extension Animal Scientist - Beef Specialist
Cell: 864-940-2428
103 Barre Hall, Clemson University
E-mail: burns5@clemson.edu
Clemson, SC 29634

Sale Day Telephone: 864-940-2428

Test Manager:

Mr. Gary Burns
Beef and Sheep Farm Manager
Cell: 864-617-3402

Livestock Mortality Insurance:

A representative from American Live Stock Insurance Company will be available to assist you with mortality insurance for your purchases.

ALL bulls must be picked up the day of the sale.



Visit the *Angus Journal*® Web site, www.angusjournal.com, and view this sale book online. References: American Angus Association®, AHIR®, AngusSource®, CAB®, Pathfinder®. EPDs current as of December 22, 2015. Updated EPDs can be viewed online at www.angus.org.

DVAuction
Broadcasting Real-Time Auctions

www.DVAuction.com

GENERAL INFORMATION

Entry Requirements:

1. All consignors must be members of the South Carolina Cattlemen's Association.
2. Breeders' herds must be enrolled in their respective breed association's performance records program.
3. All bulls must be registered purebreds or registered hybrids (Balancer, Simangus, etc.).
4. Birth Dates: **Senior bulls** - September 1, 2014 to October 31, 2014
Junior bulls - November 1, 2014 to December 31, 2014
5. Embryo transplant calves will be accepted.
6. Actual birth weights are required for all bulls.
7. Minimum Adj. 205-Day Weaning Weight: British breeds - 575 lbs and All Other Breeds - 625 lbs.
8. Minimum Adj. 205-Day Weaning Weight Ratio of 93. All bulls, except embryo transplants, must be raised by their genetic dams.
9. All bulls must have a negative blood tests for persistent BVD test within 30 days of delivery date and (out of state bulls) official state health papers (CVI) when delivered.
10. Pre-Delivery Health Requirements:
 - a. Vaccinations - IBR, PI³, BVD, BRSV, 5-way Leptospirosis, 7-way Blackleg (Clostridials) and *Pasteurella haemolytica*
 - b. Dewormed and treated for grub and lice control.

Sale Requirements:

1. Minimum performance requirements:

- a. Average Daily Gain Ratio - 85
- b. Weight per Day of Age Ratio - 90
- c. Adjusted 365-Day Yearling Weight Ratio - 90

2. Minimum Adjusted 365-Day Yearling Scrotal Circumference - 30.0 cm.

3. Sale eligible bulls must pass a Screening Committee's evaluation of frame size, structural soundness, disposition and muscling.

4. All bulls must pass a comprehensive Breeding Soundness Exam.

5. All bulls sell under their respective breed association guarantees.

6. Sale order based on INDEX = (RFI Daily ratio - (RFI daily avg + RFI daily actual))/2

New index is structured to give merit to bulls that excel at performance and efficiency. It is an estimate and should be used as another tool in addition to other information provided when making selection decisions.

Index, Sale Order, RFI, and videos are posted on:

<http://www.clemson.edu/extension/livestock/beef/bulltests-cubt/>

How Bulls Have Been Handled:

1. **August** - Bulls were delivered to the test station, tagged, dewormed with Eprinex pour-on, treated with Probios and temperature recorded. The 14-day pre-test warm-up period began.

2. **September** - Bulls were weighed on-test and vaccinated with (*modified live* IBR, PI³, BVD, BRSV, 5-way Leptospirosis), (*Pasteurella haemolytica* and *Multocida*) and (7-way Blackleg - Clostridials) vaccines.

3. **October** - Yearling scrotal circumference measurements were taken on the senior bulls.

4. **December** - All bulls were weighed off-test weight and yearling scrotal circumference measurements were taken on the junior bulls.

5. **January** - Bulls were given complete Breeding Soundness Exam.

6. **Week Prior to Sale** - All bulls were weighed and measured.

Feed Program:

The bulls were fed a commodity by-product based test ration containing Rumensin during the 2-week pre-test warm-up period, the test and post-test periods. The GrowSafe 6000 system was used to measure individual intake data for each bull.

The new system utilizes more of an individual feeding system, meaning that one bull eats at a time, but any bull in the pen can eat out of any feeding bunk/node within that pen. The bulls are tagged with an RFID tag upon arrival to the test. Each feeding node is equipped with a separate bunk, which sits on a set of load bars and is wrapped with an EID tag reader. When a bull puts his head through the bars and begins to eat, the node records his EID tag number, weight of the bunk, date, and time for every second he is eating at the bunk. Each node is hardwired to a data acquisition panel located within 30' of the feeding space. The data acquisition panel then wirelessly transmits the data back to the office computer for recording and data analysis. The system has certainly served in its role to calculate feed intake, but also has offered valuable information for test managers during the duration of the test. Data transmitted back to the computer is analyzed and presented on the computer in several different screens, but one of the most useful screens is the "reduced intake" screen. When a bull has a reduced intake meaning, decreased from the pen average or decreased 25% or more from his previous day's intake, his number shows up on this screen. Reduced intake information is used on a daily basis to help identify bulls that may have health concerns.

