46th

Annual Clemson Bull Sale

Presented by Clemson University and SC Cattlemen's Association

2022

CLEMSON

EXTENSION BULL TEST PROGRAM

Angus • Balancers • Hereford • Red Angus • Simmental • SimAngus

Saturday · February 5, 2022 · Noon

Garrison Livestock Arena - Cattle Complex - Clemson, South Carolina

(3 miles East of Clemson on US Hwy 76 - Watch for Sign)

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Saturday • **February 5, 2022** • *Noon*

Garrison Livestock Arena - Cattle Complex

Snow Date – February 9, 2022

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

Sale Order: See page 4.

Auctioneer: Dale Stith – Mayslick, Kentucky 918-760-1550

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 page 13.

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
Best Western - 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 and Test Director:
Dr. Steven E. Meadows
Cell: 864-633-9970
Email: smdws@clemson.edu

Sale Day Telephone: 864-940-2428

Test Manager:
Scott Justice
Beef and Sheep Farm Manager
Cell: 803-535-9545

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.

CLEMSON
Clemson Bull Test
Steven E. Meadows, Ph.D., Director
Clemson University
103 Barre Hall • Clemson, SC 29634
(864) 633-9970 • smdws@clemson.edu

Welcome to the 46th Clemson Extension, 2022 Performance Tested Bull Sale. It is our pleasure to have you come and join us for this offering of power packed, performance tested bulls. This year's offering affords the highest quality of bulls to enhance any herd in the country. Whether you are looking for a herd bull to increase performance, lower birth weights, enhance maternal qualities or improve feed efficiency, this is your opportunity. This year's lineup of bulls represents breed leading AI sired animals that are multi-trait leaders in many categories. This year we will also be offering 30 plus top quality open commercial heifers. Bulls and heifers will be available for viewing after 3:00 p.m. on Friday, February 4, 2022. The sale will be Saturday at Noon, February 5, 2022. Please join us for our joint presale dinner on Friday, February 4, 2022 at 6:00 p.m. at the T. Ed Garrison Livestock Arena in Pendleton, South Carolina.

This year the South Carolina Cattlemen's Association will be having their annual meeting on Friday the 4th. This is always an enjoyable and educational time and we encourage you to register and attend. Interested producers who would like to attend the South Carolina Cattlemen's Association annual meeting and for the agenda on Friday the 4th should go to the SCCA Website for more details of the program and register at https://sccattlemen.wildapricot.org/ Our presale and awards dinner will be held as usual and this will start at 6:00p.m. on February 4 at the cattle sales arena. This is always an enjoyable time and we encourage you to attend. Those who are not going to the all-day program with SCCA but are interested in just attending the presale banquet, should RSVP to smdws@clemson.edu. We look forward to seeing each of you Friday morning at the SCCA annual meeting and then that afternoon for the viewing of the bulls and heifers and join us for our evening meal and program.

Sincerely,
Steven E. Meadows Ph.D.
Director, Clemson Extension Bull Test Program
Cell 864-633-9970
Email: smdws@clemson.edu

AM EPDs contained in the hard copy of this sale book were current as of print date. Digital versions of this sale book can be viewed online at www.angus.org and will have EPDs updated every Friday with the exception of EPD references in footnotes and photos. Any PDF downloads from the website will contain EPDs current as of the date downloaded. *References: American Angus Association®, AHIR®, AngusLinkSM, CAB®, Pathfinder®.*

DVAuction
Broadcasting Real-Time Auctions
www.DVAuction.com

The 46th Clemson University Extension Bull Sale dedicated to the memory of

DR. LARRY W. OLSON

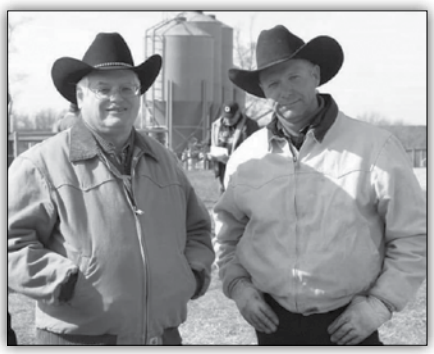
Dr. Larry W. Olson was raised on an Oklahoma cattle and wheat farm. In preparation for a career in the beef industry, Dr. Olson attended the following Universities: Oklahoma State University, University of Nebraska and attended University of Wisconsin to earn his PhD and Post-Doctorate degrees in Animal Breeding.

Dr. Olson started as Clemson University's State Extension Beef Cattle Specialist at the Edisto Research & Education Center on May 1, 1980 a position from which he retired on September 15, 2010, after 31 years. During his time there, Dr. Olson wrote the SC Beef Cattle Improvement Program and created the performance records database. He conducted 30 annual Edisto Beef Cattle Field Days. In 1982, he built the grazing-based Edisto Forage Bull Test program and managed 27 tests and sales. The Edisto Forage Bull Test was one of the first central bull tests with EPD's in the monthly bull weigh reports, a web site, weigh reports online and sale catalogs online. After its' success, he was asked to help 12 states and organizations in the Southeast and Southwest develop grazing-based bull test programs. In 1998, Dr. Olson became the Clemson Bull Testing Program Coordinator in charge of the Clemson Bull Test, Clemson Heifer Sale and Edisto Forage Bull Test. He also created the Clemson Beef Cattle Information Database, which is a web-based beef cattle information database for cattlemen and Extension agents.

BEEF magazine recognized it in August of 2008 as the #1 contacted internet beef cattle site out of 1.75 million beef cattle websites. He served as the Edisto Research & Education Center beef cattle program leader from 1998 to 2010. In April 2000, Dr. Olson started the registered Angus herd at Clemson's Edisto Research & Education Center with donations from numerous Angus breeders across the southeast. In addition to his University contributions, Dr. Olson worked with Congaree Farms, Yon Family Farms, Black Crest Farm and Tokeena Angus to establish and conduct on-farm bull tests and sales. He has also worked with the Saluda County Cattlemen's Association for all 24 years of the annual replacement heifer sale. Dr. Olson was a member of the Beef Improvement Federation's Central Test committee for 20 years and he received the prestigious BIF Continuing Service award in 2012. In addition to his work with cattlemen across the country he also was responsible for all data and analysis for the South Carolina Junior Beef Round-Up. After retirement Dr. Olson set forth to establish his own elite Angus cow herd. Dr. Olson loved the Angus breed and established himself as a cooperator herd at Black Crest Farm in October, 2010 and in October 2015 became a cooperator herd at Yon Family Farms. His retirement did not deter his support of the youth as he sponsored an annual educational scholarship that was awarded at the South Carolina Junior Beef Round-Up.

Dr. Olson was elected to the SC Angus Association Board of Directors in 2012 and served as President in 2017 as well as having served as President of the Salkehatchie Cattlemen's Association. We all know Dr. Olson was an avid bass fisherman and did that with the same level of enthusiasm.

Dr. Larry W. Olson was a great supporter of the cattle industry in South Carolina and the industry at large but most importantly a kind-hearted individual and true friend to many people here in South Carolina and across the country.



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, 2020 to October 31, 2020
   Junior bulls - November 1,2020 to December 31, 2020
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 625, Continental breed 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, PI^3, 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, PI^3, 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.

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:
Boehringer Ingelheim Animal Health - Randy Fordham (Danielsville, GA)
Godfrey's Feed - Weyman Hunt - 706-474-0536

TERMS AND CONDITIONS OF SALE

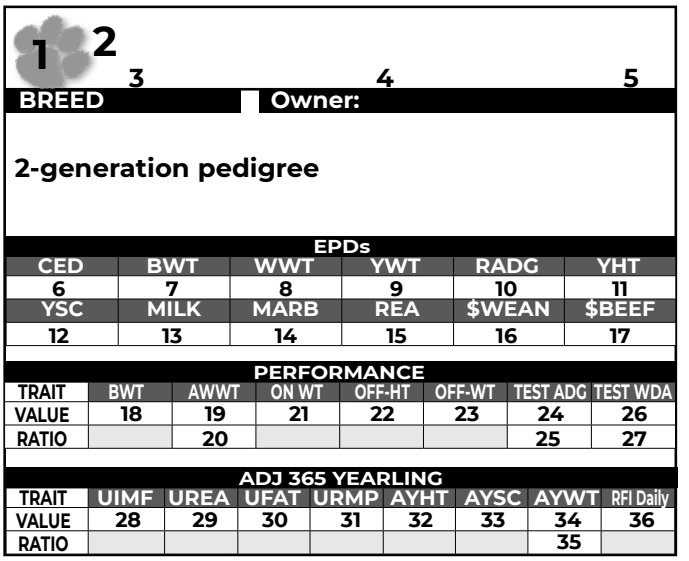
1. Each animal will be sold to the highest bidder. The Auctioneer will settle any disputes as to bids.
2. Terms of the sale are cash or check payable to: Clemson University. Payment is due the day of the sale.
3. Each animal becomes the responsibility and risk of the new owner as soon as it is sold to 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 $1,750 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

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 (sq.in.) 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.
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-Test Weight - Off-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-Test Weight / Off-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 ribeye area (in2).
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. AYSC = adjusted 365-days yearling scrotal circumference (cm).
34. AYWT = adjusted 365-days yearling weight (lbs.).
35. AYWT Ratio = ratio of bull's adjusted 365-days yearling weight to his breed-age group average.
36. RFI Daily = ADG + WDA.

