

RED  ANGUS
RANCH TESTED. RANCHER TRUSTED.

How-To Guide

18335 E 103rd Ave • Suite 202 • Commerce City, CO 80022 • (940) 387-3502 • Fax 888-829-6069

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MEMBERSHIP OPTIONS

There are three types of membership in the Red Angus Association of America:

- **Junior**

Under 21 years old.

Will register cattle with RAAA

No voting privileges

**Members between 18 and 21 have the option of choosing between a Regular membership and a Junior membership. At age 21, junior members must apply for either an associate or regular membership.*

- **Associate**

18+ years old

Will not register cattle with RAAA

No voting privileges.

Vested interest in the breed

- **Regular**

21+ years old

Will register cattle with RAAA

All voting privileges of membership

MEMBER PARTICIPATION REQUIREMENTS

APPLICATION FEE

ANNUAL DUES

THR ASSESSMENTS

ANIMAL REPORTING

ABIDE BY THE RAAA CONSTITUTION AND BYLAWS, and the RULES AND REGULATIONS

RESPONSIBILITIES OF REGULAR AND JUNIOR MEMBERSHIPS

To remain a Regular member of the RAAA, you must maintain at least one female on active inventory and maintain a current dues status. **Memberships with unpaid fees 30 days past due will be suspended. Memberships with unpaid fees 120 days past due will be inactivated.** You must also abide by the *Constitution and By-Laws* and the *Rules and Regulations*. Failure to comply with the rules set forth in these documents may be grounds for suspension and/or expulsion from the RAAA. (See Article IX of the **By-Laws**.)

TRANSFER OF MEMBERSHIP

A membership is transferable in accordance with Section A (6) of the Rules and Regulations of the RAAA.

PRIVILEGES OF BEING A MEMBER

Regular or Life Members

- Able to register and record all qualified animals in the **RAAA Database**.
- Receive access to complete performance programs.
- Participate in National Cattle Evaluation (NCE).
- Able to cast one vote per membership at RAAA annual meeting (must be in attendance).
- Participate at all membership meetings and in Association programs.
- Subscription to *The Red Angus Magazine*.
- Eligible to participate in RAAA committees and to run for Board or Directors.
- Online access to **RAAA Database**, REDSPro.

Junior Member

- Able to register and record all qualified animals in the **RAAA Database**.
- Receive access to complete performance programs.
- Participate in National Cattle Evaluation (NCE).
- Receive the Junior Newsletter, **The Red Generation**.
- Subscription to *The Red Angus Magazine* and *Buckle and Banner*, unless requested otherwise.
- Able to vote and hold office in the Junior Red Angus Association of America.
**Voting privileges are limited to the Junior Association.*
- Online access to **RAAA Database**, REDSPro.
- Does not have to have an active cow on inventory in order to be in good standing.

Associate Member

- Subscription to *The Red Angus Magazine*.
- Can record cattle under the compute (C) option.
- **May not vote or register cattle with the RAAA.**

HOW TO BECOME A MEMBER

Complete the **Membership Application** form available online or request an application packet. The two most important pieces of information on the application form are your **Membership Name** and your **Herd Prefix**.

MEMBERSHIP NAME

First you must decide on a name for your membership. You may be a member as an individual, or you may have a joint membership with one or more family members or other individuals, or as a company. Applications submitted without a membership name will default to individual names.

**A membership name may be changed at a later date upon written request or by logging into REDSPro, My Account tab, Update Account.*

HERD PREFIX

Please list a herd prefix that will be unique to your membership for the lifetime of the account. This sequence may be up to 5 characters of numbers and letters, but must end in a letter. Herd prefixes are unique to each account and may only be assigned on availability. You will use this herd prefix at time of registration for an animal as part of the animal's permanent identification (ie: animal ear tattoo). Once a herd prefix is used for the registration of an animal, the herd prefix cannot be changed.

Herd Prefix Example: If the ranch name is 123 Red Angus, the herd prefix could be 123RA or 12RA.

DATE OF BIRTH

Only junior members are required to include their date of birth. Juniors age out on their 21st birthday.

MEMBERSHIP FEE

Pay the required membership fee at time of membership application.

DUES

Members will be assessed annual dues each July. Dues are assessed to Regular, Associate and Junior members.

ANIMAL ASSESSMENTS

Regular and Junior Members will be assessed each year for every **female** on their **Active Inventory**, in accordance with the Association's **Total Herd Reporting** policies.

SIGN THE APPLICATION

By signing the application, you agree to abide by the Rules and Regulations and By-Laws of the Association and to release all animal data collected by the Association for use in breed-related evaluations and programs. The owner or authorized representative (the Association will only communicate with authorized representatives) of the Membership must sign the application.

CONTACT INFORMATION

Name, Phone Number, Address, and E-Mail may be utilized for marketing and other purposes, at the discretion of RAAA. This can be updated under the My Account tab in REDSPro.

HOW TO READ YOUR STATEMENT

The **Statement of Account** is a summary of all new and unpaid work completed for your account. A **Statement of Account** is sent at the end of each month to all accounts carrying a positive or negative balance. The last day of each month is the closing date for that month. Any payments, work requests or jobs not received or completed by the closing date will appear on the following month's **Statement of Account**. The **Statement of Account** is printed on green paper and mailed and is also emailed to the email address on file.

Your account balance can be paid anytime online with a credit card or eCheck. Login to REDSPro, under the My Account tab select Billing/Payment then click Pay Account Balance button. RAAA accepts all credit cards besides American Express. There will be a 3% processing fee associated with any card payments online or over the phone. This fee will be calculated based on the amount being paid. Mailed checks and eCheck are accepted and will not accrue any fees.

STATEMENT EXAMPLE AND KEY



Red Angus Association of America
18335 E. 103rd Avenue, Suite 202
Commerce City, CO 80022-3103
(940) 387-3502 - FAX (888) 829-6069

4 Red Angus Ranch
123 Red Cow Drive
Beeftown, USA 77777

| | | | |
|---|----------------|----------------|---|
| 1 | Statement Date | Account Number | 2 |
| | 07-31-2022 | 023043 | |

STATEMENT OF ACCOUNT

3 **Total Due: \$ 1850.00**

5 Check No.: _____
Date Paid: _____
Amount: _____



| | | | | |
|----|------------------|--------------|------------|-----------------|
| 10 | 6 | 7 | 8 | 9 |
| | Previous Balance | New Activity | Payments | Finance Charges |
| | \$ 0.00 | \$ 1850.00 | \$ 0.00 | \$ 0.00 |
| | Over 120 Days | 91-120 Days | 61-90 Days | 31-60 Days |
| | \$ 0.00 | \$ 0.00 | \$ 0.00 | \$ 0.00 |
| | | | | 0-30 Days |
| | | | | \$ 1850.00 |

| 11 | 12 | 13 | 14 | 15 |
|------------|---------|-----|--|------------|
| Date | Invoice | Qty | Description | Check # |
| 07/08/2022 | 1285224 | 1 | MEMBERSHIP DUES | |
| | | 1 | DUES-MAGAZINE PORTION (NON-NEGOTIABLE) | 16 |
| | | | | \$ 95.00 |
| | | | | \$ 30.00 |
| 07/08/2022 | 1295358 | 329 | 1ST 25% SPRING 2022 THR ASSESSMENTS CAT 1A/B,2 | 17 |
| | | | | \$ 1645.00 |
| 07/08/2022 | 1295601 | 8 | TRANSFER 61-180 DAYS | |
| | | | | \$ 80.00 |

Payment should be made by the 25th of the month to avoid finance charges. Effective July 1, 2022 finance charges are \$15. If the account balance is over \$100 an additional 1.5% is added to the \$15 late fee.
Page 1

1. **Statement Date** – Indicates the last day of the month being billed, i.e., July 31st for the July Statement.
2. **Account Number** – Unique number corresponding to the account history detailed in the statement. Please list the account number on your check.
3. **Total Due** - This box is a running balance of the statement. The amount increases for each invoice charge and decreases for each payment made during the statement month. If your Total Due is a negative number your account has a credit, do not pay this amount.
4. **Name & Address** – The account name and address that all Association mailings will be sent to. If this information is incorrect, it is important to submit the change, in writing, to the RAAA office to ensure that you continue to receive mailings and the magazine.
5. **Payment Information** - When making a payment, record the check number, the date your payment is sent and amount paid. This is for your future reference and should be retained for your records. *Please list the account number on your check.*
6. **Previous Balance** – Is the total account balance carried over from the previous month(s). The amount shown is the total balance brought forward to the current month.
7. **New Activity** - The total amount billed for during the statement month.
8. **Payments** - Total of payments made during the statement month.
9. **Finance Charges** – Total of finance charges due for the month. Finance charges are accrued for balances over 30 days and will continue to accrue until the balance that is 30 days past due is paid in full.

