

Simbrah Registry – Breed Classification

Notice of Updating HerdBook's Programming Logic – Purebred Simbrah Classifications

In September of this year, the Trustees and Staff of ASA were notified of a concern regarding the Purebred Simbrah classification some animals received. Upon an in-depth review, ASA determined that the programming logic in HerdBook Services (herdbook.org) from 2013, gave an animal a Purebred Simbrah classification where another interpretation would classify these same animals as Percentage Simbrah.

The ASA Board met on Monday, November 28, 2022 and passed two resolutions which clarified the interpretation of the programming logic to be used for the Simbrah Registry – Breed Classification and provided for the implementation of the clarification.

The updated programming logic was implemented on December 15, 2022, (the “2022 Programming Logic”).

This notice is to inform the membership of records currently classified as Purebred Simbrah (referred to as the 2013 Programming Logic) where the 2022 Programming Logic will classify these same animal records as Percentage Simbrah. The ASA Board has made the following provisions regarding implementation of the updated programming logic – you may retain the Purebred classification by meeting the requirements set out below or you may accept the classification from the 2022 Programming Logic.

At the end of this notification is a flow chart to assist in understanding the options to consider.

Simbrah Registry – Breed Classification

Options to Consider

A. To Keep the Purebred Simbrah Classification – animal records/registrations existing in HerdBook prior to implementation of the 2022 Programming Logic are able to retain the Purebred Simbrah classification, if desired, by meeting the following requirements:

- i. DNA (using TSU samples) – parent verification to both parents. Deadline: all samples (animal, dam and sire) must be received at ASA's lab by March 1, 2023. See explanation #1
- ii. The original dam and sire reported must be the parents confirmed by DNA parent verification.
- iii. A new certificate will be issued with an asterisk after Purebred Simbrah classification (Purebred Simbrah*). See explanation #2.
- iv. Matings: when determining the Simbrah Classification for offspring, the 2022 Programming Logic will be used for both parents. This means your animal record may carry the Purebred Simbrah* classification; however, this animal's Simbrah percentage will be used in determining its offspring's classification. See explanation #3.

B. To Receive the Purebred Simbrah Classification – using the 2013 Programming Logic for animals not yet reported or registered prior to December 31, 2023. (Where under the 2022 Programming Logic, the animal record would be a percentage Simbrah.)

- i. The animal record must be on file prior to December 31, 2023 indicating it is a Simbrah animal. Registration may be later if desired.
- ii. The animal record/registration will carry the 2022 Programming Logic Simbrah Classification until the DNA (TSU sample) parent verification to both parents completed. See explanation #4.
- iii. The original dam and sire reported must be the parents confirmed by DNA parent verification.
- iv. Matings: when determining the Simbrah Classification for offspring, the 2022 Programming Logic will be used for both parents. This means your animal record will carry the Purebred Simbrah* classification; however, this animal's Simbrah percentage will be used in determining its offspring's classification. See explanation #3.

C. To Update the Animal's Simbrah Classification – using the 2022 Programming Logic to determine the Simbrah Classification.

- i. Existing animal records/registrations – member supplies a list of animal records and/or registration numbers they would like updated using the 2022 Programming Logic.
- ii. DNA parent verification will not be required to update the Simbrah classification.
- iii. For new animal records/registrations – unless ASA is notified and DNA parent verification completed – the 2022 Programming Logic will be used.

Simbrah Registry – Breed Classifications (continues)

Notifications.

1. It is the responsibility of the seller (current owner of record) to inform an interested buyer and any sales manager of the Purebred Simbrah* classification regarding its meaning for potential acceptance/validation at shows and resulting matings. See explanation #5.
2. Registration Certificate.
 - a. A short explanation will be printed on the certificate with a link providing more detailed information.
 - b. A notification sheet included with paper certificates when mailed to inform current owner of records the Purebred Simbrah* classification.
 - c. Online/digital certificates will also carry the explanation.
3. Social Media. Announcements will be posted explaining the transition from the 2013 Programming Logic to the 2022 Programming Logic with a link providing more detailed information.
4. The *Register* will carry announcements periodically throughout 2023 with a link providing more detailed information.
5. Suggested Sale Terms and Conditions will carry an announcement.