2022 CLEMSON BULL TEST CONSIGNORS

Broadway Cattle Company
Chuck Broadway
4408 Medlin Road
Monroe, NC 28112
704-764-7848
cattle@bcsgroup.bz
Lots 4, 5, 7

Paul Boyd Angus
Neil Boyd
1631Paul Boyd Rd.
Clover, SC 29710
803-684-3587
angie.blancke@boydtire.net
Lots 45, 46

Clinton Farms
Lee Clinton
3005 Clinton Dairy Rd
Clover, SC 29710
704-913-6127
leeclinton4798@aol.com
Lots 29, 43

Shady River Farms
Jerry Ellis/Glenda Walker
1138 Liberty Rd SW
Calhoun, Ga 30701
770-878-0961
shadyriverfarm@yahoo.com
Lot 81

Woodlawn Farm LLC
Rick Wood
5781 Hwy 115 W
Clarksville, GA 30523
706-499-2325
rick@gpspoultry.com
Lots 78, 79

Cooks Cattle Service
John Cook
PO Box 92
Buckhead, GA 30605
706-818-1348
cookscattleservices@yahoo.com
Lots 69, 70

AK/NDS
Jim Rathwell
159 Overdue Hill
Six Mile, SC 29682
864-868-9851
rathwell2@hotmail.com
Lots 73, 74, 77

Yaupon Land & Cattle
Ryan Settle
501 Hickory Hollow Rd.
Inman, SC 29349
864-706-8035
yauponlandandcattle@gmail.com
Lots 59, 60

Oak Hill Farms
Danny Winchester
134 Fox Hunt Lane
Six Mile, SC 29682
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winchesterd@bellsouth.net
Lots 34, 53

Bridges Beef Cattle
John Bridges
2032 Chatfield Rd.
Shelby, NC 28150
704-692-2978
bridgesbeefcattle@gmail.com
Lots 11, 13, 14, 15

Berry-Wells Farm
Jonathon Wells
2093 Crawfordville Rd.
Rayle, GA 30660
770-880-6678
jwells1586@gmail.com
Lots 8, 9, 41

Allgood Angus
Jamie Allgood
4875 Old Lexington Rd.
Athens, GA 30605
706-215-7078
Lot 20

Shuffler Farm
Eugene Shuffler
444 Union Grove Rd.
Union Grove, NC 28689
704-539-4164
Lots 22, 23, 24, 42, 63, 64

Misty Hill Farm
Ricky Baumgardner
167 Heritage Dr.
Walhalla, SC 29691
864-710-6832
Lots 48, 49, 83, 84, 86

Laurel Ridge Farm
Larry Cantrell
1047 White Cut Rd.
Walhalla, SC 29691
864-723-0749
Lots 51, 54

Montgomery Farm
Andy Montgomery
775 Antioch Rd.
Blacksburg, SC 29702
704-692-6642
Lots 59, 60

Terry Jordan
432 Jolly Rd.
Townville, SC 29689
864-630-5182
Lots 65, 66

SALE ORDER

Sale Order/ Ranking	Tag No.	ADG	Ratio	WDA	Ratio	Gain Index	Gain Index Ratio	TEST / RFI	Total Performance Index INDEX	Total Performance Index Ratio
1	5	5.55	127	3.61	106	9.16	120	-1.19	60.85	121.47
2	4	5.45	125	3.67	108	9.12	120	-1.57	60.74	121.23
3	13	5.29	121	3.66	108	8.95	118	-0.02	58.87	117.50
4	77	4.64	123	3.77	108	8.41	111	-5.18	57.91	115.58
5	24	4.87	112	3.84	113	8.70	114	0.40	57.04	113.85
6	73	4.39	100	3.82	100	8.21	108	-4.96	56.47	112.72
7	7	5.07	116	3.54	104	8.61	113	0.75	56.26	112.31
8	48	4.71	104	3.45	100	8.16	107	-0.31	53.84	107.47
9	41	4.88	105	3.44	99	8.32	109	1.83	53.81	107.40
10	11	4.93	113	3.31	97	8.23	108	1.06	53.63	107.04
11	46	4.65	100	3.36	97	8.02	105	-1.72	53.59	106.96
12	43	4.54	98	3.65	105	8.19	108	1.19	53.25	106.28
13	49	4.82	104	3.48	100	8.30	109	3.00	53.07	105.94
14	45	4.78	103	3.36	97	8.14	107	2.01	52.51	104.80
15	8	4.54	104	3.34	98	7.87	103	-1.19	52.38	104.55
16	9	4.80	110	3.19	94	8.00	105	1.30	51.95	103.69
17	15	4.68	107	3.37	99	8.04	106	2.95	51.44	102.67
18	20	4.18	96	3.55	105	7.73	102	-0.99	51.35	102.50
19	14	4.54	104	3.18	94	7.72	101	-0.99	51.26	102.32
20	53	4.32	101	3.31	102	7.63	100	-1.23	50.81	101.42
21	83	4.30	100	3.36	100	7.67	101	0.26	50.30	100.40
22	79	3.48	92	3.95	113	7.43	98	-2.78	50.26	100.32
23	42	4.16	89	3.51	101	7.67	101	1.90	49.48	98.77
24	54	4.22	99	3.16	98	7.38	97	-1.72	49.44	98.68
25	63	4.38	121	3.40	103	7.77	102	3.51	49.36	98.52
26	23	4.06	93	3.49	103	7.55	99	0.68	49.36	98.52
27	19	3.98	91	3.49	103	7.47	98	0.20	49.06	97.93
28	34	4.00	92	3.19	94	7.19	94	-3.33	48.95	97.71
29	64	3.88	107	3.35	101	7.22	95	-2.78	48.92	97.64
30	51	4.34	100	3.12	100	7.46	98	0.40	48.85	97.51
31	70	3.81	105	3.64	110	7.45	98	0.51	48.74	97.29
32	18	3.75	86	3.62	107	7.37	97	-0.09	48.53	96.87
33	29	4.17	96	3.41	101	7.58	100	3.40	48.19	96.18
34	84	3.77	117	3.36	111	7.13	94	-0.35	47.06	93.93
35	22	3.72	85	3.24	95	6.96	91	-1.34	46.46	92.73
36	65	3.72	103	3.07	93	6.79	89	-1.52	45.45	90.72
37	69	3.72	103	3.40	103	7.13	94	2.87	45.44	90.71
38	81	3.59	99	3.23	101	6.82	90	-0.13	44.92	89.66
39	74	3.68	101	3.17	99	6.85	90	0.49	44.80	89.42
40	78	3.19	85	3.23	93	6.42	84	-1.01	42.73	85.30
41	66	3.46	95	2.99	91	6.44	85	0.02	42.37	84.57
42	86	3.21	100	2.93	97	6.14	81	-1.17	40.97	81.79
43	59	3.20	108	2.83	105	6.03	79	1.72	38.81	77.47
44	60	2.75	92	2.57	95	5.32	70	-0.12	35.06	69.98

*RFI Value Missing/based on group average

4 BCIV ENHANCE 0085

10-01-2020 | Bull +*19877130 | Tattoo: 0085

Angus/SR | **Broadway Cattle Company**

SydGen Enhance
18170041

*SydGen Exceed 3223
SydGen Rita 2618

***Byergo Blackbird 6338**
18858885

*Byergo Black Magic 3348
#Byergo Miss Elia 2822

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
-4 .34	+5.1 .49	+93 .43	+167 .38	+.34 .34	+1.5 .48

SC	MILK	MARB	REA	$W	$B
+1.12 .44	+31 .33	+.92 .37	+1.00 .37	+88	+205

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	85	764	2.07	13.8	.25	.34	48.7	37.65	1294
RATIO		100							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
975	52	1585	5.45 / 119	3.67 / 106	98	-1.57

5 BCIV ATLAS'S INNOVATION 0042

09-08-2020 | Bull +*19860938 | Tattoo: 0042

Angus/SR | **Broadway Cattle Company**

***Byergo Black Revolution 8240**
19118650

*Byergo Black Magic 3348
*Byergo Elia Cupcake 4080

***GB-Concrete Weigh Up G115**
19108805

#*Plattemere Weigh Up K360
G B Concrete 8406-7606-11115

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
-6 .30	+5.8 .47	+91 .39	+160 .33	+.36 .29	+1.7 .45

SC	MILK	MARB	REA	$W	$B
+.94 .41	+37 .27	+.85 .34	+.88 .34	+89	+198

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	93	730	2.65	12.7	.22	.20	48.2	35.91	1301
RATIO		100							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1020	54	1642	5.55 / 122	3.61 / 105	99	-1.19

7 BCIV BLACKSTONE 0022

09-01-2020 | Bull *19860902 | Tattoo: 0022

Angus/SR | **Broadway Cattle Company**

***Byergo/Double GG Blackstone**
18842383

*Byergo Black Magic 3348
Byergo May 2871

+*Bciv Blackcap FT301
19265356

#+*Basin Payweight 1682
+*Spruce Mtn Blackcap 0821

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+6 .36	+3.0 .52	+81 .44	+147 .36	+.29 .31	+1.3 .43

