

Nomination and Entry Information/Requirements

Nominations are made by filling out the online nomination form available at:

<https://www.clemson.edu/extension/bulltest/>

The nomination fee of \$75 is due upon delivery of the heifer to the test facility and this will be applied toward the cost of evaluation. Nominations must be received by the entry deadline. We have space this year for 80 heifers.

Heifers must meet the following requirements:

- 1) Heifers may be registered or commercial. Registered heifers must have a registration number with them at delivery and original registration paper must be delivered to EREC before the heifers sell. The only exception will be those consignors utilizing electronic registration paper storage some breeds now offer.
- 2) Heifers must be home-grown.
- 3) Heifers must have known breed of sire. Actual sire (with registration number) is preferred, but not required.
- 4) Actual birth dates are preferred. If actual birth date is not known, then month of birth is required (birth date will be listed as the 15th; e.g. heifers born in October will be listed as October 15).
- 5) Heifers should weigh, when delivered in December, a minimum of 700 lbs. A reasonable transit weight loss will be permitted.
- 6) In Late January reproductive tract scores, weights, pelvic areas, and disposition scores are collected. Heifers must be cycling and have an acceptable Reproductive Tract Maturity Score and pelvic area to continue in the program.
- 7) Heifers must be identified with a farm tag and or tattoo at delivery. Tattoo is preferred but not mandatory. Registered heifers must be tattooed by delivery.
- 8) Heifers must be structurally sound and show evidence of good growth potential.
- 9) A maximum of ten heifers per consignor will be accepted unless additional space is available and priority for space will be given to South Carolina residents and previous/current consignors to the Edisto Bull Test Program. If space is available, the program is open to any state.

- 10) The state of South Carolina is brucellosis and tuberculosis-free; therefore, brucellosis and tuberculosis tests are no longer necessary. However, all heifers must be in good health and accompanied by a valid health certificate. Non-resident consignors should contact their local or state veterinarian for interstate permit and any additional health requirements.
- 11) It is preferred that heifers come with a USDA compliant 840 Electronic ID at delivery. Any heifers arriving without an 840 EID will be tagged at check in. EIDs should be placed in the left of the heifer.
- 12) The following preconditioning should be done at least 4 weeks prior to delivery:
 - i. Dehorned and healed
 - ii. Dewormed
 - iii. Weaned and started on feed
 - iv. Vaccinated for: IBR/BVD/PI3/BRSV; 7-Way Blackleg; 5-Way Lepto; Pasturella Toxoid Vaccine; Pinkeye
- 13) The health program is extremely important. Immunity is established only if calves are vaccinated with minimum stress. For best protection, the above series of vaccinations is given 30-60 days prior to weaning and repeated at weaning.
- 14) After arrival at the test station, heifers will be tested for Persistently Infected - BVD. Any heifers found to be positive will be removed from the program. It is strongly recommended that any PI-BVD positive animal be sent to a "slaughter" market by the owner.
- 15) DNA samples will be taken, and genomic testing will be performed on the heifers using genomic tests currently available for beef cattle through Neogen. Results will be incorporated into the sale catalog to assist buyers in selection and as a "teachable moment" for both sellers and buyers. DNA samples will be retained for use in future reproductive efficiency studies/trials.
- 16) In order to sell heifers must be pregnant. Heifers open at the final preg check will be sent some or sold to slaughter depending on owner's wishes.
- 17) Sale order will determined using a multi-trait selection formula based on genomic test score results and pregnancy results (AI or natural service).

ENTRY & DELIVERY DATES

Birth Dates: Sep. 1, 2019 - Jan. 31, 2020
Online Entry Deadline: November 1, 2020
Delivery Date: December 8, 2020
Sale Date: May 15, 2021

Clemson University – Edisto REC Heifer Development Program - 2021

Calendar – 2020-2021

Prior to November 2020	Heifers must be weaned, dehorned, dewormed, vaccinated for IBR, BVD, PI3, BRSV, 7- way Blackleg, 5-way Lepto, Pasteurella, Pinkeye, and started on feed.
December 8, 2020	Heifers delivered/check in. Ear tags inserted ID each heifer. Tissue samples are taken for testing for BVD-PI and Genomic Testing via the Allflex TSU system. Booster vaccinations for IBR, BVD, PI3, BRSV, 7-way Blackleg, and 5-way Lepto-Vibrio. Heifers are dewormed and given an intranasal vaccine for Pasturella Record weights and disposition scores.
Early January 2021	Weights and hip heights are recorded. Heifers are re-vaccinated for IBR, BVD, PI3, BRSV, 5-way Lepto-Vibrio, and 7-way Blackleg.
Last Week Jan 2021	Reproductive tract scores, weights, pelvic areas, and disposition scores are collected. Heifers must be cycling and have an acceptable Reproductive Tract Maturity Score to continue in the program. CIDRs are inserted and GNRH given.
First Week Feb 2021	CIDRs are removed. PGF Given - Weights
54 Hrs. Later	Time breed all heifers; GnRH is injected.
Last Week of Feb 2021	Cleanup bulls are placed with the heifers.
Late March 2021	Heifers are weighed, measured for hip heights, given disposition scores, graded by three different individuals; blood is pulled to determine which heifers settled AI.
April 2021	Cleanup bulls are removed - 45 days with the heifers
May 2021	Final pregnancy check on the heifers. (31 days after bull removal)
May 15, 2021	Sale