

SIMBRAH (SIMBRA) BREEDING PROGRAMS

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Simmental Australia

Simbrah (Simbra) breeds have been developed in a number of countries to combine the productivity traits of Simmental with the Adaptive traits of Bos indicus breeds, (principally Brahman). As such the Simbrah (Simbra) breed is growing in popularity for use in tropical and sub-tropical environments.

Variations exist between these countries in the Simbrah (Simbra) breeding programs used.

These programs are outlined briefly in this paper and in more detail in following papers.

Details of Simbrah (Simbra) breeding programs from other countries will be added to this section of "Simbeef Information Kit".

Australian Simbrah

Definitions: Program designed to be flexible, to produce Simmental and Bosindicus content to suit differing environments.

Registered Purebred Simbrah	From 30% to 70% Simmental AND From 30% to 70% Bos indicus Dam = Registered Purebred Simbrah OR Registered Simbrah Sire = Registered Purebred Simbrah, Registered Simbrah, Simment
Registered Simbrah	From 25% to 75% Simmental AND From 25% to 75% Brahman Dam = Registered Purebred Simbrah, Registered Simbrah, Percenta Simmental or Bos indicus Sire = Registered Purebred Simbrah, Registered Simbrah, Simment
Recorded Percentage Simbrah	From 15% to 85% Simmental AND From 15% to 85% Brahman Dam = Any Breed Sire = Registered Purebred Simbrah, Registered Simbrah, Simment

South African Simbra

Definitions: Stabilisation program from F1 to F4.
75% Simmental : 25% Brahman composition from F1 or F2
Cum levels.

FEMALE	SIRE	PROGENY
(A) 50% Simmental 50% Brahman	Registd Simmental	Registd F1
OR		
(B)75% Simmental: 25% Brahman	----- >	Registd F1 Cum
F1 or F1 Cum	F1, F2, F3 or F4 Single or Multiple Bull Mating	F2
	F2, F3, or F4	

F2	Single Bull Mating	F3
F3	F3, or F4 Single Bull Mating	F4

USA Simbrah

Definitions: Program designed to be flexible, to produce Simmental and Bosindicus content to suit differing environments and markets.

Registered Purebred Simbrah	62.5% Simmental : 37.5% Brahman
Recorded Percentage Simbrah	Minimum of: 62.5% Simmental : and 25.0% Brahman To: 37.5% Simmental : 62.5% Brahman

SOUTH AFRICAN SIMBRAH BREEDING PROGRAM

SIMBRA

The desirable characteristics of the world-wide popular Simmentaler and Brahman breeds are being stabilised by means of the proven F1 to F4 breeding method.

HOW TO GET STARTED . . .

1. Join the Simbra Section of the Simmentaler Society.
2. Purchase F1, F2, F3 and/or F4 Simbra of registered Simbra breeders (contact us for a list of breeders) **AND / OR**
3. Breed your own Simbra by starting with **BASIS** cows (method A below) and / or by presenting **CUM** cows (method B) for inspection as explained below.

SIMBRA STABILISING PROGRAMME

METHOD A

• Cows/Heifers which, according to the "eye" of the inspector, qualify as halfcross Simmentaler / Brahman crossing.
• No certificate is issued and identification occurs by means of any system (branding, ear tags, ear-coding, etc.)

X
MORE BULL
OR SINGLE
MATING

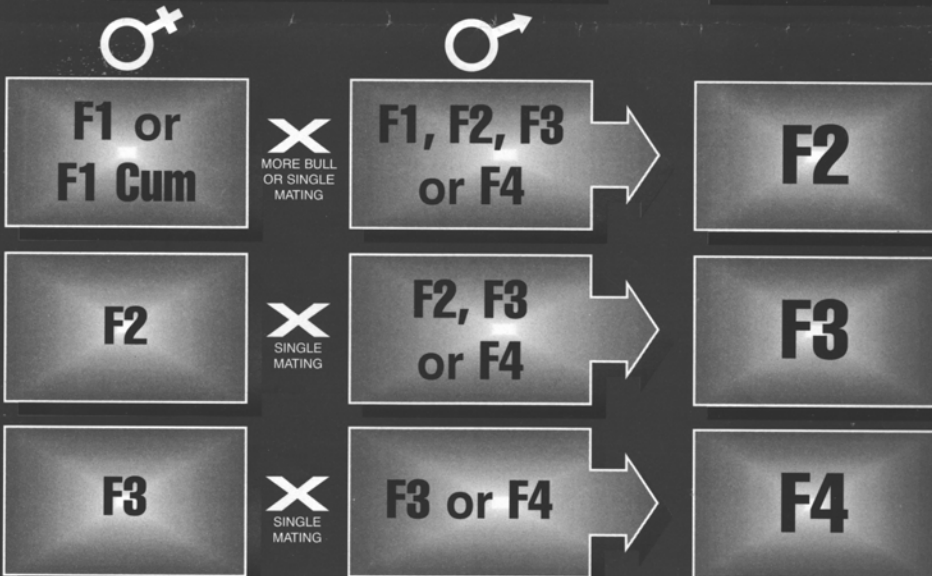
• Registered Simmentaler Bull

• F1 male and female calves are tattooed in the ear and notified by means of a birth notification.
• Issuance of certificate

METHOD B

• Structural correct cows/heifers which, according to the "eye" of the inspector, qualify as $\pm 3/4$ Simmentaler x $1/4$ Brahman are recorded as F2 Cum.