SC	MILK	MARB	REA	$W	$B
+1.49 .38	+34 .28	+.71 .33	+.83 .33	+90	+175

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	75	819	3.82	12.2	.36	.56	48.8	36.71	1222
RATIO		103							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
979	53	1547	5.07 / 111	3.54 / 103	93	0.75

8 WELLS PEYTON W004

09-21-2020 | Bull *20021003 | Tattoo: W004

Angus/SR | **Berry - Wells Farm**

***E W A Peyton 642**
18675107

+*Quaker Hill Manning 4EX9
#+*E W A 444 of 968 Progress

***Wells Ashland W809**
19412162

+*G A R Ashland
*Wells All In W619

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+18 .35	-1.8 .50	+79 .39	+136 .34	+.32 .27	+.3 .40

SC	MILK	MARB	REA	$W	$B
+.06 .36	+32 .26	+1.27 .32	+.74 .32	+99	+195

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	62	774	3.22	13.0	.27	.26	45.5	35.35	1323
RATIO		100							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
967	48	1475	4.54 / 99	3.34 / 97	101	-1.19

9 WELLS PEYTON W031

10-08-2020 | Bull *20021010 | Tattoo: W031

Angus/SR | **Berry - Wells Farm**

***E W A Peyton 642**
18675107

+*Quaker Hill Manning 4EX9
#+*E W A 444 of 968 Progress

***Wells Sunrise W737**
19218294

+*G A R Sunrise
*Wells All In W504

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+15 .33	+.2 .50	+78 .43	+139 .35	+.26 .28	+.6 .41

SC	MILK	MARB	REA	$W	$B
+.45 .37	+26 .27	+1.25 .32	+.72 .33	+85	+174

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	60	654	3.76	12.5	.40	.33	46.9	35.40	1188
RATIO		105							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
819	50	1357	4.8 / 105	3.19 / 92	90	1.3

11 BBC LUCKY CHARM 005

09-01-2020 | Bull *20089751 | Tattoo: 005

Angus/SR | **Bridges Beef Cattle**

***44 Lucky Charm**
19066964

*BUBS Southern Charm AA31
TRM Rita 4115

+*BBC Rita 409
18132413

#*EXAR Upshot 0562B
+*Sarratts Rita 0322

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+3 .34	+3.6 .54	+75 .47	+132 .41	+.25 .31	+.8 .49

SC	MILK	MARB	REA	$W	$B
+1.72 .47	+28 .30	+.46 .36	+.81 .36	+75	+143

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	75	673	2.31	13.1	.33	.29	47.0	37.19	1283
RATIO		108							107

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
975	52	1527	4.93 / 108	3.31 / 96	98	1.06

13 BBC GROWTH FUND 007

09-12-2020 | Bull 20084483 | Tattoo: 007

Angus/SR | **Bridges Beef Cattle**

+*Deer Valley Growth Fund
18827828

#+*Basin Payweight 1682
+*Deer Valley Rita 36113
Rito 9B2 of Rita 6EMC BR28

BBC Bess B38
17283216

P B Bess 250

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+2 .36	+3.9 .54	+92 .47	+164 .42	+.35 .32	+.9 .50

SC	MILK	MARB	REA	$W	$B
+.66 .46	+30 .32	+.54 .36	+.89 .36	+88	+186

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	80	807	2.97	13.3	.33	.31	47.3	36.56	1353
RATIO		130							113

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1060	51	1652	5.29 / 116	3.66 / 106	103	-0.02

14 BBC 18 MILLION 008

09-13-2020 | Bull *20085483 | Tattoo: 008

Angus/SR | **Bridges Beef Cattle**

***Whitestone 18-Million**
18000000

*Jindra Acclaim
Whitestone Everelda 5109
#G A R Retail Product

Deer Valley Blackbird 8189
16066726

Thomas Blackbird 5077

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+4 .34	+1.8 .54	+70 .47	+125 .42	+.33 .31	+.9 .46

SC	MILK	MARB	REA	$W	$B
+.23 .46	+18 .30	+.52 .36	+1.02 .36	+59	+176

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	78	682	2.94	12.8	.22	.27	N/A	32.49	1229
RATIO		109							103

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
924	52	1432	4.54 / 99	3.18 / 92	93	-0.99

15 BBC DENVER 015

10-12-2020 | Bull *20094502 | Tattoo: 015

Angus/SR | **Bridges Beef Cattle**

#*EXAR Denver 2002B
17160560

#*EXAR Upshot 0562B
+Exar Royal Lass 1067
#+*S A V Recharge 3436

+*BBC Blackbird 618
18801452

Deer Valley Blackbird 8189

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+3 .36	+3.4 .55	+72 .47	+137 .42	+.27 .33	+.6 .50

SC	MILK	MARB	REA	$W	$B
+2.15 .48	+17 .35	+1.02 .39	+.66 .39	+53	+183

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	85	684	3.08	12.7	.27	.31	47.0	37.69	1274
RATIO		110							107

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
893	51	1417	4.68 / 103	3.37 / 97	97	2.95

18 YLC WARLOCK H003

10-27-2020 | Bull *19870544 | Tattoo: H003

Angus/SR | **Yaupon Land and Cattle**

***Byergo Black Magic 3348**
17803074

*Silveiras Conversion 8064
*Byergo Elia Cupcake 5900
#*Plattemere Weigh Up K360

***Yon Witch F92**
18992637

Yon Witch B190

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+5 .34	+2.8 .52	+86 .44	+149 .37	+.33 .33	+1.1 .44

SC	MILK	MARB	REA	$W	$B
+1.84 .39	+35 .31	+.54 .36	+1.16 .36	+96	+176

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	80	734	2.36	15.3	.25	.27	48.5	39.00	1377
RATIO		105							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1050	51	1470	3.75 / 82	3.62 / 105	105	-0.09

19 YLC SHILOH H004

10-30-2020 | Bull *19870545 | Tattoo: H004

Angus/SR | **Yaupon Land and Cattle**

SydGen Enhance
18170041

*SydGen Exceed 3223
SydGen Rita 2618
+*ECO Lombardi 1512

+*Powell Elba 8368
19223691

*Williams Prophet Elba 233

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+7 .36	+1.2 .53	+82 .46	+149 .40	+.31 .34	+1.2 .48

SC	MILK	MARB	REA	$W	$B
+.99 .44	+37 .32	+.88 .38	+1.15 .38	+97	+200

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	66	679	3.40	16.6	.43	.49	47.6	34.60	1410
RATIO		97							102

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
961	51	1407	3.98 / 87	3.49 / 101	107	0.2

CLEMSON

EXTENSION BULL TEST PROGRAM

Saturday • Noon

February 5, 2022

Garrison Livestock Arena - Cattle Complex

Snow Date – February 9, 2022

20 ALLGOOD GROWTH FUND A007

10-21-2020 | Bull +*20060324 | Tattoo: A007

Angus/SR | **Allgood Angus**

+*Deer Valley Growth Fund
18827828

#+*Basin Payweight 1682
+*Deer Valley Rita 36113

+*Bridges Rampage 7615
19143994

#+*Quaker Hill Rampage 0A36
+*Bridges Prophet 301

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+13 .36	+1.2 .52	+99 .44	+171 .39	+.28 .33	+1.0 .47
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+1.23 .42	+26 .31	+.57 .38	+1.02 .37	+102	+164

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	87	778	3.09	12.7	.27	.53	48.3	37.79	1380
RATIO		100							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
994	53	1462	4.18 / 92	3.55 / 103	105	-0.99

22 SFA NH03 NIAGARA OF BC40

09-02-2020 | Bull 20047147 | Tattoo: NH03

Angus/SR | **Shuffler Farm**

*S S Niagara Z29
17287387

#*Hoover Dam
Jet S S X144

SFA Forever BC40
18477491

#S A V Bruiser 9164
SFA Forever AL28

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+11 .37	+.5 .56	+65 .48	+118 .42	+.30 .35	+.5 .50
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+.06 .46	+24 .36	+.69 .40	+.89 .39	+68	+151

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	82	721	2.85	13.8	.59	.51	46.5	33.75	1291
RATIO		104							97

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1075	50	1492	3.72 / 82	3.24 / 94	98	-1.34

23 SFA HH22 NIAGARA OF BE44

09-12-2020 | Bull 20064477 | Tattoo: HH22

Angus/SR | **Shuffler Farm**

*S S Niagara Z29
17287387

#*Hoover Dam
Jet S S X144

SFA Virginia Rose BE44
19066802

#S A V Bruiser 9164
Oakview Limelight 2812

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+5 .36	+2.5 .54	+81 .47	+151 .41	+.32 .34	+.9 .49
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+.02 .45	+18 .34	+1.00 .39	+.83 .38	+67	+193

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	80	702	3.73	13.5	.27	.47	48.3	34.56	1408
RATIO		101							106

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1120	51	1575	4.06 / 89	3.49 / 101	107	0.68

24 SFA EH31 ENHANCE OF EF23 ELITE [NHF]

09-16-2020 | Bull *20068062 | Tattoo: EH31

Angus/SR | **Shuffler Farm**

SydGen Enhance
18170041

*SydGen Exceed 3223
SydGen Rita 2618

SFA Rita EF23
19467693

3F Epic 4631
SFA Rita CA13

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+2 .37	+2.6 .54	+72 .46	+133 .39	+.28 .34	+1.0 .46
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+.80 .41	+24 .33	+.59 .38	+.81 .37	+68	+171