Residual feed intake is simply: actual feed intake - expected feed intake = residual feed intake. What does this number mean? A positive residual feed intake means the bull ate more feed than expected to achieve his actual performance, whereas a negative residual feed intake means the bull ate less feed than expected to achieve his actual performance. For example, if we have two bulls (start weights are the same) both gaining 2.5 lbs. per day over a 75-day period. We would expect them to eat approximately 1,500 lbs. of feed per bull over the test period. However, bull A ate 1,717 lbs. of feed and bull B ate 1,232 lbs. of feed. Bull A residual feed intake would be: 1,717 - 1,500 = 217 lbs., and bull B residual feed intake would be: 1,232 - 1,500 = -268. Overall, bull A ate 485 lbs. more feed over a 75-day test period to gain the same amount of weight as bull B. Therefore, in this scenario, bull B could be considered "more efficient" than bull A. Residual feed intakes are presented on one page in the back of the sale book. Please ask if you have any questions about the data or system.

Genetic Defects:

All Angus, Balancer, Red Angus and Simangus bulls are free of the Arthrogryposis Multiplex (AM) and Neuropathic Hydrocephalus (NH) lethal genetic defects by pedigree or DNA test if there were potential carriers in their pedigrees.

Developmental Duplications Mutation (DD) - A genetic condition inherited as a simple recessive gene was reported recently (8/12/13). The condition can be effectively managed by strategic DNA testing and avoidance of breeding carrier females to carrier sires.

Status of bulls in the sale will be denoted in the catalog below. DDF - indicates the animal is free of the mutation, DDC - indicates the animal is a carrier for the mutation, and DDP - indicates the animal is a potential carrier of the mutation.

GENERAL INFORMATION

Contributors to the Clemson Bull Test Program:

The following companies and representatives contributed supplies to the Clemson Bull Testing Program. Their generous support of this program for the genetic improvement of South Carolina's beef cattle industry is appreciated:

AgSouth Farm Credit - William Gable 864-226-8507 (Anderson, SC)
Z Tags - Stu Marsh - 1-800-511-4744
Boehringer Ingelheim Animal Health - Randy Fordham (Danielsville, GA)
Merial Animal Health - Steve McGill (Anderson, SC)
Godfrey's Feed - Weyman Hunt - 706-474-0536

TERMS AND CONDITIONS OF SALE

1. Each animal will be sold to the highest bidder. The Auctioneer will settle any disputes as to bids.
2. Terms of the sale are cash or check payable to: Clemson University. Payment is due the day of the sale.
3. Each animal becomes the responsibility and risk of the new owner as soon as it is sold to the highest bidder in the auction ring.
4. Animals will be fed and cared for up to 4 hours after the sale (for no additional charge) unless other arrangements have been made.
5. A certificate of registration will be furnished by the consignor for each bull. As a courtesy, the test managers will coordinate the transfer of breed registration papers to the buyers.
6. Cattle available in this sale have been registered with their respective breed associations by consignor and are held out to meet the genetic and breed specifications of their respective breed associations.
7. All bulls have passed a breeding soundness exam administered by a qualified, 3rd party veterinarian. Any concerns regarding the fertility of the bull should be resolved between the purchaser and the consignor.
8. The above terms and conditions of the sale shall constitute a contract between the buyer and consignor of each lot and shall be equally binding upon both parties.
9. A "CONSIGNOR" may not "NO SALE" a bull during or after the sale.
10. Clemson University in its capacity as an educational institution and in carrying out its public responsibilities is vitally interested in promoting quality and healthy livestock. In doing so, the University acts solely as a host and facilitator of this sale event and is not responsible for any losses incurred by individuals, nor should Clemson University be considered as a party to the contract for the sale of the animal.
11. FLOOR PRICE – a minimum floor price of \$1,800 is set on each bull. This is the average value of bulls of this weight and condition if sold for beef at the stockyards. Bulls not selling during the auction will be taken home by the consignor or shipped directly to slaughter following the sale at consignor's cost.