FINANCE CHARGES ARE APPLIED AFTER 30 DAYS AND BILLED AT \$15 IF THE BALANCE IS LESS THAN OR EQUAL TO \$100. IF THE BALANCE IS OVER \$100 THEN \$15 PLUS 1.5% PER MONTH WILL BE APPLIED. PAYMENT SHOULD BE MADE BY THE 25TH OF THE MONTH TO AVOID FINANCE CHARGES

10. **Age of Billing Activity** – A breakdown of the balance history for the account. If there is an amount in the **31-60 Days** column, the account is on hold/suspended until payment is received and finance charges are being accrued. No new work can be processed.
11. **Date** - The date the invoice or job was completed, this is the date of the billing.
12. **Invoice** - The invoice or job number assigned to the transaction entered into REDSPro.
13. **Description** - General description of the invoice or job number.
14. **Charges** - Indicate the total charge for the invoice or job number.
15. **Payment Credits** – Indicate the total payment made in the invoice or job number. The check number or card type is indicated in the **Check #** column.
16. **Membership Dues Billing** – An example of how your annual membership dues will appear.
17. **THR Billing** – An example of the first installment of THR billing. If more than 10 animals are included in your herd inventory, your THR fees will be broken into four installments of 25% each.

ONLINE DATA REPORTING IN REDSPro

All Regular and Junior members have access to report information using the RAAA REDSPro Database. Using your assigned login and password, login to REDSPro. Once logged in you can update account information and make payments using the My Account tab. Regular and Junior members will utilize the Data Entry tab for reporting data. There are step-by-step video tutorials available on redangus.org under Herd Management - How-To Guide to help walk through all possible types of data entry and to complete many different types of work (registrations, transfers, etc.).

TOTAL HERD REPORTING (THR)

THR ASSESSMENT FEES

Total Herd Reporting (THR) is simple. All females of assessment age must have either a calf record or a reason code for no calf for each calendar year. If a record is not submitted the female will be subject to reactivation fees.

Assessment age is defined as females at least 16 months of age or older on the start date of inventory season:

SPRING (JANUARY 1ST- JUNE 30TH)

Spring Herd Inventory is requested in January.

All females of assessment age (16 months of age as of January 1) will be listed on the Spring Herd Inventory report.

FALL (JULY 1ST - DECEMBER 31ST)

Fall Herd Inventory is requested in July.

All females of assessment age (16 months of age as of July 1) will be listed on the Fall Herd Inventory report.

If an animal is transferred to a new Member prior to the first installment of THR billing, the new owner is responsible for the THR assessment.

Assessments on leased females will be charged to the lessee.

Bulls are not required to be listed on active inventory in order to be used as a sire. Bulls are not assessed THR fees and can be inactivated and reactivated without charge.

An assessment fee must be paid on each ET calf unless the recipient dam is an active registered female (current year assessment already paid), in which case no additional assessment is due. You must be the owner of the recipient dam at the time of calving in order to register the calf. If the annual assessment on the donor dam has been paid, that credit will apply to the first calf registered to that cow for the year, whether natural or ET.

In the case of multiple births, no additional assessment beyond the cow's annual assessment will be incurred on a dam.

Females that are multiply owned will have THR billed to all accounts.

HERD INVENTORY

THR Assessments are based on females of assessment age that are active on your herd inventory.

Electronic reminders to update your inventory will be sent at the beginning of the calving season (in January and July). If paper reports are preferred, please notify the National office, they will not be sent out automatically.

On these reports, the member has the opportunity to dispose of females that are no longer in their herd. A member may have both spring-calving and fall-calving herds and can move cattle from one season to another by providing a reason code (moved to Next Calving Season) on the inventory report.

Do not mark animals that have been or will be transferred with a disposal code. Once the transfer is processed, the animal will be removed from the sellers' inventory. Disposing of a multiple-owned animal will remove the animal from all owners' inventories.

Bulls are not required to be on active inventory in order to be used as a sire and can be listed in either season. Bulls are not assessed THR fees.

CALF DATA AND REASON CODES

During each calendar year **one** of the following must be received for each cow on inventory:

- A calf record through weaning, including dead or commercial calves
- *If the calf dies before weaning, the breeder is required to provide the appropriate calf disposal code plus sire information, calf sex, birth date or year, mating, color, and HPS code.*
- A reason code for the cow's failure to produce a calf (example: open, embryo transfer program, moved to the next calving season).
- A disposal code for the cow to remove her from inventory

**FAILURE TO COMPLY WILL RESULT IN THE FEMALE BEING INACTIVATED
AND SHE WILL BE SUBJECT TO REACTIVATION FEES TO RETURN TO ACTIVE
INVENTORY STATUS**

**These dates are subject to change based on the current calendar year. An official dated calendar can be found on the website and in the yearly Christmas Card.*

** Reporting is done electronically, however paper copies of all reports are available upon request. See tutorials on redangus.org to review the online reporting process.*

THR CALENDAR

| Spring Calving | Fall Calving | Event |
|----------------|--------------|---|
| January 1 | July 1 | Updated Herd Inventory Requested |
| March 1 | September 1 | Updated Herd Inventory Due |
| March 15 | August 15 | "No Progeny Report" requested for those members who have cows without a calf record or reason code for the previous year. |
| August 15 | February 15 | Heifer Exposure Requested |
| November 1 | April 15 | Heifer Exposure Due |
| May 15 | October 15 | Inactivation – Cows without either a calf record or reason code for previous year. |
| August 1 | January 1 | Association sends a billing report for annual THR assessments based on your herd inventory. This is billed at 25% per month July through October for Spring calving herds, and December through March for Fall calving herds. |
| August 15 | March 15 | Birth/WW calf data or reason for no calf requested. |
| November 30 | April 30 | THR assessment must be paid in full by this date. |

HOW TO REGISTER A CALF

OWNERSHIP / MEMBERSHIP

The person submitting the application for registration must be a member of the Association in good standing, and must be the recorded owner of the dam at the time of calving. In order to access an account or submit data you must be an authorized representative of the account.

To register a calf, the following information must be submitted on the **Registration Application/Report** or through the **REDSPro Database**. Tutorials are available on redangus.org under Herd Management - How-To Guide for instruction concerning online submission. Pre-listed reports are available upon request from the national office.

REGISTRATION APPLICATION KEY AND EXPLANATION



18335 E 103rd Ave, Suite 202 Commerce City, CO 80022
 (940) 387-3502 – Fax 888-829-6069
 redangus.org

-Instruction Key- REGISTRATION APPLICATION

Member Number:

Name:

Address:

City, State, Zip:

| | | | | | | | | | | | | | | | |
|--------------------|-------------------|---------|-------------------|--------------|------------------|---------------|------------|------------|--------|--------------|-------|------|------|--------|--|
| D.A.C. | DAM REG # | DAM DOB | CALF EID / 2ND ID | CALF INFO | DISP | CALF ID / PFX | CALF REG # | BIRTHDATE | SEX | BWT | CE | SUSP | TEAT | BW GRP | |
| 1 | 2* | 3 | 10 | | 13 | 14 | 15 | 16* | 17* | 18 | 19 | 20 | 21 | 22** | |
| DAM PRFX | DAM ID | DISP | REAS CD | | DAM EID / 2ND ID | TWIN | MTG | CLR | HPS | REG | PRINT | NAME | | | |
| 4 | 5 | 6 | 7 | | 11 | 23* | 24* | 25* | 26* | 27* | 28* | 29* | | | |
| S.A.C. | SIRE REGISTRATION | | SIRE EID / 2ND ID | WEAN DATE | WEAN WT | WEAN GRP | FC | DAM WT | DAM HT | BCS | | | | | |
| 8 | 9* | | 12 | 30* | 31* | 32** | 33* | 34 | 35 | 36 | | | | | |
| TRANSFER ON ENTRY: | NAME | | | ADDRESS | CITY, ST, ZIP | | | MEMBER NO. | | DATE OF SALE | | | | | |
| | 37 | | | | | | | 38 | | 39 | | | | | |

*REQUIRED Fields

**If left blank, default to 1 for code

Dam and Sire Data

- Dam's breed association code (Blank for RAAA)
 - Dam's registration number
 - Dam's birth date (MM/DD/YY)
 - Dam's herd prefix
 - Dam's ID
 - Dam's disposal code (see back for list of codes)
 - Dam's reason code (see back for list of codes)
 - Sire's breed association code (Blank for RAAA)
 - Sire's registration number
 - Cal's EID number and chosen secondary identifier
 - Dam's EID number and chosen secondary identifier
 - Sire's EID number and chose secondary identifier
- Secondary Identifiers: **I**- tattoo, **B**- brand, **D**- DNA, **T**- dangle tag