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	78	846	3.36	14.1	.31	.37	48.4	40.19	1526
RATIO		117							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1170	53	1715	4.87 / 107	3.84 / 111	116	0.4

29 LCF PLAYBOOK 013

09-26-2020 | Bull *20063564 | Tattoo: C013

Angus/SR | **Clinton Farms**

+*TEX Playbook 5437
18414912

#+*Basin Payweight 1682
+*Rita 1C43 of 9M26 Complete

+*Yon Witch B293
17851201

#*Connealy Confidence 0100
#+Yon Witch S507

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+9 .35	+.8 .54	+56 .46	+95 .39	+.21 .31	+.4 .45
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+.43 .40	+32 .34	+.51 .35	+.74 .35	+72	+135

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	70	747	2.59	14.5	.31	.43	48.1	35.49	1325
RATIO		99							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1023	52	1490	4.17 / 91	3.41 / 99	101	3.4

34 OHF WINCHESTER EXCLUSIVE 159

09-27-2020 | Bull 19954114 | Tattoo: 159

Angus/SR | **Oak Hill Farm**

*Musgrave 316 Exclusive
18130471

+*LD Capitalist 316
*Musgrave Prim Lassie 163-386

+Ohf Alexis's Answer 147
18978100

#*S A V Final Answer 0035
*Ohf Alexis Upward Z53

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+11 .32	-.2 .46	+65 .40	+105 .35	+.20 .29	+.3 .41
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+1.31 .37	+26 .26	+.85 .32	+.66 .33	+77	+150

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	65	716	3.55	14.7	.42	.40	45.6	38.04	1170
RATIO		100							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
942	49.5	1390	4 / 88	3.19 / 92	89	-3.33

41 WELLS GROWTH FUND W064

11-12-2020 | Bull +*20021002 | Tattoo: W064

Angus/JR | **Berry - Wells Farm**

+*Deer Valley Growth Fund
18827828
#+*Basin Payweight 1682
+*Deer Valley Rita 36113

***Bridges Sure Fire 701**
19014419
+*G A R Sure Fire
+*Bridges Prophet 5404

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+6 .38	+3.0 .55	+99 .46	+172 .41	+.33 .35	+1.1 .49
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+.62 .44	+35 .33	+1.00 .39	+1.07 .38	+106	+203

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	75	826	3.42	13.9	.35	.46	49.1	36.10	1256
RATIO		100							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
793	49	1340	4.88 / 105	3.44 / 99	101	1.83

42 SFA NH45 NIAGARA OF EW52 [DDF]

11-05-2020 | Bull 20047150 | Tattoo: NH45

Angus/JR | **Shuffler Farm**

***S S Niagara Z29**
17287387
#*Hoover Dam
Jet S S X144

#SFA Sabarina EW52
16927669
#Sitz New Design 458N
SFA Sabarina DR18

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
-3 .35	+4.5 .54	+71 .47	+131 .39	+.27 .33	+1.0 .46
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+.77 .40	+32 .35	+.69 .37	+.69 .37	+68	+171

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	87	768	7.01	13.5	.63	.49	49.9	40.09	1331
RATIO		110							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
926	50	1392	4.16 / 89	3.51 / 101	107	1.9

43 LCF NIAGARA 025

11-11-2020 | Bull 20063569 | Tattoo: C025

Angus/JR | **Clinton Farms**

***S S Niagara Z29**
17287387
#*Hoover Dam
Jet S S X144

LCF Lucy All In 11
18719831
#*Deer Valley All In
LCF Lucy YK Mandan 26

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+6 .35	+.6 .53	+67 .45	+128 .37	+.27 .32	+.5 .44
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+.33 .39	+38 .33	+.73 .37	+.50 .37	+83	+152

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	70	800	3.77	13.2	.45	.46	49.1	33.25	1338
RATIO		106							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
919	49	1427	4.54 / 98	3.65 / 105	108	1.19

45 P B PLAYBOOK 321

11-03-2020 | Bull 20086137 | Tattoo: 321

Angus/JR | **Paul Boyd Angus**

+*TEX Playbook 5437
18414912
#+*Basin Payweight 1682
+*Rita 1C43 of 9M26 Complete

P B 3374 Burgess 317
18909527
+*Williams Upward 818-374
P B 9B2 Burgess 474

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+5 .37	+1.9 .57	+75 .49	+126 .43	+.23 .33	+.6 .50
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+1.24 .47	+28 .35	+.80 .38	+.69 .38	+84	+171

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	78	661	3.22	12.0	.19	.36	47.9	34.00	1237
RATIO		109							107

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
805	48	1340	4.78 / 103	3.36 / 97	99	2.01

46 P B RENO 391 [DDF]

11-23-2020 | Bull 20086139 | Tattoo: 391

Angus/JR | **Paul Boyd Angus**

+*Yon Reno G144
19439142
*Spring Cove Reno 4021
Yon Sarah B281

#P B Dell 260
16709982
#C R A Bextor 872 5205 608
P B Dell 83

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+3 .33	+2.7 .54	+73 .46	+129 .39	+.25 .31	+.5 .48
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+1.57 .44	+39 .31	+.76 .35	+.82 .35	+89	+145

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	80	680	3.43	14.7	.46	.58	48.5	37.67	1213
RATIO		112							104

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
754	48	1275	4.65 / 100	3.36 / 97	97	-1.72

CLEMSON

EXTENSION BULL TEST PROGRAM

Saturday • Noon

February 5, 2022

Garrison Livestock Arena - Cattle Complex

Snow Date – February 9, 2022

48 WOODHILL BLUEPRINT 6284

11-09-2020 | Bull +*19996334 | Tattoo: MH102

Angus/JR | **Misty Hill Farm**

	*Connealy Confidence Plus
***Woodhill Blueprint** 18876777	*Woodhill Evergreen Z291-B233
	#*Plattemere Weigh Up K360
+*Deer Valley Blackcap 6284 18693097	+*G A R Daybreak R240

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+11 .35	+1.2 .51	+77 .43	+140 .39	+.30 .31	+.9 .49
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+.80 .46	+37 .32	+.17 .38	+1.50 .37	+93	+161

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	64	701	1.99	16.6	.30	.33	48.0	39.00	1218
RATIO		100							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
827	48	1355	4.71 / 104	3.45 / 100	98	-0.31

49 WALL STREET ENTENSE 5739

11-13-2020 | Bull +*19996336 | Tattoo: MH104

Angus/JR | **Misty Hill Farm**

	#+*Basin Payweight 1682
***Deer Valley Wall Street** 18827829	+*Deer Valley Rita 36113
	#*V A R Discovery 2240
+*DCF Ever Entense 5739 18257370	*V A R Ever Entense 9082

EPDs

CED	BEPD	WEPD	YEPD	RADG	YH
+7 .33	+1.5 .49	+87 .42	+163 .37	+.32 .31	+.6 .47
SC	**MILK**	**MARB**	**REA**	**$W**	**$B**
+1.31 .44	+25 .28	+.82 .36	+.47 .36	+85	+167

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	80	680	4.03	12.2	.48	.48	49.1	36.13	1216
RATIO		100							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
812	49	1352	4.82 / 104	3.48 / 100	98	3

51 LRF DOMAIN H511

10-25-2020 | Bull 4381333 | Tattoo: H511

Red Angus/SR | **Laurel Ridge Farm**

	BECKTON DOMINOR T122 Z1
3SCC DOMAIN A163 1619642	3SCC EUCLA X723
	LJC MISSION STATEMENT P27
LRF MS STATEMENT F337 4208082	BROWN MS REVELATION W7981

EPDs

CED	BWT	WWT	YWT	MILK	MARB	RE
10 .25	0.9 .31	69 .24	115 .23	24 .21	0.58 .25	0.35 .29
ADG	**DMI**	**HPG**	**ST**	**HB**	**GM**	
0.29	1.67	12	17	62	57	

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	84	689	1.99	14.01	0.33		48.5	36.7	1095
RATIO									100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
786	49	1272	4.34 / 100	3.12 / 100	100	0.4

53 OHF MR ONE OF KIND 45

11-4-2020 | Bull 4372647 | Tattoo: 45

Red Angus/JR | **Oak Hill Farm**

	BUF CRK THE RIGHT KIND U199
PIE ONE OF A KIND 352 1651711	PIE FAYETTE 1160
	FRITZ JUSTICE 8013
OHF MISS JUSTICE 1652024	LCF LARKABA 514U

EPDs

CED	BWT	WWT	YWT	MILK	MARB	RE
12 .41	-3.5 .44	69 .43	114 .43	27 .21	0.21 .38	0.31 .45
ADG	**DMI**	**HPG**	**ST**	**HB**	**GM**	
0.28	2.25	14	8	22	24	

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	55	655	1.66	15.52	0.24		47	31.34	1205
RATIO		ET							103

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
833	47	1317	4.32 / 101	3.31 / 102	103	-1.23