Relationship of USDA Quality Grade, Percent Intramuscular Fat (%IMF), Marbling Degree, and Marbling Score in Market Animals

Quality Grade	%IMF	Marbling Degree	Marbling Score
Prime 0	> 12.1	Moderately Abundant 00-90	9.0 - 9.9
Prime -	9.8 - 12.1	Slightly Abundant 00-90	8.0 - 8.9
Choice +	7.7 - 9.7	Moderate 00-90	7.0 - 7.9
Choice 0	5.8 - 7.6	Modest 00-90	6.0 - 6.9
Choice -	4.0 - 5.7	Small 00-90	5.0 - 5.9
Select +	3.1 - 3.9	Slight 50-90	4.5 - 4.9
Select -	2.3 - 3.0	Slight 00-40	4.0 - 4.4
Standard	< 2.3	Traces 00-90	3.0 - 3.9

Bulls will have approximately 1.5-2.5% less intramuscular fat than their steer-mates when fed a similar ration to a constant age.

Breed	CED	BW	WW	Yrlg Wt	ME	RADG	Milk	Yrlg Height	Yrlg Scrotal	Marb	REA	\$Beef	API
Angus	5	1.8	49	86		.18	23	0.50	0.81	0.49	0.45	84.61	
Charolais	2.8	0.6	24.6	43.5			7.4		0.62	0.02	0.20		
Gelbvieh	7	1.4	65.0	90.0			29			-0.19	0.44		
Red Angus	4	-1.0	56	83	0		20			0.39	0.12		
Simmental	3.6	4.9	65.3	88.7			33.6			-0.12	0.39		72.80

PERFORMANCE RECORD

1. Tag No. = bull's test ear tag number.
2. Registered Name = bull's registered name.
3. Birth Date = actual birth date.
4. Reg. No. = breed association official registration number.
5. Tattoo No. = bull's permanent identification in ear.
6. CED = calving ease direct EPD
7. BWT EPD = birth weight EPD (lbs.) is a within breed predictor of a bull's ability to transmit birth weight to his progeny compared to other bulls.
8. WWT EPD = weaning weight EPD (lbs.) is a within breed predictor of a bull's ability to transmit preweaning growth to his progeny compared to other bulls.
9. YWT EPD = yearling weight EPD (lbs.) is a predictor of a bull's ability to transmit yearling growth to his progeny compared to other bulls.
10. RADG EPD = feed efficiency expressed in pounds per day, is a predictor of a sire's genetic ability for postweaning gain in future progeny compared to that of other sires, given a constant amount of feed consumed.
11. YHT EPD = yearling height EPD (inches) is a within breed predictor of a bull's ability to transmit yearling height to his progeny compared to other bulls.
12. YSC EPD = yearling scrotal circumference EPD (cm) is a within breed predictor of a bull's ability to transmit yearling scrotal size to his sons compared to other bulls.
13. Milk EPD = maternal milk EPD (lbs. of calf weaning weight) is a within breed predictor of a bull's ability to transmit milk and maternal ability to his daughters compared to daughters of all other bulls.
14. MARB EPD = marbling EPD - expressed as a fraction of the difference in USDA marbling score - is a within breed predictor of a bull's ability to transmit marbling to his progeny compared to progeny of other bulls evaluated at a given slaughter endpoint.
15. REA EPD = ribeye area EPD (in^2) is a within breed predictor of a bull's ability to transmit ribeye size to his progeny compared to progeny of other bulls evaluated at a given slaughter endpoint.
16. \$Wean = an index value expressed in dollars per head, is the expected average difference in future progeny performance for preweaning merit. \$W includes both revenue and cost adjustments associated with differences in birth weight, weaning direct growth, maternal milk, and mature cow size.
17. \$Beef = \$Beef index (\$ per head) is a within breed predictor of the expected average difference in a bull's progeny performance for postweaning and carcass value compared to progeny of other sires.

 1	3	2	4	5				
BREED	Owner:							
2-generation pedigree								
EPDs								
CED	BWT	WWT	YWT	RADG				
6	7	8	9	10				
YSM	MILK	MARBL	REA	\$WEAN				
12	13	14	15	16				
17								
PERFORMANCE								
TRAIT	BWT	AWWT	ON WT	OFF-HT				
VALUE	18	19	21	22				
RATIO		20						
23			24	26				
25			27					
ADJ 365 YEARLING								
TRAIT	UIMF	UREA	UFAT	URMP				
VALUE	28	29	30	31				
RATIO			32	33				
34			35	37				
36								