Dam Body Condition Score

- Emaciated
- Poor
- Thin
- Borderline
- Moderate
- High Moderate
- Good
- Fat
- Extremely Fat

★ See next page for Reason and Disposal codes

Calf Data

- Cal's disposal code (see back for list of codes)
- Cal's ID/ herd prefix
- Cal's registration number
- Cal's date of birth (MM/DD/YY)
- Cal's sex
- Cal's birth weight (lbs)
- Calving ease (1- no difficulty, 2- minor difficulty, 3- major difficulty, 4- cesarean, 5- abnormal presentation)
- Udder suspension (9- very tight, 7- tight, 5- moderate, 3- pendulous, 1- very pendulous)
- Teat size (9- very small, 7- small, 5- moderate, 3- large, 1- very large)
- Cal's birth management group (maximum 2 characters)
- Twin code (1- single, 2- twin to bull, 3- twin to cow, 4- other)
- Mating code (1- AI, 2- natural service, 3- ET, 4- clone)
- Color (1- solid red, 3- black skin pigment, 4- ineligible white, 5- other, 8- black hair coat)
- HPS code (**H**- horned, **P**- polled, **S**- scurred)
- Registration code (**R**- registered, **I**- incomplete/ pre-registered, **C**- compute/ non-registered)
- Print certificate? (Y- yes, N- no)
- Cal's name (maximum 28 characters)
- Weaning date (MM/DD/YY)
- Weaning weight (lbs)
- Cal's weaning management group (maximum 2 characters)
- Feed code (1- dam only, 2- dam with creep, 3- not raised by natural dam (foster, bucket, etc.))
- Dam's weight at calf weaning (lbs)
- Dam's height at calf weaning (inches)
- Dam's body condition score at calf weaning (1-9)
- Name and address of buyer
- Buyer's member number (if available)
- Date of sale (MM/DD/YY)

PARENT INFORMATION

Dam Registration Number

- Provide the dam's registration number. Dam's birthdate, ID and/or EID, and Prefix are recommended for identification clarification (will autofill in an online job).
- If the dam is a commercial female or you choose to leave it unidentified, please leave the column blank.
- If using a registered dam from another association please reference the **How to Import Animals from other Associations** section.

Dam Disposal Code

- Removes females from active inventory.

Dam Reason Code

- Reports for no calf record
- Be sure to indicate the reporting year if submitting online in REDSPro.

Sire Registration Number

- Provide the sire's registration number.
- All sires, whether natural, A.I. or E.T. are required to have a DNA sample on file for Parentage.
- If the sire is not registered or you choose to leave it unidentified, leave the column blank.
- If using a registered sire from another association please reference the **How to Import Animals from other Associations** section.

CALF INFORMATION

Calf's Disposal Code

- Provide a disposal code for calves that died between conception and yearling.

Calf ID and EID's

- All animals are required to have a unique individual ID that will be used as a permanent identification for the lifetime of the animal.
- ID's are given to the calf and can be tattooed or branded on the animal. **Reference page 19** regarding permanent identification of animal(s).
- If EID's are used they must have a secondary identifier if being used as a permanent ID. This includes DNA on file, a dangle tag, tattoo or brand.
- ID's must not be duplicated for animals of the same sex and birth year within the same herd. **We recommend that you do not duplicate ID's at all.*
- In the event an animal's ear is unfit for a tattoo or such that they cannot be tattooed properly, a suitable lip tattoo, brand or 840 EID button with the 15-digit non-repeatable number is acceptable for identification providing the lip tattoo, or brand includes the completed herd prefix and animal ID.

Calf Registration Number

- Leave blank if applying for registration. Provide registration number if updating an animal record i.e., weaning weight, weaning date.

Birth Date or Birth Year of Calf

- The calf's birth date (MM/DD/YY) or birth year (YYYY) if the actual birth date is unknown. When reporting online in REDSPro, the birth year will autofill once the birth date is entered.

Sex of Calf

- Indicate the sex of the animal you are registering.

**On weaning worksheets only, it is advisable to list steer calves as bulls unless they were castrated prior to weaning.*

Birth Weight of Calf

- The calf's actual birth weight, only if weighed within 24 hours following birth. If the calf was not weighed, leave blank. Birth weight is not required for registration.

Calving Ease

- The level of difficulty during calving.

Udder Suspension / Teat Size

- This scoring system categorizes udder suspension and teat size. The ideal time to score the dam is 24-48 hours after calving as she begins to freshen.

Calf's Birth Management Group

- A unique number, indicating different management for an individual or group of animals. All calves that experience the same environment and opportunity to perform should be included in the same management group. The maximum age range for a management group is 90 days.

**Animals must be registered in the same job and have the same birth management code in order to have the opportunity to group together at weaning or yearling.*

Calf's Twin Code

- The indication of single or multiple births.

**Twins will not receive ratios, and are considered "irregular."*

Mating Code

- 1 = Artificial Insemination
- 2 = Natural Service
- 3 = Embryo Transplant

**Flush date required for registration of ET calves.*

Color

- Indicate the color of your animal.

HPS Code

- Indicate if your animal is horned, polled, or scurred.

Registration Status

- Indicate if the animal is Registered (R), Incomplete (I) or non-registered/compute (C) in the RAAA database.
- Incomplete (I) status is for calves that are pre-registered, prior to weaning. The calf will remain at Incomplete (I) status until the weaning information is submitted. It will then move to Registered (R). If weaning information is not reported by one year of age, the calf will move to Registered (R) status and drop to a Category 2.

Print Certificates

- To be used for registered (R) and Incomplete (I) animals only.

Calf's Name

- Names must not exceed 28 characters, including spaces between words. Names in excess of 28 characters will be abbreviated.

Weaning Date

- The actual date the calf was weaned (MM/DD/YY).

Weaning Weight

- Actual weight of the calf at weaning.

| | | |
|------------------|-----------|-----------------------------|
| Age at WW - Days | | |
| < 90 days | IRREGULAR | Will not be entered |
| 160 – 250 days | ----- | Ideal age range for weaning |
| > 310 days | IRREGULAR | Will not be entered |

Calves Weaning Management Group

- A unique number, indicating different management for an individual or group of animals. All calves that experience the same environment and opportunity to perform should be included in the same management group.

**Animals must group at birth and have the same weaning management group code to group together.*

Feed Code

- Indicates the management practice in feeding calves prior to weaning.

Dam's Mature Weight at Weaning

- Actual weight of the dam when the calf is weaned. Must be collected alongside a dam BCS.

Dam's Hip Height at Weaning

- Dam's hip height in inches when calf is weaned.

Dam's Body Condition Score (BCS)

- Relative fatness/body condition of the dam when the calf is weaned (1-9 scale). Must be collected alongside a dam weight.

Transfer on Entry

- Transferring the calf at time of registration. Buyer's name, complete address and the date of sale are required. Provide the buyer's member number if known.

**The seller must register the calf if they were the owner of the dam at the time of the calf's birth. This can be completed on the back of the dam's certificate.*

Yearling Date

- Actual date calf is weighed for yearling data (MM/DD/YY).

Yearling Weight

- The actual weight of calf in pounds for yearling data

| | | |
|------------------|-----------|------------------------------|
| Age at YW - Days | | |
| < 270 | IRREGULAR | Will not be entered |
| 320 - 410 | ----- | Ideal age range for yearling |
| > 500 | IRREGULAR | Will not be entered |

Yearling Sex

- Indicate steer if castrated after weaning.

Yearling Management Group

- A unique number or letter, indicating different management for an individual or group of animals. All calves that experience the same environment and opportunity to perform should be included in the same management group.

**Animals must group at birth and weaning and have the same yearling management group code to group together.*

Scrotal Measurement

- The scrotal measurement for bull in centimeters—optional

Hip Height

- The hip height in inches for calf—optional

Pelvic Height

- The pelvic height for calf in inches—optional

Pelvic Width

- The pelvic width for calf in inches—optional

HOW TO REGISTER AN EMBRYO TRANSPLANT (ET)

- Flush date must be submitted when reporting an ET calf.
- Sire and Donor Dam must be DNA tested and have no potential for genetic defects.
- If the recipient dam is a registered Red Angus on active inventory, please include her registration number under the birth dam column.
- Provide the donor dam's registration number under the donor dam column.