54 LRF FUTUREH531

11-5-2020 | Bull 4446191 | Tattoo: H531

Red Angus/JR | **Laurel Ridge Farm**

	FEDDES DIRECT NORS 7130
MONTVUE RED FUTURE W439 1302471	MATH CHEY N8977
	LCB JEWEL MAKER N155
MONTVUE N155 C-CANYON S098 1149283	HAMMEL C-CANYON LA856

EPDs

CED	BWT	WWT	YWT	MILK	MARB	RE
13 .19	-1.3 .22	55 .21	85 .21	31 .16	0.4 .25	0.14 .31
ADG	**DMI**	**HPG**	**ST**	**HB**	**GM**	
0.19	1.39	14	16	69	16	

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	82	651	2.27	11.44	0.32		49	34.87	1145
RATIO									97

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
782	49	1255	4.22 / 99	3.16 / 98	97	-1.72

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59 MF HOME COOKING 26H (DLF;HYF;IEF;MSU;DF;MDF)

09-20-2020 | Bull 44212003 | Tattoo: MF26H

Hereford/SR | **Montgomery Farm**

KCF BENNETT HOMEWARD C776 (CHB)(DLF;HYF;IEF;MSU;DF;MDC)
P43662613

NJW 73S W18 HOMETOWN 10Y ET (SSD)(CHB)(DLF;HYF;IEF;MSU;DF;MDC)
KCF MISS 22S Z301 ET (DLF;HYF;IEF)
THM AVATAR 2108 ET (CHB)(DLF;HYF;IEF)
BOYD RACHEL 104T ET (DLF;HYF;IEF)

THM 2108 BOBBIE MAY 7010 ET
P43738429

EPDs

CED	BWT	WWT	YWT	YSC	MILK
1.7 .39	2.6 .44	60 .42	98 .42	0.5 .38	23 .28

MARB	RE	BMI	BII	CHB
0.26 .22	0.25 .22	333	419	144

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	79	645	1.7	12.1			47	31.6	1002
RATIO		101							104

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
897	49.5	1255	3.2 / 108	2.83 / 105	104	1.72

60 MF BATTLE BORN 28H (DLF;HYF;IEF;MSU;DF;MDF)

09-28-2020 | Bull 44209897 | Tattoo: MF28H

Hereford/SR | **Montgomery Farm**

FF BATTLE PLATO Y549 B296 (DLF;HYF;IEF;MSU;DF)
P43466410

FF BATTLE PLATO S423 Y549 (DLF;HYF;IEF)
FF LASSI BTL N457 X373 (DLF;HYF;IEF)
THM DURANGO 4037 (SSD)(DLF;HYF;IEF)

THM 4037 MARLETTA 7006 ET
P43766684

Out of Sale

EPDs

CED	BWT	WWT	YWT	YSC	MILK
6.3 .3					.21

MARB	RE	BMI	BII	CHB
0.02		332	393	93

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	71	631	0.77	9.69			44	30.3	926
RATIO		99							96

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
809	46	1117	2.75 / 92	2.57 / 95	96	No RFI

63 SFS ASSERTIVE XH12

09-08-2020 | Bull 3884671 | Tattoo: XH12

SimAngus/SR | **Shuffler Farm**

K C F BENNETT ASSERTIVE
3422609

K C F BENNETT ABSOLUTE
K C F MISS HOMESTEAD Z98
KOCH BIG TIMBER 685D
ROCKIE

SFS ROCKIE F59
3559906

EPDs

CED	BWT	WWT	YWT	MILK
13.7 0.45	-3.4 0.47	77.2 0.46	116.8 0.46	27.3 0.18

MARB	RE	ST	API	TI
0.62 0.46	0.17 0.47	16.2 0.26	153.8	89

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	82	759	2.84	13.65	0.43		47.5	36.4	1312
RATIO		111							107

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1055	52	1545	4.38 / 114	3.4 / 103	107	3.51

64 SFS ASSERTIVE XH33

09-20-2020 | Bull 3884668 | Tattoo: XH33

SimAngus/SR | **Shuffler Farm**

K C F BENNETT ASSERTIVE
3422609

K C F BENNETT ABSOLUTE
K C F MISS HOMESTEAD Z98
TNT PRIDE C232
SFS KOKO X42

SFS KOKO F41
3559920

EPDs

CED	BWT	WWT	YWT	MILK
12.4 0.43	-1.2 0.48	90 0.45	140.8 0.46	25.7 0.17

MARB	RE	ST	API	TI
0.48 0.43	0.5 0.45	14.1 0.26	147	92.8

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	80	772	4.07	13.95	0.29		48	39.1	1300
RATIO		113							106

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1048	51	1482	3.88 / 101	3.35 / 101	106	-2.78

65 JORDANS HUSKER H58

10-04-2020 | Bull 3887784 | Tattoo: H58

SimAngus/SR | **Terry Jordan**

UNL-HUSKER 84X
2575115

WS BEEF MAKER R13
4098P
HOOK`S YELLOWSTONE 97Y
JORDANS HELENA D38

JORDANS SATIN F45
3575025

EPDs

CED	BWT	WWT	YWT	MILK
11.9 0.41	0.2 0.45	74.9 0.43	110.9 0.44	26.7 0.17

MARB	RE	ST	API	TI
0.23 0.43	0.87 0.46	14.7 0.29	125.5	76.6

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	72	701	1.78	12.57	0.16		50.5	30.9	1169
RATIO		104							95

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
900	51	1317	3.72 / 97	3.07 / 93	95	-1.52

66 JORDANS FRONTIER H59

10-07-2020 | Bull 3887787 | Tattoo: H59

SimAngus/SR | **Terry Jordan**

GLS FRONTIER N13
2204918

B/R NEW FRONTIER 095
GLS HOSTESS H16
GW BLACK DESTINY 359J
STF SARA

SVF WILD FLOWER R505
2288527

EPDs

CED	BWT	WWT	YWT	MILK
11.6 0.42	1.8 0.46	60.2 0.45	88 0.44	21.7 0.19

MARB	RE	ST	API	TI
0.33 0.4	0.56 0.43	23.7 0.3	139.6	67.7

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	81	670	2.21	13.12	0.22		49.5	33	1137
RATIO		99							92

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
885	50	1272	3.46 / 90	2.99 / 90	92	0.02

69 4CLF HIGH ROAD H032

09-26-2020 | Bull 3907185 | Tattoo: H032

SimAngus/SR | **Cook Cattle Services**

KBHR HIGH ROAD E283
3312276
HOOK`S BEACON 56B
WS MISS SUGAR C4

4CLF 5050 NEW DESIGN
3272345
W H S LIMELIGHT 64V
BRIDGES 5050 NEW DESIGN 9108

EPDs

CED		BWT		WWT		YWT		MILK	
13.7	0.42	0	0.45	89.1	0.46	148	0.47	25.8	0.18

MARB		RE		ST		API	TI
0.8	0.46	1	0.46	13.7	0.25	165	99.9

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	80	709	3.71	14.94	0.4		50.5	35.41	1279
RATIO									104

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1070	51	1487	3.72 / 97	3.4 / 103	104	2.87

Retaining ½ semen interest

70 4CLF TRIPLE CROWN H042 ELITE

10-24-2020 | Bull 3907187 | Tattoo: H042

SimAngus/SR | **Cook Cattle Services**

GW TRIPLE CROWN 018C
2954741
J BAR J NIGHTRIDE 225Z
GW MISS GPRD 359A

4CLF MISS ALL IN C454
3100909
DEER VALLEY ALL IN
MISS RHF DEENA

EPDs

CED		BWT		WWT		YWT		MILK	
10.9	0.43	0.9	0.47	95.3	0.45	151	0.44	20.1	0.21

MARB		RE		ST		API	TI
0.51	0.45	1	0.46	14	0.27	146.2	94.5

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	80	754	1.4	13.31	0.12		52	36.4	1384
RATIO									113

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1060	52	1487	3.81 / 100	3.64 / 110	113	0.51

Retaining ½ semen interest

73 AK/NDS RELENTLESS

12-19-2020 | Bull 3870641 | Tattoo: 120H

SimAngus/JR | **AK/NDS**

W/C RELENTLESS 32C
3045559
YARDLEY UTAH Y361
MISS WERNING KP 8543U

WOOD EMBLYNETTE 302
3415862
S A V PRIDE MOUNTAIN 1333
S A V EMBLYNETTE 4391

EPDs

CED		BWT		WWT		YWT		MILK	
12.9	0.39	1.8	0.42	74.9	0.42	112.2	0.42	15.1	0.16

MARB		RE		ST		API	TI
0.52	0.38	0.55	0.45	12.3	0.24	133.2	79.4

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	74	726	2.69	14.34	0.39		52	43.2	1357
RATIO									100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
855	50	1347	4.39 / 100	3.82 / 100	100	-4.96

74 AK/NDS COUNTY O 150F

12-24-2020 | Bull 3914584 | Tattoo: 150H

Simmental/JR | **AK/NDS**

GEFF COUNTY O
3289219
W/C LOADED UP 1119Y
RUBY NFF RHYTHM 475B
W/C RELENTLESS 32C

WLK WAFFLES 196F
3550023
BW/WW PEP PAYS 27Z

EPDs

CED		BWT		WWT		YWT		MILK	
7	0.41	3.3	0.44	80.1	0.42	116.8	0.42	18.4	0.14

MARB		RE		ST		API	TI
-0.11	0.42	1.17	0.45	11.1	0.3	100.3	70.7

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	85	816	2.05	15.32	0.22		51	36.4	1259
RATIO									104