18. BWT = actual birth weight (lbs.).
19. AWWT = weaning weight (lbs.) adjusted to 205 days of age and for age-of-dam.
20. AWWT Ratio = ratio of bull's adj. 205-day weaning weight to the average for all bulls in the same weaning management group.
21. On-Wt = on-test weight (lbs.).
22. Off-Ht = off-test hip height (inches).
23. Off-Wt = off-test weight (lbs.).
24. Test ADG = test average daily gain (lbs./day) = $[On\text{-Test Weight} - Off\text{-Test Weight}] / Days\ on\ Test$.
25. ADG Ratio = ratio of bull's ADG to his breed-age group average.
26. Test WDA = weight per day of age (lbs./day) = $(Off\text{-Test Weight} / Off\text{-Test Age})$.
27. WDA Ratio = ratio of bull's WDA to his breed-age group average.
28. u%IMF = adjusted 365-days yearling 12th rib % intramuscular fat.
29. uREA = adjusted 365-days yearling 12th rib rib-eye area (in^2).
30. uFAT = adjusted 365-days yearling 12th rib fat thickness.
31. uRMP = adjusted 365-days yearling rump fat thickness.
32. AYHT = adjusted 365-days yearling hip height (inches).
33. AYFS = adjusted 365-days yearling frame score.
34. AYSC = adjusted 365-days yearling scrotal circumference (cm).
35. AYWT = adjusted 365-days yearling weight (lbs.).
36. AYWT Ratio = ratio of bull's adjusted 365-days yearling weight to his breed-age group average.
37. RFI Daily = ADG + WDA.

2015 Clemson Bull Test Consignors

Alexander Angus Farm

Sac Alexander
340 Old Seneca Rd.
Six Mile, SC 29682
864-506-4456

Lots 6, 8, 26, 27, 81, 83, 84, 85

Oak Hill Farm

Danny Winchester
134 Fox Hunt Lane
Six Mile, SC 29682
864-637-8592
winchesterd@bellsouth.net
Lot 69

Creekside Farm

Darrell Mitchell
7483 Cheather Ford Rd.
Hiddenite, NC 28636
828-310-5327
Lots 19, 51, 63

Black Grove

Dixon Shealy
234 Looney Dr.
Newberry, SC 29108
803-629-1174
dixon_shealy@yahoo.com
Lots 3, 4, 15

Shuffler Farm

Eugene Shuffler
444 Union Grove Rd.
Union Grove, NC 28689
704-876-9895
resdvm@yadtel.net
Lots 52, 53, 54, 55, 64, 65, 66, 67

Williams Angus

George Williams
2225 Boones Creek Rd.
Gray, TN 37615
423-341-7044
alexwilliams1229@hotmail.com
Lots 12, 13, 35, 37, 38

Bridges Beef Cattle

John Bridges
2032 Chatfield Rd.
Shelby, NC 28150
704-692-2978
bridgesbeefcattle@gmail.com
Lots 2, 32, 33, 34

Primus Genetics

Leonard W. Fussell
480 Vannoy Rd.
Millers Creek, NC, 28651
336-984-9643
primus@buywilkes.com
Lots 39, 41, 43

Rice Farms

Bob Rice
2001 McKelvey Rd.
Fountain Inn, SC 29644
864-630-0871
bgricefarms@gbay.com
Lots 48, 50

Chimney Top Angus

Steve Johnston
2210 Buffalo Rd.
Johnson City, TN 37604
423-773-3396
stevej@innovatemed.com
Lots 16, 44, 46

Woodlawn Farms

Rick Wood
453 Swain Wood Rd.
Clarkesville, GA 30523
706-499-2325
rick@snappywash.com
Lots 17, 18, 60, 61, 62

3J Angus

Carl Blanton
1559 Riverhill Dr.
Shelby, NC 28152
704-472-2500
sales@midatlanticsales.net
Lots 21, 79, 80

MPAC Angus

Marvin Zeigler
P.O. Box 1005
Bamberg, SC 29003
803-245-4850
pmzeigler@oburg.net
Lot 10

Misty Hill Farm

Ricky Baumgarner
167 Heritage Dr.
Walhalla, SC 29691
864-710-6832
kamoon4@gmail.com
Lots 22, 23

Hi-Son's Farm LLC

Gavin Hammett
160 Horse Hill Rd.
Salem, SC 29676
928-499-5647
grapeape575@hotmail.com
Lots 24, 25

Paul Boyd Angus

Neil Boyd
1631 Paul Boyd Rd.
Clover, SC 29710
803-627-1131
boydtire@comporium.net
Lots 20, 74, 75

Nubbin Ridge Farms

Mike King
155 Nubbin Ridge Circle
Westminster, SC 29693
864-958-1343
Lot 57

Brendy Hill

Virgil Wall
P.O. Box 497
Ninety Six, SC 29666
864-942-2380
virgil.wall@norbord.com
Lots 72, 73

Grassy Knob Farms

Nathan Souther
2823 West Memorial Hwy.
Union Grove, NC 28689
704-902-9376
Lots 86, 87, 88