HOW TO REGISTER A CLONE

- **DNA Authentication** – To be eligible for registration, both the genetic donor and clone must be DNA typed. The DNA of the clone must be compared to the DNA of the original animal, meeting the probability of exclusion values.
- **Name** – Cloned animals will carry a unique name designated by the first owner of the clone but must carry the suffix of CLN (maximum of 28 characters including the CLN suffix).
- **Recorded Breeder** – Breeder of the clone should be listed as the breeder of the genetic donor at the time the original animal was conceived.
- **Recorded Owner** – Owner of the clone should be listed as the first owner of the cloned animal.
- **Registration Certificate** – The word clone and the registration number of the genetic donor will be displayed on the registration certificate.
- **Consent** – For a breeder to have the right to clone an animal, they must have written consent from all the owners of the genetic donor who are current members of the association. Written consent must accompany the cloned animal(s) application for registration.

CERTIFICATE OF REGISTRATION EXAMPLE AND KEY

RED ANGUS RANCH TESTED. RANCHER TRUSTED.

18335 E. 103rd Avenue, Suite 202
Commerce City, CO 80022-3103
(940) 387-3502 • FAX (888) 829-6069



CERTIFICATE OF REGISTRATION

1 **Issued for:** RAAA RED COW MOO MOO 007

2 100% AR

Reg #: 7777777

3 **Original Registration:** 10/27/2021

4 **EID:** 840003226677777

6 **2nd ID:** DNA

5 **Prd/ID:** RAAA 007

Sex: Cow

7 **Color:** Red

Birthdate: 02/16/2018

Category 1A

9 **HPS:** Polled

Breeder: Red Angus Association of America, Commerce City, CO (000000)

10 **Owner(s):** Red Angus Association of America, Commerce City, CO (000000)

| | | | |
|-------------------------------|-------------------------|---------|------------------------------|
| | ANDRAS FUSION R236 | 1050000 | MAF, OSF, NHF, AMF, CAF |
| | BIEBER CL ATOMIC C218 | 3400000 | DDF, MAF, OSF, NHF, AMF, CAF |
| | BIEBER DATELINE 308Y | 1400000 | DDF, OSF |
| BIEBER DC WARHEAD F120 | | 3900000 | |
| SIRE | BIEBER ROLLIN DEEP Y118 | 1400000 | MAF, OSF, NHF, AMF, CAF |
| | BIEBER SURPRISE 243D | 3500000 | |
| | BIEBER SURPRISE 288A | 1600000 | |
| | PIE ONE OF A KIND 352 | 1600000 | OSF |
| | PIE ONE OF A KIND 5139 | 3500000 | MAF, OSF |
| | PIE JULY DALLES 036 | 1400000 | |
| BIEBER EP LASS 375F | | 3900000 | |
| DAM | BIEBER HARD DRIVE Y120 | 1400000 | MAF, OSF, NHF, AMF, CAF |
| | BIEBER EP LASS 124C | 3400000 | |
| | BIEBER LASS 295A | 1600000 | |

EPDS are updated on a weekly basis

| EPD | 12 Individual | 13 Accuracy | 14 Percentile | 15 Individual Performance Data | |
|------|---------------|-------------|---------------|--------------------------------|-------|
| CED | 9 | 40 | 91 | B.Wt | 86 |
| BW | -0.4 | 43 | 76 | B.Ratio | |
| WW | 78 | 41 | 4 | W.Adj | 618 |
| YW | 126 | 42 | 4 | W.Ratio | |
| ADG | 0.30 | 42 | 8 | W.Conts | 1 |
| DMI | 2.51 | 16 | 99 | Y.Adj | 1191 |
| Milk | 30 | 11 | 12 | Y.Ratio | |
| ME | 21 | 10 | 99 | Y.Conts | 1 |
| HPG | 14 | 21 | 12 | REA Adj | 13.66 |
| CEM | 6 | 19 | 64 | REA Ratio | |
| Stay | 18 | 24 | 16 | REA Conts | 1 |
| Marb | 0.24 | 39 | 90 | BF Adj | 0.21 |
| YG | -0.01 | 34 | 15 | BF Ratio | |
| CW | 42 | 43 | 4 | BF Conts | 1 |
| REA | 0.56 | 42 | 2 | MB Adj | 2.30 |
| Fat | 0.01 | 34 | 41 | MB Ratio | |
| | | | | MB Conts | 1 |

| EPD | 16 Individual | 17 Percentile |
|----------|---------------|---------------|
| ProS | 85 | 56 |
| HerdBldr | 58 | 38 |
| Gridmstr | 27 | 71 |

| 18 Genetic Details - DNA Test Results | |
|---------------------------------------|-----------------------|
| Parentage: | Sire and Dam quality. |
| Genetic Defect: | |
| Genomic Data: | GGP |

19 **Seller:** C-T Red Angus

Sale Date: 12/04/2021

Ownership Date: 10/27/2021

| | 20 Sire | Mtg | In | Out |
|----------|---------|-----|------------|------------|
| Breeding | 3764291 | A | 05/20/2019 | |
| Service | 832407 | N | 05/31/2019 | 07/31/2019 |

This is to certify that the animal and pedigree presented in this Certificate of Registration have been accepted and recorded in the RAAA database. This certificate is issued with full reliance upon the accuracy of the data submitted by the owner in preparation of this Certificate. Any errors or omissions therein are the responsibility of the submitting owner.

Steve Kauster
PRESIDENT

HOW TO READ A CERTIFICATE OF REGISTRATION

Certificates of Registration will be printed and mailed out from the RAAA office the business day immediately following the completion of the member job or submitted data request. Animals submitted in a member completed job that have *N* (NO) indicated in the Print column will not have certificated printed or mailed out. Certificates are generated, printed and mailed free-of-charge to the current owner(s) of the animal. Re-printing of certificates is only completed upon request. Certificates can only be printed on animals at registration type/status of (R) or (I).

1. **Issued For** – The registered name of the animal the certificate corresponds to.
2. **100% AR** - The percentage(s) of each breed(s) that make up the blood content of the animal.
3. **Original Registration** - The date that the registration was completed for the animal.
4. **EID** - The 18 digit number on the EID tag that has been assigned to the animal.
5. **Prfx/ID** - The herd prefix (of the first owner on record) and the identification number for the animal. Both prefix and ID are required to be tattooed in the ear of the animal.
6. **2nd ID** - The secondary identification used when the animal has an EID tag.
7. **Color** - The specified coat color of the animal.
8. **Category** – The resulting registration category of the animal.
9. **HPS** - Indication of whether the animal is Horned, Polled or Scurred.
10. **Owner(s)** - The listed owner(s) of the animal at the time that the certificate was generated.
11. **Pedigree** – Ancestry of the animal listed with the name, registration number and genetic defect testing results for each relative.
12. **Individual EPD** - the EPD value for the individual animal at the time the certificate was printed.
13. **Accuracy** - The accuracy value for the EPD. Accuracy values range from 0 – 100 with 100 being the most accurate.
14. **Percentile** - The percentile ranking for the EPD within the animal's corresponding percentile rank group. A lower number indicates a better ranking.
15. **Individual Performance Data** - The individual actual and adjusted information collected on the animal and how those records ratio compared to the animal's contemporaries. ET animals, twins or those in single-head contemporary groups do not receive ratios.
16. **Individual Index** - The Index value for the individual animal.
17. **Percentile** - The percentile ranking for the Index within the animal's corresponding percentile rank group. A lower number indicates a better ranking.
18. **DNA Test Results** - A summary of any DNA testing that has been completed on the animal. If blank then no testing of that designation has been completed.
19. **Seller, Sale Date and Ownership Date** - Information indicated when an animal is transferred from one account to another.
20. **Sire, Mtg, In and Out** - Breeding information for bred females being transferred. Must be provided by the breeder.
21. **QR Code** - this can be scanned with any camera application on any device. This will populate a link that will take you directly to the website pedigree for this animal where the most current information can be viewed.