Explanations

Explanation #1 - DNA Samples / Parent Verification to Both Parents

- Reference: The Lab to be used is Neogen, (the “Lab”).
- If the animal is already confirmed to both parents through the Lab – no further action is needed.
- Determine samples required – all three (animal, dam and sire) must have samples at the lab to complete parent verification; for new samples – TSU samples are required.
 - Contact ASA’s DNA Department for appropriate TSU kits.
 - If the dam or sire are deceased; a letter requesting a waiver from the Executive Committee may be submitted.
- The parentage results must confirm to the animal’s dam and sire on file before parent verification.
 - If the dam or sire is corrected (from the result of the DNA parent verification test or the member submitting a request to change the dam and/or sire) – the 2022 Programming Logic will be used for the animal’s Simbrah classification.
- All required samples must arrive at the Lab no later than March 1, 2023.
 - In the event of a sample failure – an additional 30 days will be allowed to the Lab submit a new sample.
- ASA will pay the Lab costs for parent verification.
 - If member chooses the 100K test; ASA will reduce the cost by \$18.00.

Explanation #2 - Printing / Displaying the Classification Purebred Simbrah* (5/8 SM 3/8 BR*)

- The Purebred Simbrah* classification denotes the classification given using the 2013 Programming Logic.
- ASA will recognize this classification on registration certificates, digital certificates, and HerdBook displays online.
- The Purebred Simbrah* classification will not be used in determining its offsprings’ classifications.

Explanation #3 – Matings / All Mating Results will use the 2022 Programming Logic.

- Any animal record with the classification of Purebred Simbrah* will use the 2022 Programming Logic classification for this animal when determining its offspring’s classification.
- Examples: Purebred Simbrah* (2013 Programming Logic) – with the 2022 Programming Logic for the same animal: 5/8SM 1/4BR 1/8OB.
 - Matings for Offspring to be classified as Purebred Simbrah (2022 Programming Logic).
 - $(5/8SM\ 1/4BR\ 1/8\ OB) \times 5/8SM\ 3/8BR = \text{Purebred Simbrah}$
 - $(5/8SM\ 1/4BR\ 1/8\ OB) \times 1/2SM\ 1/2BR = \text{Purebred Simbrah}$
 - Mating for Offspring to be classified as a percentage Simbrah (2022 Programming Logic).
 - $(5/8SM\ 1/4BR\ 1/8OB) \times 3/4SM\ 1/8BR\ 1/8OB = 5/8SM\ 1/4BR\ 1/8OB$
- Simbrah Registry / Breed Classification – 2022 Programming Logic
 - General – To Qualify for the Simbrah Registry
 - The combination of Simmental and Brahman blood must be 5/8 or greater.
 - The other breed or combination of others breeds must be 3/8 or less.
 - Minimum of 1/8 Simmental required
 - Minimum of 1/8 Brahman required
 - General – Determining Percentages:
 - The Simmental portion uses the Simmental Classification Chart to determine its percentage.

- The Brahman portion uses the average of its parents rounded to the nearest 8th. Rounding up or down may occur.
 - Other Breeds portion uses the average of its parents rounded to the nearest 8th. Rounding will be adjusted to include other breed percentages. If more than one breed is below 1/8 – they will be combined and listed as “mixed”.
- General- Rounding to the Nearest 8th:
 - Where both Brahman and other breeds need to be rounded – Brahman will round up and other breeds round down.
 - If other breeds do not need rounding; Brahman will round appropriately.
- Purebred Simbrah - 5/8SM 3/8BR
 - Must have 1/16th or less of other breeds to qualify
 - The 1/16th or less will not be recognized
- Percentage Simbrah
 - Does not meet the Purebred Simbrah qualifications
 - Does meet the qualifications needed for acceptance in the Simbrah Registry (review above items labeled: General).

Explanation #4 – Records/Registrations accepted into HerdBook after the implementation of the 2022 Programming Logic.

- The initial Simbrah classification will be from the 2022 Programming Logic.
- Once DNA parent verification (see explanation #1) completed and confirmed to the original dam and sire reported – the owner must notify ASA requesting the 2013 Programming Logic Simbrah Classification.
 - Staff will use the 2013 Programming Logic to verify and if it qualifies, the animal record will reflect the Purebred Simbrah* classification.

Explanation #5 – Notification to Potential Buyer and/or Sales Manager.

- It is important for the potential buyer to understand an animal record/certificate carrying the Purebred Simbrah* classification.
 - Purebred Simbrah* classification will be a permanent status once all qualifications are met.
 - Matings using this animal will use the 2022 Programming Logic classification
 - Current owner of record has the option to update the Purebred Simbrah* classification to the 2022 Programming Logic.

IMPORTANT DEADLINES:

March 1, 2023 – DNA- parent verification to both parents for animal records existing in HerdBook now.

December 31, 2023 – Animal records must be placed on file prior to December 31, 2023 to receive the Purebred Simbrah* classification (and DNA parent verification completed)