SALE ORDER

Sale Order	Tag	Gain Index	RFI Daily	Total Performance Ratio	Sale Order	Tag	Gain Index	RFI Daily	Total Performance Ratio
1	75	8.25	-5.53	121.9	32	46	7.15	2.03	98.7
2	41	8.19	-3.90	119.4	33	85	6.51	-6.79	98.5
3	33	7.89	-6.35	117.6	34	38	7.63	9.04	98.5
4	67	8.08	-3.53	117.4	35	34	7.00	2.05	96.6
5	39	8.55	3.42	117.1	36	73	6.53	-4.54	96.6
6	63	7.13	-16.36	116.9	37	72	6.58	-3.70	96.5
7	43	8.04	-3.02	116.3	38	74	6.83	-0.13	96.3
8	81	8.00	-2.78	115.5	39	54	7.01	2.84	95.9
9	55	7.87	0.49	110.4	40	19	6.83	1.28	95.0
10	65	7.89	1.34	109.9	41	6	7.74	14.18	94.8
11	52	7.51	-2.58	108.4	42	25	6.97	3.40	94.8
12	64	7.18	-6.48	107.6	43	83	6.98	4.34	94.0
13	44	7.42	-2.84	107.4	44	88	6.59	-1.12	94.0
14	8	7.63	2.18	105.3	46	87	6.70	0.57	93.9
15	35	7.54	1.21	105.1	47	62	6.80	2.25	93.6
16	66	6.88	-8.02	105.0	48	79	6.96	4.50	93.6
17	32	7.60	2.27	104.9	49	86	7.26	9.17	93.1
18	24	7.17	-2.71	103.8	50	84	6.28	-4.54	93.0
19	2	7.30	-0.26	103.2	51	15	6.85	4.06	92.5
20	37	7.52	3.13	102.9	52	21	6.57	0.49	92.1
21	27	6.76	-7.52	102.8	53	13	7.06	7.63	91.8
22	3	7.57	4.14	102.5	54	61	6.55	0.51	91.7
23	26	7.29	0.51	102.3	55	50	6.79	4.54	91.1
24	80	7.19	-0.90	102.3	56	12	6.73	4.32	90.5
25	10	7.27	0.99	101.5	57	60	6.51	1.90	89.8
26	20	6.96	-2.95	101.1	58	48	6.61	7.80	85.2
27	51	7.47	4.23	101.0	59	22	5.86	-0.68	83.3
28	16	7.23	1.30	100.6	60	23	6.08	2.76	82.9
29	53	7.44	5.58	99.3	61	57	5.78	-0.73	82.2
30	17	6.91	-1.34	98.8	62	69	6.04	4.94	80.2
31	18	6.52	-6.86	98.7					

2

BBC Denver 417

Birth Date: 10-18-2014

Bull 18132420

Tattoo: 417

Angus/SR**Owner: Bridges Beef Cattle, Shelby, NC**EXAR Denver 2002B
17160560EXAR Upshot 0562B
+Exar Royal Lass 1067Sarratts Rita 0322
+16673738#+SAV Bismarck 5682 [DF]
+Southern Rita 3161

EPDs					
CED	BWT	WWT	YWT	RADG	YHT
+8 .29	+1.8 .35	+60 .28	+110 .24	I+.29 .05	I+.8 .05
YSF	MILK	MARB	REA	\$WEAN	\$BEEF
I+.93 .05	+33 .14	I+.65 .05	I+.99 .05	+60.95	+152.49

PERFORMANCE							
TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA
VALUE	85	645	919	52	1370	4.03	3.28
RATIO		96				103	103

ADJ 365 YEARLING							
TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC
VALUE	4.01	14.6	.24	.25	50.1	5.5	35.13
RATIO							100



3

Black Grove Density 354

Birth Date: 10-11-2014

Bull 18073834

Tattoo: 354

Angus/SR**Owner: Black Grove, Newberry SC**SAV 004 Density 4336
#+14725035#SAV 8180 Traveler 004 [DF]
SAV May 7238N Bar Enchantress SCC 2X30
+14340041#N Bar Emulation EXT
#N Bar Enchantress 4908

EPDs					
CED	BWT	WWT	YWT	RADG	YHT
I+.4 .05	I+.16 .05	I+.41 .05	I+.75 .05	I+.14 .05	I+.5 .05
YSF	MILK	MARB	REA	\$WEAN	\$BEEF
I+.0 .05	I+.17 .05	I+.41 .05	I+.15 .05	+31.52	+95.18

PERFORMANCE							
TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA
VALUE	79	722	912	50	1392.5	4.29	3.28
RATIO		107			110	103	