**The back of an official certificate of registration has locations for an owner to fill out transfer and breeding information. Upon sending the signed official certificate of registration to the RAAA office, a transfer of ownership will be completed.*

HOW TO IMPORT ANIMALS FROM OTHER ASSOCIATIONS

IMPORT THE PEDIGREE

- To verify if an animal is in the RAAA database, go to redangus.org, Data Searches & Tools, Animal Search, choose the respective Association from the dropdown menu and enter the foreign registration number. If no results are found the pedigree has to be built by the RAAA office.
- To build the pedigree, send a copy of the printed certificate or the registration number with the respective association to RAAA via Fax, Mail or Email data@redangus.org
- The import will be processed in date-received order at \$40 per pedigree being entered. The animal must be registered in the respective Association.
- The current owner and breeder will display in RAAA as it does in the respective Association.
- The animal will receive an RAAA registration number. The animal will be at F-Foreign status, and can only be utilized as a sire or a dam. The animal will appear under Foreign Inventory, but will not be registered and cannot be transferred at F-Foreign status.
- Use the RAAA registration number when utilizing the animal as a sire or dam.
- In order to register a calf to an imported dam, users must be the owner of the dam at the time of calving. If the member requesting an import is not the listed owner of the cow in the respective Association, a transfer of ownership must be completed before the dam can be imported and the calf can be registered.
- The fee to register a calf out of a F-Foreign dam is \$27.50. If the dam is not utilized, THR fees will not be assessed. Bulls are never assessed.
- If the pedigree from the respective breed association states *SNP*, the RAAA pedigree online will display “Case information confirmed with respective breed association,” which verifies DNA is on file in the respective association.

DUAL REGISTER

- An imported animal will be at F-Foreign status in RAAA. The member can decide whether to keep the animal at F-Foreign status or to Dual Register that animal.
- A Dual Registered animal will be listed within the member’s Active Inventory and can be transferred if desired.
- To bring the animal to Registered (R) status the fee is \$27.50 per head.
- To Dual Register, download a Registration Application from redangus.org under Herd Management/Offline Forms. Fill out the required birth and weaning information for that animal and send it to the RAAA Office (via mail, fax or email) to be processed by staff.

- If the animal is a cow over 16 months of age, she will be enrolled in THR and will be assessed a \$27.50 THR fee on an annual basis. Bulls are never assessed.
- Dual Registered animals will stay active until transferred or disposed of.

PERMANENT IDENTIFICATION PROCEDURES

There are three acceptable forms of permanent identification:

1. Tattoo (with herd prefix and individual animal ID)
2. Brand (with herd prefix and individual animal ID)
 - a. Freeze and hot-iron both acceptable
3. EID– *ONLY* if used with a secondary identifier, which includes
 - a. Tattoo
 - b. Brand
 - c. DNA Sample
 - d. Dangle Tag

Calves should be tattooed, branded or tagged with an EID at a young age prior to or at weaning when handling and identification is easier. Animals must be tattooed or branded with their Individual ID and your Herd Prefix. IDs must not be duplicated for animals of the same sex and birth year within the same herd. We recommend that you do not duplicate IDs at all. Each ID should be unique within your herd.

SPECIFIC RULES REGARDING EIDS AND SECONDARY IDENTIFIERS

- Only 840 EIDs are acceptable (15 digit, non repeatable number)
- If selecting a tattoo or brand as the 2nd ID, the tattoo and brand must contain both the Herd Prefix and Animal ID (see below for tattoo and branding procedures).
- If selecting a dangle tag as the 2nd ID, the tag must contain the EID number and/or Animal ID.
- If selecting DNA as the 2nd ID *without* DNA on file at the time of registration/ submission of the EID number, the animal will be at pending status until DNA is uploaded to REDSPro.
 - An animal pending DNA submission to meet EID requirements is not able to be transferred or have any data updated/ changed until the DNA is loaded into REDSPro.

ANIMAL ID

The calf should be tattooed, branded or tagged (dependant on choice of permanent identification) with an individual animal ID from the numbering system of your choice.

- Animal ID may be present in either ear or both ears.
- No more than six digits.
- May carry the international birth year code.
- Example: ‘9301’ or ‘01C’

HERD PREFIX

The calf should be tattooed or branded with the herd prefix of the first owner on record (dependent on choice of permanent identification). The first owner on record is identified as the owner of the dam or embryo at the time of birth.

- Herd Prefix may be present in either ear or both ears.
- No more than five digits.
- May contain letters and numbers, but must end in a letter
- Example: ABC or 2SMS

The Animal ID and Herd Prefix cannot be tattooed side by side in the same ear or branded side by side on the animal. They must be stacked, one on top of the other, if present in the same ear.

For example, if your prefix is RAAA and the Animal ID is 101H

| <u>Left Ear</u> | <u>Right Ear</u> |
|-----------------|------------------|
| RAAA | 101H |

OR

| <u>Left Ear</u> | <u>Right Ear</u> |
|-----------------|------------------|
| RAAA 101H | RAAA 101H |

NOT

| <u>Left Ear</u> | <u>Right Ear</u> |
|-----------------|------------------|
| RAAA 101H | RAAA 101H |

Animal ID and/or EID must be provided at registration. Cattle must physically be tattooed or branded with the Animal ID and Herd Prefix at the time of registration and/or transfer. If using the EID option, the EID tag and secondary identifier must be present on the animal at the time of registration and/or transfer.

Tattoos must be legible and must match the information on the registration certificate.

Tattoo equipment is not provided by RAAA.

HOW TO TRANSFER A REGISTERED ANIMAL

The **Application for Transfer** is located on the back of the **Registration Certificate**. The seller(s) must sign the top of the application to authorize the transfer. Buyer's name, complete address and the date of sale are required. Provide the buyer's member number if known. Breeding information for females must be included on the back of this form.

**If any of this information is not submitted, the application is considered invalid and will be returned to the seller.*

It is the responsibility of the seller to submit the transfer of the animal. Any transfers submitted more than 120 days after the date of sale will be charged late transfer fees. Late fees are billed to the seller's account.

A **Transfer Form** may be used for transferring groups of animals. The seller(s) must sign this form to authorize the transfer. Buyer's name, complete address and the date of sale are required. Provide the buyer's member number if known. Breeding information for females must be included on the second page of this form.

**If any of this information is not submitted, the application is considered invalid and will be returned to the seller.*

PROVIDING BREEDING INFORMATION

If breeding information is available, the following information is required:

- Bull's RAAA registration number
- Indication of AI service and breeding date
- Indication of Natural service and bull exposure dates

**If a female is bred by a non- registered sire, she will be marked as sold open and the field is left blank.*

**If a sire of another association that is not imported in the RAAA database breeds a female she will be marked as sold open and the field is left blank.*

HOW TO TRANSFER A CALF AT SIDE

The **Application for Registration/Transfer** of a calf at the side of the dam is located on the back of the dam's **Registration Certificate**. It is the seller's responsibility to register and transfer any calves sold at the side of the dam.

HOW TO SUBMIT DNA

- Request DNA collection kit (hair, blood card or tissue sampling units) from RAAA via email or calling the National Office – (940) 387-3502 ext. 8. Straws of semen continue to be acceptable DNA sample types. Hair and Blood Cards are \$1 each and TSUs are \$30 for a box of 10 units.
- Complete an order form for the samples. A DNA order form for up to 35 animals will be mailed to you if you order DNA sampling supplies from RAAA. Orders of 30+ animals need to have an electronic copy of the order form emailed to dna@redangus.org along with a printed signed copy sent in the mail along with the samples. Copies of the current order form can be found under *DNA Forms* at redangus.org or requested by calling or emailing the office.
- Mail collected sample(s), payment and order form to RAAA Attn: DNA
**Do not mail samples directly to the lab*
- RAAA will review and log submitted samples into the lab database and forward them to them.

- DNA lab performs requested work and sends results back to RAAA.
- RAAA applies the results to the database and forwards results back to submitting members.

HOW TO COLLECT DNA SAMPLES

While DNA tests have advanced to a technology with near endless capabilities, the entire process is dependent on a step that includes little, if any, science—a properly collected DNA sample. Although DNA technology and its associated DNA sample have become part of our general ‘know how’, it has been estimated that approximately 30% of samples don’t meet adequate quality standards. The two leading causes for a sample to fail are: Insufficient DNA to perform the requested test; or, sample contaminated with foreign material such as dirt or manure. Adherence to the practices below will increase your ability to deliver quality DNA samples.

HAIR CARD

- The usable DNA is located in the hair follicle (hair root).
- Collect hair samples from the middle of the animal’s tail switch (end of tail).
- Minimums of 20 to 30 follicles are needed per sample.
- Hair is **not** recommended on calves (unless the animal is a TWIN), a minimum of **40-50** follicles are needed per sample.
- Hair must be clean from manure, mud, etc.
- Collected sample must be dry. Wet samples quickly deteriorate and consistently fail.
- Place the follicle end of hair between the films on the ‘hair card’ as soon as it’s collected. Don’t place it in a Ziploc bag chute-side. Trim excess hair around the outside of the card.
- Keep collected samples out of direct sunlight, extreme temperatures and dust.
- Do not ship hair samples in a basic envelope. Use a standard shipping box or padded envelope.
- Subject to \$5 per sample lab processing fee.
- Hair not placed on a card is subject to a processing fee.