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
700	49	1112	3.68 / 101	3.17 / 99	104	0.49

77 AK/NDS FIREMAN 90H

09-21-2020 | Bull 3870633 | Tattoo: 90H

Simmental/SR | **AK/NDS**

LLSF VANTAGE POINT F398 3492381	CCR ANCHOR 9071B
	HPF RITE 2 LUV 398D
AK/NDS GIRL ON FIRE 2958263	REMINGTON LOCK N LOAD54U
	BPCC BOBBI DILLON 192W

EPDs

CED	BWT	WWT	YWT	MILK
11.5 0.39	2.7 0.43	84.6 0.41	130.5 0.41	20.2 0.13

MARB	RE	ST	API	TI
0.09 0.39	1.14 0.42	10.8 0.27	120.8	80.5

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	71	789	1.71	16.86	0.19		52	36.7	1294
RATIO									101

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1145	53	1665	4.64 / 123	3.77 / 108	101	-5.18

78 WOODLAWN VENGENCE

09-12-2020 | Bull 3865877 | Tattoo: 71H

Simmental/SR | **Woodlawn LLC**

	NF TRUMP S582
CDI AUTHORITY 77X 2595674	CDI MS CROCKET 88T
	HTP SVF IN DEW TIME
HPF MISTI U353 2476834	SS U-NIGHTS MISTI M706M

EPDs

CED	BWT	WWT	YWT	MILK
9.3 0.43	2.6 0.47	76 0.47	111 0.46	22 0.24

MARB	RE	ST	API	TI
0.06 0.46	0.83 0.48	14.2 0.34	117.8	73.6

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	74	790	1.74	12.92	0.15		51	38.2	1218
RATIO		111							95

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1098	52	1455	3.19 / 85	3.23 / 93	95	-1.01

79 WOODLAWN BUSTER

09-14-2020 | Bull 3865872 | Tattoo: 686H

Simmental/SR | **Woodlawn LLC**

	ES BUCKSHOT BT51-2
JMG VOYAGER4242D 3249290	JMG MISS 249Z
	MVS MAXIMUS
MVS MISS MAXIMUS 2829978	MVS LOOKY ME NOW Y12

EPDs

CED	BWT	WWT	YWT	MILK
8.7 0.25	3.6 0.34	87.5 0.3	140.3 0.3	24.4 0.13

MARB	RE	ST	API	TI
-0.11 0.24	1.12 0.28	18.3 0.14	121.9	76.6

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	76	786	1.34	15.35	0.3		50	39.8	1447
RATIO		115							113

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
1318	51	1707	3.48 / 92	3.95 / 113	113	-2.78

81 SHADY DIVIDEND 20H

12-26-2020 | Bull 3897178 | Tattoo: 20H

Simmental/JR | **Shady River Farms**

	CLRS AFTER SHOCK 604 A
CLRS DIVIDEND 405D 3097854	CLRS BONNIA 405 B
	MR NLC UPGRADE U8676
SHADY DREAM 23B 2951095	HAINES COW N19S

EPDs

CED	BWT	WWT	YWT	MILK
7.5 0.41	3.5 0.45	80.7 0.44	115.8 0.44	16.7 0.2

MARB	RE	ST	API	TI
0.11 0.43	0.89 0.46	12.2 0.32	115	76.3

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	68	643	2.44	13.16	0.26		50	37.1	1157
RATIO		112							96

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
715	48	1117	3.59 / 99	3.23 / 101	96	-0.13

83 MISTY HILL TAHOE 182F

11-12-2020 | Bull 1502848 | Tattoo: 192H

Balancer/SR | **Misty Hill Farm**

TEHAMA TAHOE B767
17817177

TEHAMA UPWARD Y238
TEHAMA MARY BLACKBIRD Y684

MISTY HILL BLACK IMPACT 148A
1453474

BLACK IMPACT 3960N
MISTY HILL LAZY TV SAMMY

EPDs

CED		BWT		WWT		YWT		MILK	
17	0.44	-2.2	0.46	74	0.44	115	0.43	24	0.19
MARB		**RE**		**ST**		**YG**		**FPI**	
0.48	0.43	0.88	0.46	13	0.24	-0.1	0.38	89.38	

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	82	748	1.85	14.79	0.37		46.5	38.4	1137
RATIO		101							100

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
870	48.5	1352	4.3 / 100	3.36 / 100	100	0.26

84 MISTY HILL TAHOE 178F ELITE

11-13-2020 | Bull 1502850 | Tattoo: 194H

Balancer/JR | **Misty Hill Farm**

TEHAMA TAHOE B767
17817177

TEHAMA UPWARD Y238
TEHAMA MARY BLACKBIRD Y684

BMHF MISTY HILL LIFELINE 654D
1453484

EGL EGL LIFELINE B101
TJB BLACKCAP 823T 654D ET

EPDs

CED		BWT		WWT		YWT		MILK	
17	0.44	-0.5	0.47	86	0.46	136	0.46	23	0.2
MARB		**RE**		**ST**		**YG**		**FPI**	
0.46	0.45	0.56	0.47	12	0.24	-0.01	0.38	93.82	

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	88	820	2.11	14.39	0.49		49	39.4	1364
RATIO		110							109

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
888	49	1310	3.77 / 108	3.36 / 107	109	-0.35

86 MISTY H BLACK IMPACT 654D

11-15-2020 | Bull 1502852 | Tattoo: 197H

Balancer/JR | **Misty Hill Farm**

HYEK BLACK IMPACT 3960N
844875

HYEK BLACK IMPULSE 1296L
HYEK BLACK RUBY 9604J

TJB BLACKCAP 823T 654D ET
1384047

TAU OUTRIGHT 162A
TJB BLACKCAP B042 823T ET

EPDs

CED		BWT		WWT		YWT		MILK	
15.8	0.42	-1.5	0.46	64	0.45	98	0.45	22	0.21
MARB		**RE**		**ST**		**YG**		**FPI**	
0.21	0.41	0.79	0.45	17.9	0.32	-0.28	0.37	76.26	

PERFORMANCE

TRAIT	BW	205 WT	UIMF	UREA	UFAT	URMP	YR HT	ADJ SC	365 WT
VALUE	72	714	1.94	13.97	0.29		49	32.5	1147
RATIO		96							91

TEST PERFORMANCE

ON WT	OFF-HT	OFF-WT	TEST ADG / RATIO	TEST WDA / RATIO	TEST YW RATIO	RFI Daily
776	49	1135	3.21 / 92	2.93 / 93	91	-1.17

Boehringer Ingelheim

My Fellow Cattle Producers,

I would personally like to invite you to attend the SC Cattlemen's Association's Business meeting and Trade Show this coming Feb 4th, 2022. This event will be held in conjunction with the Clemson University Annual Bull and Heifer sale at the T. Ed Garrison Livestock Complex. The open registration will start at approximately 8:30 am on Friday the 4th of February and the event will end with the Bull Test / SCCA Awards and Scholarship Banquet that Friday evening. The event will include a short business meeting, sessions on cattle management, NCBA updates/along with partner reports, pesticide credit, forage presentations, trade show and banquet. Speakers will be posted along with a full agenda on the South Carolina Cattlemen's Association WEB site. I hope you can attend this event and view the bulls and heifers that will be offered on Saturday at noon. Please contact Travis Mitchell, Executive Director of the South Carolina Cattlemen's Association at 803-609-2828 or email him at twmitch@clemson.edu for additional meeting information or questions. For information concerning the bull sale, you can contact Dr. Steve Meadows at 864-633-9970. The agenda and registration information has also been distributed to your local County Extension Agent, so they can assist with questions about the conference as well.

Respectfully,
Roscoe Kyle, President SCCA.

AMERICAN ANGUS ASSOCIATION SELECTION TOOLS

Expected Progeny Difference (EPD), is the prediction of how future progeny of each animal are expected to perform relative to the progeny of other animals listed in the database. EPDs are expressed in units of measure for the trait, plus or minus.
Accuracy (ACC), is the reliability that can be placed on the EPD. An accuracy of close to 1.0 indicates higher reliability. Accuracy is impacted whether the animal has a genotype and the number of progeny and ancestral records included in the analysis.
Calving Ease Direct (CED), is expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers. It predicts the average difference in ease with which a sire's calves will be born when he is bred to first-calf heifers.
Birth Weight (BW), expressed in pounds, is a predictor of a sire's ability to transmit birth weight to his progeny compared to that of other sires.
Weaning Weight (WW), expressed in pounds, is a predictor of a sire's ability to transmit weaning growth to his progeny compared to that of other sires.
Residual Average Daily Gain (RADG), 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.
Yearling Weight (YW), expressed in pounds, is a predictor of a sire's ability to transmit yearling growth to his progeny compared to that of other sires.
Yearling Height (YH), is a predictor of a sire's ability to transmit yearling height, expressed in inches, compared to the that of other sires.
Scrotal Circumference (SC), expressed in centimeters, is a predictor of the difference in transmitting ability for scrotal size compared to that of other sires.

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

CARCASS
Marbling (Marb), is expressed as a fraction of the difference in USDA marbling score of a sire's progeny compared to progeny of other sires.
Ribeye Area (RE), expressed in square inches, is a predictor of the difference in ribeye area of a sire's progeny compared to progeny of other sires.