ADJ 365 YEARLING							
TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC
VALUE	3.88	12.4	.38	.39	50.4	5.7	31.39
RATIO							100

4

Black Grove Density 374

Birth Date: 10-23-2014

Bull 18073828

Tattoo: 374

Angus/SR**Owner: Black Grove, Newberry SC**SAV 004 Density 4336
#+14725035#SAV 8180 Traveler 004 [DF]
SAV May 7238Black Grove Lady 117
+17122352#Basin Rainmaker 654X
+SH Lady 4465 5119

EPDs					
CED	BWT	WWT	YWT	RADG	YHT
+5 .29	+1.6 .34	+48 .27	+88 .23	N/A N/A	I+.3 .05
YSF	MILK	MARB	REA	\$WEAN	\$BEEF
N/A N/A	+27 .22	N/A N/A	N/A N/A	+46.37	N/A

PERFORMANCE							
TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA
VALUE	74	716	857	49.5	1242.5	3.44	3.01
RATIO		113			88	94	

ADJ 365 YEARLING							
TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC
VALUE	2.04	15.1	.30	.31	47.3	4.1	33.78
RATIO							100

AA F Pioneer 136

Birth Date: 10-26-2014

Bull 18189913

Tattoo: 136

Angus/SR**Owner: Alexander Angus Farm, Six Mile, SC**

SAV Pioneer 7301

#SAV Final Answer 0035 [DF]

SAV Blackbird 5297

Alexis Burgess 305
+16835396#N Bar Emulation EXT
+Davis Burgess 9333

EPDs					
CED	BWT	WWT	YWT	RADG	YHT
-2 .30	+4.4 .36	+49 .28	+89 .27	N/A N/A	+.4 .37
YSF	MILK	MARB	REA	\$WEAN	\$BEEF
+.91 .35	+27 .22	.22 .24	.64 .25	+37.76	+97.65

PERFORMANCE							
TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA
VALUE	86	598	811	50	1317.5	4.52	3.21
RATIO		99				116	101

ADJ 365 YEARLING							
TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC
VALUE	2.50	14.2	.25	.26	48.4	4.7	36.54
RATIO							99

46

Chimney Top Ten X B53

Birth Date: 10-1-2014

Bull 17908060

Tattoo: B53

Angus/SR

AAR Ten X 7008 SA
15719841

Owner: Chimney Top Angus, Johnson City, TN

#Mytty In Focus [DIF]
#AAR Lady Kelton 5551Chimney Top UPW Rita Z58
+17454549#Sitz Upward 307R
Rita 8H17 of Rita 3I10 Total

EPDs

CED	BWT	WWT	YWT	RADG	YHT
+10 .37	-.8 .41	+62 .31	+112 .34	+.20 .38	+.5 .37
YSY	MILK	MARB	REA	\$WEAN	\$BEEF
+1.52 .39	+28 .23	+1.08 .36	.86 .30	+78.14	+173.37

PERFORMANCE

TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA
VALUE	67	818	1032.5	53	1457.5	3.79	3.35
RATIO		98				97	105

ADJ 365 YEARLING

TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC	AYWT	RFI Daily
VALUE	5.55	15.6	.36	.50	N/A	N/A	N/A	1240	2.03
RATIO								92	



48

Final Product Rice Farms 40 [OHP]

Birth Date: 10-12-2014

Bull 18141202

Tattoo: 40

Angus/SR

Owner: Rice Farms, Fountain Inn, SC

Final Product VI Rice Farms
17648983Connealy Final Product
Miss Pride of Rice Farms878 5 of Rice Farms
15923309#Bon View New Design 878
Miss Fly Traveler Rice Farms

EPDs

CED	BWT	WWT	YWT	RADG	YHT
+5 .19	+.8 .29	+45 .19	+85 .17	N/A N/A	+.9 .30
YSY	MILK	MARB	REA	\$WEAN	\$BEEF
+34 .28	+23 .12	+.27 .16	+.10 .16	+37.85	+92.28

PERFORMANCE

TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA
VALUE	70	590	872	51	1275	3.60	3.01
RATIO		102				92	94

ADJ 365 YEARLING

TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC	AYWT	RFI Daily
VALUE	3.27	12.0	.37	.48	49.4	5.2	32.90	1091	7.80
RATIO								104	

51

CSF EB23 Upshot of 376R

Birth Date: 9-4-2014

Bull 18316948

Tattoo: EB23

Angus/SR

Owner: Creekside Farm, Hiddenite, NC

EXAR Upshot 0562B
16541214#Sitz Upward 307R
#+EXAR Barbara T020BT Susanna 376R
15027493#Ironwood New Level
+BT Susanna 173M