BLOOD CARD

- Ideal sample locations include the animal’s ear or the underside of the tail.
- Use a new sterile needle for each animal to prevent contamination. Do not simply wash the needle between animals.
- Ensure that the location of the animal in which the sample will be collected is clean.
- Fill the entire pre-printed circle on the card with blood, but don’t flood the card.
- Allow the sample to dry for at least 24 hours prior to closing the card. Place the flap in the first slot to create a tent over the wet sample.
- Prevent direct contact between collected cards, as cross-contamination can occur.
- Keep collected samples out of direct sunlight, extreme temperatures and dust.
- Do not ship Blood samples in a basic envelope. Use a standard shipping box or padded envelope.
- Twin animals SHOULD NOT have a blood sample submitted, as it will fail.

TISSUE

- **ONLY** to be collected from the ear with an Allflex Tissue Sampling Unit.
- Make sure the sample does not include an area of the ear that has been tattooed.
- If necessary, clean the ear prior to collecting the sample with a dry paper towel to remove any foreign matter.
- Ensure that the TSU is sealed by noting that the green ball is inside the tube and the red stopper is flush with the top.
- Check to see that there is liquid visible in the TSU PRIOR to sending samples. Dry samples cannot be tested.
- Check to see that there is a visible amount of tissue in the TSU. TSUs without tissue cannot be tested.
- Keep TSUs at a constant (room) temperature before, during and after sampling. **DO NOT FREEZE** and avoid direct sunlight.
- Do not ship TSUs in a basic envelope as they will rip out and be lost in the mail. Use a padded envelope or box.

SEMEN

- The greatest risk with semen is samples being damaged during shipment. Do not ship semen in a basic envelope. Use a standard shipping box or padded envelope.
- Carefully package semen straw in a protected manner. A preferred method is inside a pen with the ink cartridge removed.
- Place each semen straw in a separate Ziploc bag to prevent cross contamination if a straw leaks.
- Semen samples do not need to be shipped in liquid nitrogen; however, it is good practice to keep the semen in a freezer until shipped.

See examples of quality samples at redangus.org/dna-testing.

HEIFER EXPOSURE DATA COLLECTION

- *Heifer Exposure data is a tool used to enhance the accuracy of the HPG EPD.*

The Heifer Pregnancy (HPG) EPD is used to predict the differences in the percent of daughters who are able to conceive and calve at 2 years of age following exposure to breeding. Heifer Pregnancy is as heritable as most growth traits such as weaning weight and yearling weight. Submitting exposure information on your heifers provide information necessary to produce the Heifer Pregnancy EPD which producers can use to increase the fertility in their cow herd.

Heifer Exposure will be requested in August for spring born heifers and in February for fall born heifers. On the Heifer Exposure report, producers must indicate the breeding start and end dates, individual exposure status, management group, or disposal information.

MANAGEMENT GROUP DESIGNATION

A Management Group designation is a code (member's choice) that should be used to distinguish different management groups. The code should be designated as a one or two-digit number.

- Heifers that are only pasture bred (i.e.- no AI) should be designated into different management groups if they are in different breeding pastures.
- Heifers that are A.I. bred in the same management group, and then put into different cleanup bull pastures should be designated into different management groups as well.

APPLICABLE DISPOSAL CODES

Birth to Wean – Disposal Codes

50 - Born alive, died before weaning – disease
51 - Born alive, died - weather, accident, injury
52 - Calf sold after birth prior to weaning
53 - Died at birth – Defect
54 - Died at birth – calving difficulty
55 - Died – High altitude disease
56 - Stillborn

Weaning through Mature – Disposal Codes

70 - Sold - Aborted
71 - Age
72 - Appearance
73 - Calf died

74 - Disposition
75 - Genetic defect
76 - Parentage - Z or B status
77 - Genetic Merit
78 - Herd reduction - environment, budget, labor
79 - Hoof condition
80 - Weather event, accident, or injury
81 - Production/performance
82 - Prolapse
83 - Sickness/disease
84 - Structural soundness
85 - Udder quality
86 - Calving difficulty
87 - Sold Pregnant
88 - Sold - Exposed failed to conceive
89 - Sold - Open, unexposed

ULTRASOUND DATA COLLECTION

- *Ultrasound data is a tool used to enhance the accuracy of carcass Marb, FAT, CW and REA EPDs*

Real-time carcass ultrasound offers producers a means of genetic improvement by enhancing the accuracy of their carcass EPDs. While the actual scan information itself can be interesting to review, it has little to no value for genetic improvement unless incorporated into a genetic evaluation. Relative to progeny testing and actual carcass data collection, ultrasound is a less expensive and more efficient means of evaluating carcass traits in breeding seedstock. The phenotypes collected through ultrasound and used to enhance RAAA carcass EPDs are ribeye area (REA), back fat thickness (BF), percentage of intramuscular fat (IMF).

RAAA requires that these traits are collected by an Ultrasound Guidelines Council (UGC) Certified Field Technician and the images are interpreted by a UGC Certified Interpreter (lab).

ULTRASOUND GUIDELINES COUNCIL (UGC) APPROVED PROCESSING LABS

- International Livestock Image Analysis (ILIA) – Harrison, AR
- Centralized Ultrasound Processing (CUP) Lab – Ames, IA
- UltraInsights – Pierce, CO

DATA REQUIREMENTS

1. Animals must have weaning data on file in order for ultrasound information to be used.
2. Animals should be 320 – 410 days of age. Any animal scanned that is younger than 270 or older than 500 days will not be included.
3. A scan weight must be collected at the time of ultrasound. If a yearling weight is not entered separately by the member, scan weights will automatically default to yearling weights as well.
4. Animals must be submitted with the ID and Registration number that corresponds to their RAAA registration certificate.

MANAGEMENT CODES AND CONTEMPORARY GROUPS

A contemporary group is a set of cattle that are exposed to the same environmental conditions and includes ALL cattle within that environment. In addition to the following, animals must be contemporaries at birth and weaning in order to group together at ultrasound or yearling.

1. Animals scanned on the same date.
2. Animals with the same scan management code. Be sure to communicate with your technician about differences in management of animals that may be scanned on the same day so they can designate them accordingly.

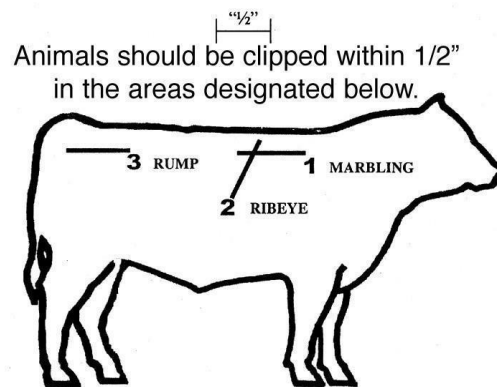
DATA COLLECTION

Preparation

1. Schedule an appointment with an Ultrasound Guideline Council (UGC) Certified Field Technician at least one month in advance. Coordinating scanning times with other producers may be less expensive if technicians are able to scan large numbers of cattle in

a small geographical area. A list of technicians certified by UGC is available here (<https://ultrasoundguidelinescouncil.org/locate-technicians-or-lab/#tech>).

2. Provide technicians with a barn sheet that includes all animals to be scanned.
 - a. When logged in to REDSPro, go to Reports/Downloads – My Reports.
 - b. Select a group on the left (i.e., 2021 born bulls) or enter the specific registration numbers under Quick Group.
 - c. Select the Ultrasound Barn Sheet on the right under Default Reports.
 - d. Generate Report and then Download into an Excel file to email to your technician or print off the page.
3. Ensure the correct facilities and responsibilities are covered by communicating with your scan technician and (if applicable) the facility manager. Examples of breeder/facility responsibilities include:
 - a. Squeeze chute in a location out of direct sunlight.
 - b. Electrical supply for ultrasound machines.
 - c. Cattle clipped to 1/2" in scanning locations.
 - d. Ability to collect and record animal weight.



Results

1. The scan technician sends images to an UGC certified lab to be interpreted and the resulting data is automatically forwarded to RAAA.
2. RAAA staff will upload the data upon receipt from the lab. The member will be notified via email that the data has been received. Other parties will be notified only when contact information from the processing lab indicates to do so.
3. Adjusted measurements are immediately available and can be found in REDSPro under Reports/Downloads – My Reports by generating an Ultrasound Summary Report or viewing the Expanded Report on an animal's pedigree.
4. EPDs will be updated automatically after the ultrasound information has been run through the subsequent weekly IGS-BOLT evaluation.