$VALUE INDEXES
$Value Indexes, reported in dollars per head, are multi-trait economic selection indexes where a higher values suggest more profit when comparing two individuals.
Weaned Calf Value ($W), expressed in dollars per head, provides the expected difference in future progeny preweaning performance from birth to weaning.
Beef Value ($B), expressed in dollars per carcass, represents the expected average differences in the progeny postweaning performance and carcass value compared to progeny of other sires. This index assumes commercial producers wean all male and female progeny, retain ownership of these animals through the feedlot and sell on a carcass merit grid.

AMERICAN SIMMENTAL ASSOCIATION SELECTION TOOLS

Expected Progeny Differences (EPDs): EPDs are the most accurate and effective tool available for comparing genetic levels. In using EPDs, the difference between two sires' EPDs represents the unit difference expected in the performance of their progeny. For example, if sires A and B have EPDs of +10 and –5, a 15-unit difference would be expected in their progeny (moving from -5 to +10 yields 15 units). Key to using EPDs is knowing what units they are expressed in. For example, if the above case referred to weaning weight EPDs, A would be expected to sire 15-pounds more weaning weight than B. If calving ease were the trait, A would be expected to sire 15-percent more unassisted births in first-calf heifers; in other words, if B sired 30 assists in a group of 100 heifers, we'd expect A to require 15 assists. A percentile-ranking chart is required to determine where a bull's EPDs rank him relative to other bulls in the breed. For percentile rankings or more detailed information about EPDs and $ indexes visit www.simmental.org. Listed below are the units ASA EPDs are expressed in:
All-Purpose Index (API): Dollars per cow exposed under an all-purpose-sire scenario. (See below for more details.)
Birth Weight (BW): Pounds of birth weight.
Calving Ease (CE): Percent of unassisted births when used on heifers.
Milk (MLK): Pounds of weaning weight due to milk.
Marbling (MRB): Marbling score.
Ribeye Area (REA): Square inches of ribeye. Warner-Bratzler
Stayability (STAY): Percent of daughters remaining in the cowherd at 6 years of age.
Terminal Index (TI): Dollars per cow exposed under a terminal-sire scenario. (See below for more details.)
Weaning Weight (WW): Pounds of weaning weight.
Yearling Weight (YW): Pounds of yearling weight.

$ Indexes: Though EPDs allow for the comparison of genetic levels for many economically important traits, they only provide a piece of the economic puzzle. That's where $ indexes come in. Through well-conceived, rigorous mathematical computation, $ indexes blend EPDs and economics to estimate an animal's overall impact on your bottom line. The same technology that led to the dramatic progress in swine, poultry and dairy genetics over the last several decades was used to develop the following $ indexes:
All-Purpose Index (API): Evaluates sires for use on the entire cow herd (bred to both Angus first-calf heifers and mature cows) with the portion of their daughters required to maintain herd size retained and the remaining heifers and steers put on feed and sold grade and yield.
Terminal Index (TI): Evaluates sire for use on mature Angus cows with all offspring put on feed and sold grade and yield.
Using API and TI: First, determine which index to use; if you're keeping replacements use API, if not, TI. Then, just as with EPDs, zero in on the unit difference between bulls. (As described above, index units are in dollars per cow exposed.) The difference can be used to determine how much a bull is worth compared to another. Or, put another way, how much you can pay for one bull compared to another. For example, when buying an all-purpose-type sire, you can quickly figure a bull scoring +100 for API is worth an extra $6,000 over a +50 bull if both are exposed to 30 cows over 4 years ($50 diff. x 30 hd. x 4 yr. = $6,000). A percentile-ranking chart is required to determine where a bull's index value ranks him relative to other bulls in the breed. For percentile rankings or more detailed information about EPDs and $ indexes visit www.simmental.org.

AMERICAN GELBVIEH ASSOCIATION SELECTION TOOLS

EPD DEFINITIONS
Listed below are the definitions of American Gelbvieh Association EPDs and the units in which they are published. The EPDs with an asterisk (*) next to the name are available to members only.

Maternal traits
Calving ease direct (CED): Percent of unassisted births of a bull's calves when he is used on heifers. A higher number is favorable, meaning better calving ease. This EPD can be vital to a rancher looking to decrease the amount of calves pulled in his herd.
Milk (Milk): The genetic ability of a sire's daughters to produce milk expressed in pounds of weaning weight.
Stayability (ST): Predicts the genetic difference, in terms of percent probability, that a bull's daughters will stay productive within a herd to at least six year of age. The stayability EPD is one of the best measures currently available to compare a bull's ability to produce females with reproductive longevity.

Growth traits
Birth weight (BW): Predicts the difference, in pounds, for birth weight of the calf.
Weaning weight (WW): Predicts the difference, in pounds, for weaning weight (adjusted to age of dam and a standard 205 days of age). This is an indicator of growth from birth to weaning.
Yearling weight (YW): Predicts the expected difference, in pounds, for yearling weight (adjusted to a standard 365 days of age). This is an indicator of growth from birth to yearling.

Carcass traits
Yield grade (YG): Differences in yield grade score, which is a predictor of percent retail product. Smaller values suggest that progeny will have a better lean to fat ratio.
Ribeye area (REA): Differences in ribeye area in inches between the 12th and 13th rib. Greater ribeye areas are preferable.
Marbling (MB): Predicts the differences in the degree of marbling within the ribeye as expressed in marbling score units. Greater marbling numbers are preferable and are an indicator of higher carcass quality grades.
***Average daily gain (ADG):** Difference in average daily gain in pounds based on an animal's performance during a feed intake test period.
***Residual feed intake (RFI):** Defined as the difference between an animal's actual daily feed intake and its predicted daily intake based on growth rate and body size. Animals with a positive RFI value are deemed more inefficient because they consume more than expected while animals with a negative RFI value are considered more efficient because they consume less than expected.

Indexes
Indexes are tools that allow producers to select for several EPDs at once, making selections more efficient than selecting on one trait at a time. Indexes weigh traits based on their importance to a producer's bottom line by using a trait's economic and genetic value. Indexes are a good way to put selection emphasis on traits that are economically relevant.
FPI™ which stands for feeder profit index: An economic selection index designed to aid producers in selecting sires whose progeny will perform in the feedlot and are sold on a grade and yield standpoint. Well ranking sires for FPI have higher marbling and carcass weight than their contemporaries. As a terminal index, little emphasis is put on maternal traits such as stayability and calving ease.

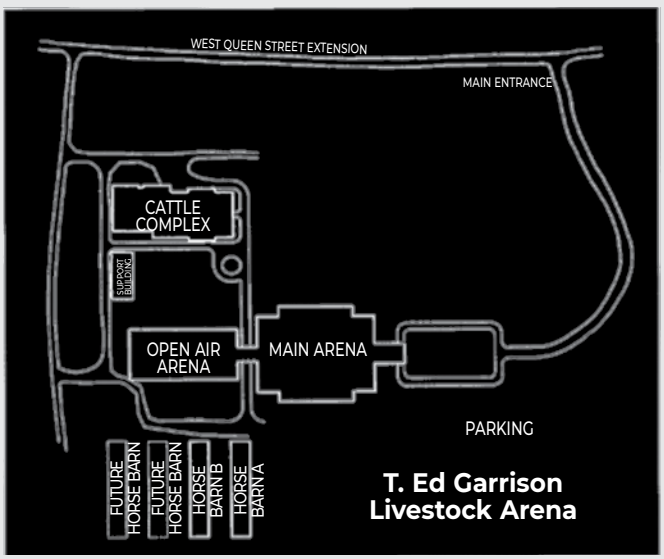
AMERICAN HEREFORD ASSOCIATION SELECTION TOOLS