50

Final Product Rice Farms 42

Birth Date: 10-29-2014

Bull 18141201

Tattoo: 42

Angus/SR

Owner: Rice Farms, Fountain Inn, SC

Final Product VI Rice Farms
17648983Connealy Final Product
Miss Pride of Rice FarmsMiss Efficient IV Rice Farms
17058441#CAR Efficient 534
Exacto Peggy Sue of Rice FA

EPDs

CED	BWT	WWT	YWT	RADG	YHT
+5 .19	+1.4 .27	+49 .18	+97 .17	N/A N/A	+.7 .30
YSY	MILK	MARB	REA	\$WEAN	\$BEEF
+1.76 .28	+26 .11	+.34 .16	+.29 .16	+40.60	+127.18

PERFORMANCE

TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA
VALUE	72	593	856	50	1267.5	3.67	3.11
RATIO		102				94	97

ADJ 365 YEARLING

TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC	AYWT	RFI Daily
VALUE	3.35	12.5	.33	.17	49.0	5.0	39.64	1150	4.54
RATIO								109	

52

SFA DB22 Vision of AX55

Birth Date: 9-4-2014

Bull 18125416

Tattoo: DB22

Angus/SR

Owner: Shuffler Farm, Union Grove, NC

Jindra Double Vision
16748826#Connealy Reflection
+Hoff Rachel 8312 405SFA Barbara AX55
17332356#SAV Final Answer 0035 [DIF]
SFA Barbara BL08

62	WOODLAWN JAKE	Tattoo: B40
Birth Date: 10-19-2014	Bull 2922594	
SimAngus/SR	Owner: Woodlawn Farms, Clarkesville, GA	
FBF1 COMBUSTIBLE 2588018	SVF STEEL FORCE S701 LAZY H BURN BABY BURNR34	
HR RITA 400 2628106		B/R NEW FRONTIER 095 HIGHLANDER RITA 21-5175



63	SFS CRIMSON TIDE CSB44	Tattoo: CSB44							
Birth Date: 9-18-2014	Bull 2962555								
SimAngus/SR	Owner: Creekside Farm, Hiddenite, NC								
GIBBS 0689X CRIMSON TIDE 2602503	MR NLC UPGRADE U8676 SSF BLK LUCY S727								
SFS GALA XS26 2755028		IRONWOOD NEW LEVEL SFS GALA M66							
CEPDS									
CED	BWT	WWT	YWT	MILK					
9.7 0.21	-0.8 0.36	61.6 0.32	87.6 0.36	27.3 0.2					
MARB	RE	ST	API	TI					
0.13 0.22	0.78 0.21		123	66.9					
PERFORMANCE									
TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA		
VALUE	80	744	998.5	54	1437.5	3.92	3.21		
RATIO		109				107	99		
ADJ 365 YEARLING									
TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC	AYWT	RFI Daily
VALUE	1.89	14.6	0.18		52.0	6.1	34.50	1138	-16.36
RATIO								97	

65	SFS RAISINCAIN B35	Tattoo: SFB35							
Birth Date: 9-8-2014	Bull 2962560								
PB SM/SR	Owner: Shuffler Farm, Union Grove, NC								
GIBBS 0601X RAISINCAIN 2602502	MR NLC UPGRADE U8676 ASR SWEET DREAMS M229								
SFS KOKO W36 2528905		DIKEMANS SURE BET SFS KOKO H52							
GE-EPDs									
CEPDS									
CED	BWT	WWT	YWT	MILK					
9.3 0.26	2.7 0.44	74.7 0.39	111.3 0.43	17 0.19					
MARB	RE	ST	API	TI					
0.16 0.38	0.96 0.29	19.1 0.31	125.3	74.6					
PERFORMANCE									
TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA		
VALUE	88	800	1070	53	1570	4.46	3.43		
RATIO		117				116	104		
ADJ 365 YEARLING									
TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC	AYWT	RFI Daily
VALUE	2.89	14.7	0.23		52.0	6.0	32.00	1242	1.34
RATIO								104	

64	SFS RAISINCAIN B20	Tattoo: SFB20							
Birth Date: 9-3-2014	Bull 2962562								
PB SM/SR	Owner: Shuffler Farm, Union Grove, NC								
GIBBS 0601X RAISINCAIN 2602502	MR NLC UPGRADE U8676 ASR SWEET DREAMS M229								
SFS LENA Y56 2623013		NICHOLS MANIFEST T79 SFS LENA L39							
GE-EPDs									
CEPDS									
CED	BWT	WWT	YWT	MILK					
8.5 0.26	2.3 0.43	73.1 0.38	108.4 0.42	20.6 0.18					
MARB	RE	ST	API	TI					
0 0.38	1.08 0.29	22.9 0.3	123.7	70.8					
PERFORMANCE									
TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA		
VALUE	90	786	1115	53	1545	3.84	3.34		
RATIO		115				100	101		
ADJ 365 YEARLING									
TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC	AYWT	RFI Daily
VALUE	2.08	15.1	0.14		52.0	6.0	35.20	1245	-6.48
RATIO								104	