UNDERSTANDING THE ULTRASOUND SUMMARY REPORT

| | |
|-----------|---|
| Mgmt | Scan management group designated by owner |
| IMF conts | IMF contemporary group |
| IMF | Actual measurement, taken by scan technician, of the percent (%) of intramuscular fat in the ribeye. |
| IMF adj | Adjusted IMF |
| IMF Rank | Individual rank of animal within the IMF contemporary group |
| IMF Ratio | Ratio of individual animal within the IMF contemporary group (Adjusted IMF / Avg Adjusted IMF for contemporary group)*100 |
| REA conts | REA Contemporary Group |
| REA | Actual measurement, taken by scan technician, of the square inches of the longissimus muscle at the 12 th rib. |
| REA adj | Adjusted Ribeye Area *If REA < 5.0 REA adj is set to actual |
| REA Rank | Individual rank of animal within the REA contemporary group |
| REA Ratio | Ratio of individual animal within the IMF contemporary group (Adjusted REA / Avg Adjusted REA for contemporary group)*100 |
| BF conts | BF Contemporary Group |
| BF | Actual measurement, taken by scan technician, of the depth of fat in inches over the ribeye muscle. |
| BF adj | Adjusted Back Fat *If BF < .09 BF adj is set to actual |
| BF Rank | Individual rank of animal within the BF contemporary group |
| BF Ratio | Ratio of individual animal within the BF contemporary group (Adjusted BF / Avg Adjusted BF for contemporary group)*100 |
| Scan wt | Actual weight of the individual on the scan date |
| AdjScanwt | Adjusted Scan Weight to 365 days of Age |

*Adjustments vary by animal to include sex, age of dam, heterosis, etc.

NATIONAL CATTLE EVALUATION (NCE)

The RAAA has long been an advocate of simplifying selection decisions by placing significant emphasis on EPDS. RAAA believes in the science behind our genetic selection tools and can validate their reliability with multiple examples demonstrating the effectiveness of EPDs. Each animal registered will receive 16 EPDs with accuracy (ACC) and percentile rankings (PCTL) for each, as well as, three economic selection indexes.

EPDs PUBLISHED BY RAAA

EPDs calculated by International Genetic Solutions (IGS) via the BOLT analysis that are updated weekly:

CED – BW – WW – YW – ADG – Milk – CEM – STAY – Marb – YG – CW – REA – FAT

EPDs calculated by the Center for the Genetic Evaluation of Livestock at Colorado State University (CGEL-CSU) that are calculated quarterly:

DMI – ME – HPG

Information used to calculate EPDs for a particular animal include pedigree information, own performance data, genomic data, and information on descendants for the trait of interest and correlated traits. Accuracy is dependent upon the value (amount and quality) of the information used for EPD calculation. Accuracy values are reported for each EPD and will range from 0 – 100 with a higher number indicating a more accurate EPD.

In addition to EPDs and Accuracy (ACC), RAAA provides individual percent rank (PCTL) of each EPD for animals based on the following percentile rank group parameters:

1. Proven/Opportunity Sires
2. Active Dams
3. Non-Parents <2 years of age

ECONOMIC SELECTION INDEXES CALCULATED BY RAAA

ProS – Profitability and Sustainability is an all-purpose index that includes economically relevant traits from conception to harvest. ProS is a combination of the HB and GM indexes. This index is expressed as \$ per head born.

HB – HerdBuilder is a maternally focused selection index that predicts differences in profitability for traits from conception to weaning. Those traits include: CED, CEM, WW, Milk, Mature Weight, HPG and STAY. This index is expressed as \$ per head born and is a sub-index of ProS.

GM – GridMaster is a terminally focused selection index that predicts the average economic difference of non-replacement progeny through the post weaning and harvest phases of production. Traits used include: ADG, CW, DMI, Marb, BF and REA. This index is expressed as \$ per head born and is a sub-index of ProS.

VALUE-ADDED PROGRAMS

ABOUT FCCP

The Red Angus Association of America's (RAAA) Feeder Calf Certification Program (FCCP) is the beef industry's oldest USDA Age, Source and Genetic verification program. The FCCP 'yellow tag' is recognized as the symbol of guaranteed Red Angus genetics and is a trusted source for feeders and packers wishing to fill Red Angus product lines. Enhancing the value of Red Angus genetics since 1995, FCCP provides group age verification, source verification to the ranch of origin, and traceability to at least 50% Red Angus bloodlines.

ABOUT AA

Initiated in 2012, Allied Access (AA) provides Red Angus customers and other commercial cattlemen with another value-added solution for their crossbreeding programs. Allied Access delivers the age and source verification benefits of the FCCP program, without the 50% Red Angus stipulation. Allied Access carries on the tradition of being the industry's most affordable USDA Process Verified Program, and provides access to export market premiums.

COST OF FCCP AND AA

There are no enrollment fees for FCCP or AA! The only expense for the producer is the cost of the tags. The RAAA offers dangle tags for \$1.30 each, EID only in 982 and 840 for \$2.20 each and a combo pack which includes an EID and dangle tag for \$3.30.

THINGS TO REMEMBER FOR FCCP ENROLLMENT

If you use natural service bulls, make sure every bull you purchase is transferred into your RAAA herd inventory. Ask your genetic supplier to transfer every Red Angus bull you purchase to your operation's name. If the transfer occurs within 120 days of the sale date, it is free for the seller! If you AI your females to Red Angus bulls, be sure to hold on to your semen invoice and send a copy of the invoice to us when enrolling your calf crop in the FCCP.

Commercial heifers bred to registered Red Angus bulls qualify for the FCCP program, but only if the seller completes the purchased bred commercial female form. Contact the Value-Added Department to request a form.

HOW TO ENROLL

The first step to enroll in FCCP or AA is contacting the Value-Added Department, by calling 940-477-4593. We will ask a few simple questions and fill out the tag order form. The tags will then be shipped directly to the producer who ordered them. The producer will also receive a customer enrollment agreement, which they are to fill out and return after tagging the calves. Only the numbers of the tags actually used should be listed so that any leftover tags will be available for the next calving season. When returning the customer enrollment agreement, a copy of the calving record showing when the first calf was born should also be included. If a calf loses a tag before leaving the ranch of origin, the tag may be replaced and the new tag number reported to RAAA. However, calves may not be retagged if they lose a tag after leaving the ranch of origin. A Certificate of Compliance (COC) is the USDA approved documentation of Age, Source and/or Genetic verification that completes enrollment in FCCP or AA. The COC will be generated only after RAAA receives the completed enrollment agreement and a copy of the calving record. All COC's can be accessed at redangus.org, and are searchable by tag

number, producer name, certificate number or state of origin. Upon request, a copy of the COC can be sent to feedlots, livestock markets, order buyers or video representatives.

ON-SITE AUDITS

Each FCCP or AA enrollment receives a potential “risk” score characterized as low, medium or high based on the Supplier Evaluation Process. A low-risk producer’s cattle will be enrolled in the program. RAAA staff will audit a random 3% of low-risk producers annually to verify management practices and documentation as stated during the supplier verification process.

Medium risk producers will be allowed to enroll, but will require an on-site audit by RAAA staff within six months of enrollment. Medium risk producers that do not fulfill the requirements of the on-site audit will not be able to enroll subsequent calf crops until those requirements have been met. Producers deemed high risk will not be eligible for enrollment until corrective management and documentation practices have been implemented. High-risk producers may reapply for enrollment on subsequent calf crops.

ABOUT PREMIUM RED BALDY

Premium Red Baldy is a genetic verification program designed to take advantage of hybrid vigor by maximizing the best traits of both Red Angus and Hereford and providing commercial producers with premium replacement females. The program will help producers access genetically verified females that have the best combination of longevity, fertility and adaptability to incorporate into producers’ herds. As the nation’s cow herd expands to meet beef demand, Premium Red Baldy females will rise to the challenge of producing more beef sustainably and profitably, without sacrificing quality. The Premium Red Baldy program has the ideal balance of maternal and carcass traits, which will yield cattle poised to increase the profitability of commercial producers. Premium Red Baldy uses genetics supported by the only two beef breed associations backed by whole herd reporting. Premium Red Baldy is a heifer-only program, capitalizing on hybrid vigor. No steers will be tagged in this non-PVP program.

To qualify for Premium Red Baldy, females must be sired by bulls in the top 50% of the breed for Baldy Maternal Index (BMI\$) or Profitability and Sustainability Index (ProS). Breed percentages on qualified females will range from 25%-75% Red Angus and Hereford, with a small allowance for other breeds. Females must be red-bodied with either a bald or brockle face. No black-hided cattle will be admitted, regardless of genetic makeup.