Understanding Hereford EPDs
The American Hereford Association (AHA) currently produces expected progeny differences (EPDs) for 17 traits and calculates three profit indexes. AHA's genetic evaluation makes use of a Marker Effects Model that allows the calculation of EPDs by incorporating the pedigree, phenotypic and genomic profile of an animal. Animals that have a genomic profile will be denoted with a GE-EPD logo.
The current suite of Hereford EPDs and profit indexes includes:
Calving Ease — Direct (CE)
CE EPD is based on calving ease scores
and birth weights and is measured on a percentage. CE EPD indicates the influence of the sire on calving ease in females calving at 2 years of age. For example, if sire A has a CE EPD of 6 and sire B has a CE EPD of -2, then you would expect on average, if comparably mated, sire A's calves would have an 8 percent more likely chance of unassisted calving when compared to sire B's calves.
Birth Weight (BW)
BW EPD is an indicator trait for calving ease and is measured in pounds. For example, if sire A has a BW EPD of 3.6 and sire B has a BW EPD of 0.6, then you would expect on average, if comparably mated, sire A's calves would come 3 lb. heavier at birth when compared to sire B's calves. Larger BW EPDs usually, but not always, indicate more calving difficulty. The figure in parentheses found after each EPD is an accuracy value or reliability of the EPD.
Weaning Weight (WW)
WW EPD is an estimate of pre-weaning growth that is measured in pounds. For example, if sire A has a WW EPD of 60 and sire B has a WW EPD of 40, then you would expect on average if comparably mated, sire A's calves would weigh 20 lb. heavier at weaning when compared to sire B's calves.
Yearling Weight (YW)
YW EPD is an estimate of post-weaning growth that is measured in pounds. For example, if sire A has a YW EPD of 100 and sire B has a YW EPD of 70, then you would expect on average if comparably mated, sire A's calves would weigh 30 lb. heavier at a year of age when compared to sire B's calves.
Scrotal Circumference (SC)
Measured in centimeters and adjusted to 365 days of age, SC EPD is the best estimate of fertility. It is related to the bull's own semen quantity and quality, and is also associated with age at puberty of sons and daughters. Larger SC EPDs suggest younger age at puberty. Yearling sons of a sire with a 0.7 SC EPD should have yearling scrotal circumference measurements that average 0.7 centimeters (cm) larger than progeny by a bull with an EPD of 0.0 cm.
Maternal Milk (MM)
The MM EPD of a sire's daughters is expressed in pounds of calf weaned. It predicts the difference in average weaning weights of sires' daughters' progeny due to milking ability. Daughters of the sire with a +14 MM EPD should produce progeny with 205-day weights averaging 24 lb. more (as a result of greater milk production) than daughters of a bull with a MM EPD of -10 lb. (14 minus -10.0 = 24 lb.). This difference in weaning weight is due to total milk production during the entire lactation.
Ribeye Area (REA)
REA EPDs reflect differences in an adjusted 365-day ribeye area measurement based on carcass measurements of harvested cattle. Sires with relatively higher REA EPDs are expected to produce better-muscled and higher percentage yielding slaughter progeny than will sires with lower REA EPDs. Ultrasound measurements are also incorporated into this trait and have been shown to be highly correlated with the performance of slaughter progeny. All data is expressed on a carcass scale.
Marbling (MARB)
MARB EPDs reflect differences in an adjusted 365-day marbling score (intramuscular fat, [IMF]) based on carcass measurements of harvested cattle. Breeding cattle with higher MARB EPDs should produce slaughter progeny with a higher degree of IMF and therefore higher quality grades. Ultrasound measurements are also incorporated into this trait and have been shown to be highly correlated with the performance of slaughter progeny. All data is expressed on a carcass scale.
Baldy Maternal Index (BMI$)
The BMI$ is a maternally focused index that is based on a production system that uses Hereford x Angus cross cows. Progeny of these cows are directed towards Certified Hereford Beef. This index has significant weight on Sustained Cow Fertility, which predicts fertility and longevity of females. There is a slightly positive weight on Weaning Weight, Mature Cow Weight and Milk which accounts for enough growth but ensures females do not increase inputs. There is some negative emphasis on Dry Matter Intake, but a positive weighting on Carcass Weight which is anticipated to provide profitability from finishing of non-replacement females and castrated males. Marbling and Rib-eye Area are also positively weighted to keep the harvested progeny successful for CHB. This index is geared to identify Hereford bulls that will be profitable when used in a rotational cross with mature commercial Angus cows.
Brahman Influence Index (BII$)
The BII$ is a maternally focused index that is based on a production system that uses Brahman x Hereford cross cows. Progeny of these cows are directed towards a commodity beef market since Certified Hereford Beef© does not accept Brahman influenced cattle. This index has significant weight on Sustained Cow Fertility, which predicts fertility and longevity of females. There is a slightly positive weight on Weaning Weight, Mature Cow Weight and Milk which accounts for enough growth but ensures females do not increase inputs. There is some negative emphasis on Dry Matter Intake, but a positive weighting on Carcass Weight which is anticipated to provide profitability in finishing non-replacement females and castrated males. Marbling and Rib-eye Area are also positively weighted to keep harvested progeny successful for a variety of commodity based programs. This index targets producers that use Hereford bulls on Brahman influenced cows.
Certified Hereford Beef Index (CHB$)
CHB$ is a terminal sire index that is built on a production system where Hereford bulls are mated to mature commercial Angus cows and all progeny will be targeted for Certified Hereford Beef© after the finishing phase. This index has significant weight on Carcass Weight to ensure profit on the rail. As well there is a positive weighting for Average Daily Gain along with a negative weighting on Dry Matter Intake to ensure efficient pounds of growth in the finishing phase. Keep in mind, this production system takes advantage of complimentary breeding with the commercial Angus cow. Although Marbling is weighted positively in this index, a positive weighting for Rib-eye Area and a negative weighting for Back Fat are a greater priority in this index to allow for optimum end-product merit. This is the only index that has no emphasis on fertility. Remember that no replacement heifers are being retained.

AMERICAN RED ANGUS ASSOCIATION SELECTION TOOLS

Calving Ease — Direct (CE)
Calving Ease Direct predicts differences in the percent of calves born unassisted out of 2-year-old dams. (Percent/High Value)
Birth Weight (BW)
Birth Weight predicts differences in actual birth weight of progeny. (Pounds/Low Value)
Weaning Weight (WW)
Weaning Weight predicts differences in 205-day weaning weight. (Pounds/High Value)
Yearling Weight (YW)
Yearling Weight predicts differences in 365-day yearling weight. (Pounds/High Value)
Average Daily Gain (ADG)
Average Daily Gain predicts differences in weight gain between 205 and 365 days of age. (Pounds/High Value)
Dry Matter (DMI)
Dry Matter Intake predicts differences in daily feed intake as measured in a feedlot during the post-weaning period. (Pounds/Low Value)
Maternal Milk (MM)
Milk predicts differences in weaning weight attributed to the milking ability of the animal's daughters. (Pounds/High Value)
Heifer Pregnancy (HPG)
Heifer Pregnancy predicts differences in the percent of daughters who are able to conceive and calve at 2 years of age following exposure to breeding. (Percent/High Value)
Stayability (STAY)
Stayability predicts differences in the ability of an animals' retained daughters to remain productive in the herd – calve every year – through 6 years of age. (Percent/High Value)

Marbling (MARB)
Marbling predicts differences in marbling score – amount of intramuscular fat measured at the 13th rib. (Marbling Score Units/High Value)
Carcass Weight (CW)
Carcass Weight predicts differences in actual hot carcass weight. (Pounds/High Value)
Ribeye Area (REA)
Ribeye Area predicts differences in square inches of ribeye area measured at the 13th rib.(Square Inches/High Value)
Fat (FAT)
Fat predicts differences in the depth of backfat measured between the 12th and 13th ribs. (Inches/Low Value)
HerdBuilder (HB)
HerdBuilder is a maternal selection index that predicts the economic differences of animals for traits that are important from conception through weaning. Expressed as dollars per head born, HB is calculated based on the scenario that bulls are mated to heifers and cows, replacement heifers are retained and all remaining progeny are marketed at weaning. Traits included in the HB index include Calving Ease Direct, Calving Ease Maternal, Weaning Weight, Milk, Mature Weight, Heifer Pregnancy and Stayability (Index/High Value).
GridMaster (GM)
GridMaster is a selection index that predicts the average economic difference of non-replacement calves through the postweaning phase of production. GM places selection pressure on growth, feedyard performance and carcass traits. Expressed as dollars per head born, GM is calculated based on the scenario that progeny are fed out to slaughter and marketed on a quality-based carcass grid. Traits included in GM include Average Daily Gain, Carcass Weight, Dry Matter Intake, Marbling, Back Fat and Rib Eye Area (Index/High Value).



SOUTH CAROLINA CATTLEMEN'S ANNUAL MEETING 2022 PRELIMINARY AGENDA

THURSDAY, FEBRUARY 3, 2022

Time: TBD: Vendor Set Up and Social

FRIDAY, FEBRUARY 4, 2022

8:30-10:00 am:	Registration, coffee with cattlemen, and trade show
10:00-10:30 am:	South Carolina Cattlemen's Association Annual Business Meeting and Introductions
10:30-Noon:	Beef Cattle Management Topic, Speaker TBD
12:00-1 :00 pm:	Lunch with Extension Update, Speaker TBD
1:00-1 :30 pm:	Trade Show Break
1 :30-2:30 pm:	NCBA Updates & Partner Updates, Speaker TBD
2:30-3:00 pm:	Trade Show Break and Ice Cream
3:00-4:00 pm:	Private Pesticide License Recertification Credit, Speaker TBD
4:00-4:30 pm:	Beef Cattle Management Breakout Sessions • Bull Sale featuring speakers Dr. Steve Meadows and Dr. Brian Bolt • Forages featuring speaker Dr. Liliane Severino da Silva
4:30-6:00 pm:	Trade show break with opportunity to view bulls
6:00-8:00 pm:	Joint SCCA Awards and Clemson Bull Test Banquet

CLEMSON
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103 Barre Hall, Clemson University
Clemson, SC 29634

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2022 CLEMSON

EXTENSION BULL TEST PROGRAM

Angus • Balancers • Hereford • Red Angus • Simmental • SimAngus

2022 CLEMSON HEIFER SALE

20 Plus Open Heifers Ready to Breed!

Saturday, February 5, 2022 at Noon

Please join us Friday afternoon prior to the sale for the "Consignors and Cattlemen's Appreciation and Awards Program."
Viewing of bulls and heifers after 3 P.M.
with awards dinner to follow at 6 P.M.

Saturday · **February 5, 2022** · Noon

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