66	SFS RIASINCAIN B41	Tattoo: SFB41							
Birth Date: 9-13-2014	Bull 2962540								
PB SM/SR	Owner: Shuffler Farm, Union Grove, NC								
GIBBS 0601X RIASINCAIN 2602502	MR NLC UPGRADE U8676 ASR SWEET DREAMS M229								
SFS ELLIE X65 2577868		HTP SVF IN DEW TIME SFS ELLIE P23							
GE-EPDs									
CEPDS									
CED	BWT	WWT	YWT	MILK					
11.7 0.26	1 0.44	76.6 0.38	108 0.42	14 0.18					
MARB	RE	ST	API	TI					
0.17 0.39	1.07 0.3	20.2 0.31	134.8	78.4					
PERFORMANCE									
TRAIT	BWT	AWWT	ON WT	OFF-HT	OFF-WT	TEST ADG	TEST WDA		
VALUE	88	755	1075	52.5	1480	3.62	3.27		
RATIO		110				94	99		
ADJ 365 YEARLING									
TRAIT	UIMF	UREA	UFAT	URMP	AYHT	FS	AYSC	AYWT	RFI Daily
VALUE	2.69	15.4	0.13		52.0	6.1	33.30	1219	-8.02
RATIO								102	



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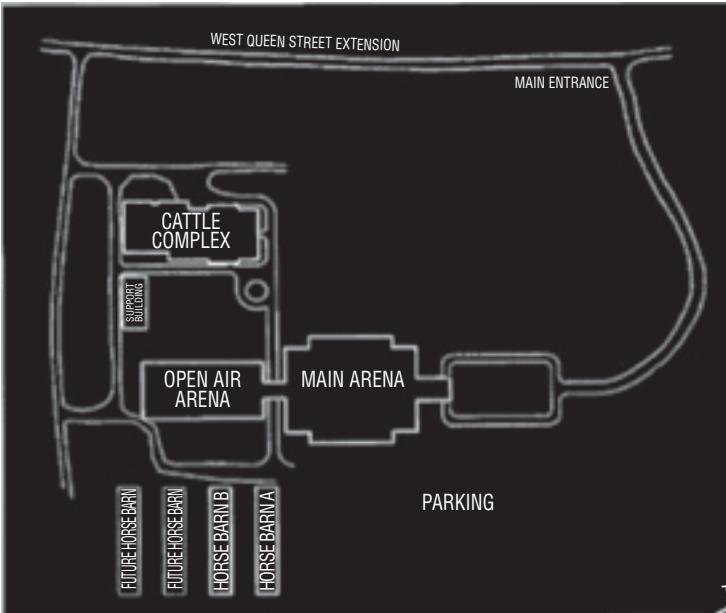
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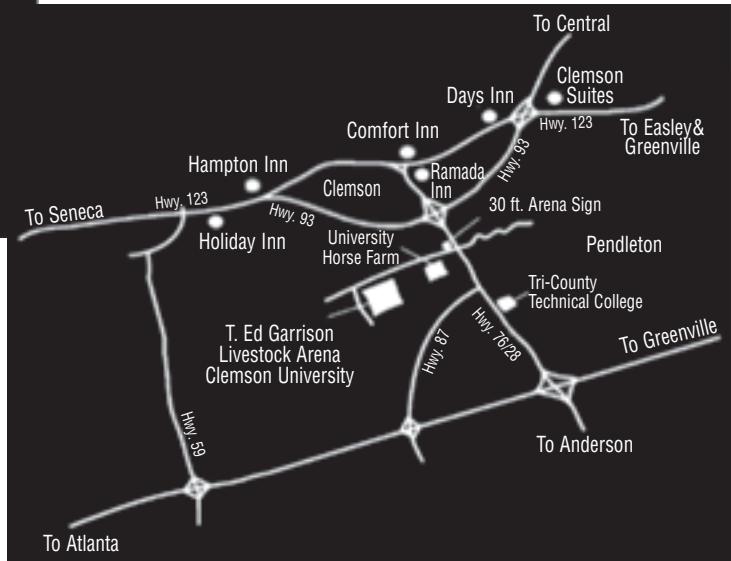
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