There is no enrollment fee for this program. The only expense for the producer is the cost of the tags, which are \$1 each.

HOW TO ENROLL

The first step to enroll in PRB is by calling your respective breed association that your herd sire is registered with. Red Angus Association of America 940-477-4593 or American Hereford Association 816-842-3757. We will ask for the registration number of the sires and a few simple questions to fill out the tag order form. The tags will then be shipped directly to the producer who ordered them.

ABOUT AMERICAN RED

The Red Angus Association of America and Santa Gertrudis Breeders International are collaborating to provide the beef industry with a unique blend of maternal traits, adaptability, growth and marbling – all packaged with a heat-tolerant, red hide – into a new program for the commercial beef producer called American Red.

The offspring of this crossbreeding program will be well suited for commercial producers who are seeking quality replacement females and steers that fit in the value-added segment of the beef industry.

American Red has been tested and proven at the King Ranch, in Kingsville, Texas. Numerous other breeders in the southern U.S. have also begun using this strategic cross to combat the harsh environment with marked success.

While the leadership at RAAA and SGBI are still finalizing key details, program specs for American Red will be as follows:

- To qualify for the American Red commercial cattle program and accompanying tag, steers and heifers in the same calf crop must be sired by registered Red Angus bulls averaging in the top 50% of the breed for the Profitability and Sustainability index (ProS) or registered Santa Gertrudis bulls averaging in the top 50% for the SGBI Balanced Index.
- Breed percentages on qualified cattle will range from 25% to 75% Red Angus and 25% to 75% Santa Gertrudis, with a small allowance for other breeds. Most qualified cattle will be red. However, color is not an exclusionary requirement. Groups of cattle do not need to be fully red-hided to qualify.
- Dams of qualifiable calves must contain at least 50% of the reciprocal breed, meaning 50% or more Santa Gertrudis when the calves are sired by Red Angus sires, or 50% or more Red Angus when calves are sired by Santa Gertrudis bulls. To verify dam-side genetics, qualifiable herds will sign a verification form stating that at least 50% of the genetic makeup of the dams of calves to be qualified is from the reciprocal breed.
- The tag used for this program will be a unique, American Red-labeled tag issued by the Red Angus Association of America. Tagging options include dangle tags or EID/panel tag combination-nested sets. Calves must be tagged on the ranch of origin.

The program requires a yearly \$50 enrollment fee and a \$1.25 fee for each tag. There is a five head minimum for enrollment.

HOW TO ENROLL

The first step to enroll in American Red is by calling the RAAA Value Added Department 940-477-4593. We will ask for the sire registration numbers and a few simple questions to fill out the tag order form. The tags will then be shipped directly to the producer who ordered them.

CONTACT INFORMATION

Questions regarding FCCP, AA, PRB or American Red may be directed to the RAAA Value Added Department, at 940-477-4593

ADVERTISING

- Any livestock advertisement must contain/promote at least one head of Red Angus to qualify for insertion. The only exception is...
 - ASA or SGBI members are allowed to advertise without any Red Angus offering. They allow Red Angus breeders to do the same on their end.
- There is a limit of 8 pages of advertising from a single breeder/sale each edition.
- All unused ad space that has been previously reserved by an advertiser will still be charged to the advertiser (see the table of contents page for this and other possible items of interest).
- **NEGATIVE ADVERTISING WILL NOT BE ACCEPTED**
- As for the insertion process...
 - Reserve the ad space by the space reservation deadline – the first of the month preceding publication (ex. Feb 1 for the March issue).
 - Provide press-ready ads no later than the 10th of the month preceding publication (ex. Feb 10 for the March issue).
- Ad billing occurs the month of publication, and appears on the following month-end statement.
- According to RAAA policy, remittance is required within 60 days of the ad billing.
- Finance charges will be applied to late payments

HOW TO SCHEDULE AN eBLAST

- To schedule an eBlast, fill out the form online at <https://redangus.org/marketing/sale-planner/#>
- Advertisers can use an advertisement that ran in the Red Angus Magazine or email a PDF or jpg of their ad to media@redangus.org.
- Staff requests two business days to turn around eBlasts. The advertiser will receive a proof of their eBlast, which will only be sent out upon approval by the advertiser.
- The cost of an eBlast is \$125. Rush fees apply to eBlasts requested to go out within 24 hours of submission. Rush eBlasts will not be created on weekends or holidays.
- eBlasts charges will be billed to the RAAA member listed on the online form.
- eBlast content must be promoting a Red Angus sale or Red Angus genetics (bulls, females, semen or embryos).
- eBlasts are sent to RAAA members, Red Angus bull buyers, eBlast requests, Board of Directors and staff.
- If an RAAA member's sale is postponed due to weather, they should fill out the online form and send an email to media@redangus.org explaining the situation. RAAA staff will work with members to spread the word about the postponement and rescheduled date at no charge.
- If a member wishes to stop receiving sales eBlasts but wants to continue receiving eNews and other electronic correspondence from RAAA, please email media@redangus.org and request to be removed from the eBlast sales list.

HOW TO SUBMIT A SALE DATE, EVENT, NEWS or SHOW RESULTS

SALE DATE

- To list a sale on the calendar on redangus.org and in the Red Angus Magazine, members should fill out the “Submit a Red Angus Event” form at <https://redangus.org/sales-and-events/submit-an-event-sale/>
- Red Angus and relative industry events are listed free of charge.

SALE REPORTS, SHOW RESULTS OR MEMBER NEWS

- Sale Reports and Member News (births, weddings, related events and obituaries) may be submitted for inclusion in the forthcoming Red Angus Magazine by emailing content to media@redangus.org.
- Regional and Local Show Results (RAAA staff will compile National Show results), may be submitted for inclusion in Buckle and Banner by emailing erin@redangus.org.

RED ANGUS CONVENTION INFORMATION

HOST AREA ROTATION

Schedule of host area shall rotate as follows:

- 2021 Area 1 – West
- 2022 Area 2 – Montana
- 2023 – Denver
- 2024 Area 8 – Southeast
- 2025 – Denver
- 2026 Area 4 – Southwest
- 2027 – Denver
- 2028 Area 6 – Great Plains
- 2029 – Denver
- 2030 Area 3 – Rocky Mountains
- 2031 – Denver
- 2032 Area 5 – North Plains
- 2033 – Denver
- 2034 Area 9 – Midwest
- 2035 – Denver
- 2036 Area 7 – Northeast
- 2037 – Denver
- 2038 Area 1 – West
- 2039 – Denver
- Rotation recycles according to the above schedule starting in 2040 with Area 2.
- Rotation subject to redistricting every five years.
- Rotation subject to interruption from special anniversary conventions

APPROPRIATE CONVENTION DATES

Schedule should follow the below guidelines and like the site selection, must be approved by the RAAA Board of Directors.

- The opening day of RAAA's annual meeting should be no earlier than September 1st or no later than October 15th.
 - Hosting areas/affiliates may offer alternative days of the week, if it appears such variation in schedule is advantageous for overall Convention pricing, or it increases the availability of educational opportunities and/or area attractions.
- Pre/post-Convention meeting(s) and/or tour(s) notwithstanding, the RAAA National Convention should be scheduled to take place Wednesday - Friday of the chosen week.

SITE SELECTION

- The RAAA Board of Directors must approve the venue proposed by the host area.
- Affiliate Associations within the host area will be asked to present Convention proposals.
- Events such as consignment sales and/or shows should not be planned in conjunction with the Convention. Such events tend to reduce member's participation in Association business.

VENUE CONSIDERATIONS

- Hotel
 - Guest Rooms
 - Minimum 200-275 attendees
 - Parking and Wi-Fi should be included in the room cost.
 - Airport shuttle
 - Determine cost, if any, and distance
 - Restaurant and lounge in hotel is preferred
 - Breakfast available
 - Within walking distance is acceptable
 - Meeting Room
 - In a hotel or walking distance to Convention center/etc.
 - Food Service: banquet/catering options
 - Hotel quality evaluation
 - Food: quality and quantity of food available
 - Staff: friendliness, willingness to help, general attitude of accommodation
 - Cleanliness: overall cleanliness and appearance of hotel
 - Board Meeting Rooms

- Rooms for Directors/Staff at least two nights prior to Convention Opening
 - Liability Insurance requirements
 - Overflow accommodations
 - Availability, proximity and cost
- Airport
 - Distance from hotel
 - Daily flights/number of airlines
- Rental Car necessity/availability