• F1 Cum registration by "direct recording" in herd book.
• Ear tattooing in terms of the rules.
• Issuance of certificate

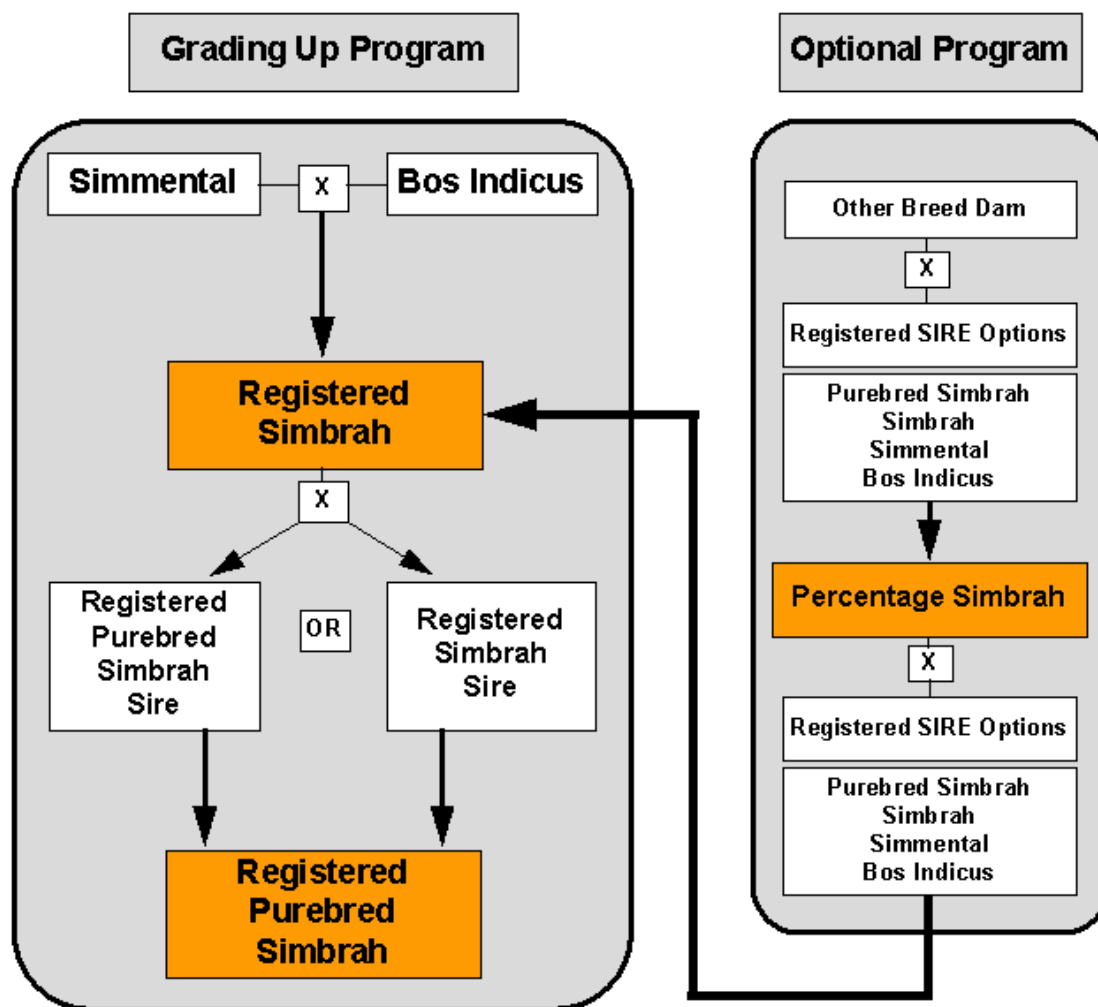


The **SIMBRA** Section
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AUSTRALIAN SIMBRAH BREEDING PROGRAM



Genetic Content	Simm %	Bos Ind %
Simmental	100	0
Bos Indicus	0	100
Percentage Simbrah	15-85	15-85
Registd Simbrah	25-75	25-75
Registd Purebred Simbrah	30-70	30-70

AUSTRALIAN SIMBRAH

BREEDING PROGRAM GRADES

Registered
**PUREBRED
SIMBRAH
(PS)**

Simmental: 30% - 70%
Bos Indicus: 30% - 70%
Other Breed: Max 15%

Sire = Registered Purebred Simbrah, Simbrah,
Simmental or Bos Indicus

Dam = Registered Purebred Simbrah or Simbrah

Registered
**SIMBRAH
(S)**

Simmental: 25% - 75%
Bos Indicus: 25% - 75%
Other Breed: Max 25%

Sire = Registered Purebred Simbrah, Simbrah,
Simmental or Bos Indicus

Dam = Registered Purebred Simbrah, Simbrah,
Simmental, Bos Indicus or Percentage Simbrah

Recorded
**Percentage
SIMBRAH
(SB)**

Simmental: 15% - 85%
Bos Indicus: 15% - 85%

Sire = Registered Purebred Simbrah, Simbrah,
Simmental or Bos Indicus

Dam = Any Breed

Registered
**SIMMENTAL
(P or 3)**

Purebred or 7/8 Simmental registered with ASBA

Assigned 100% Nominal Simmental Genetic Content
in Simbrah Program

Registered
**Bos Indicus
(B)**

Purebred Bos Indicus registered with recognised breed
society and admitted by ASBA to its Bos indicus sub
register.

In Simbrah Program, assigned Nominal Genetic Contents:
0% Simmental and 100% Bos indicus

**BASE DAM
(0)**

To Produce Registered Simbrah progeny:

(1) Registered Purebred or 7/8 Simmental or Bos Indicus

(2) Unregistered Purebred or 7/8 Simmental or Bos
Indicus with statutory declaration confirming breed
content and age.

To Produce Recorded Percentage Simbrah progeny:

(1) Any breed or breed combination. Recorded with
ASBA with breed composition and age.