

**Canadian Livestock Records Corporation**  
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**CANADIAN BROWN SWISS AND BRAUNVIEH ASSOCIATION**

**BROWN SWISS RULES OF ELIGIBILITY**

1. Brown Swiss cattle records consist of three categories as follows:
  - a. "Purebred", which consist of direct and indirect imported animals from a country of origin whose herd book records are recognized by The Board of Directors and that such animals are deemed 100.0 percent pure foundation stock. The certificate of registration shall bear the designation "Purebred" for such animals.
  - b. "Purebred", which consist in female animals resulting of the Brown Swiss upgrading program described in this document and that is pure at 96.9% minimum and that the dam possesses a classification at least Good-Plus or more. The registration certificate will have the designation "Purebred" and will have with the letters "GU" following forever the registration number of the country of origin for such animals.
  - c. "Percentage", which consist in female animals that did not achieve the Brown Swiss Upgrading Program and are in a step of grading as prescribed in this document. The registration certificate will have the purity percentage for such animals and will have the letters "DR" following the registration number of the country of origin for such animals.
  - d. The above three categories of the Herd Book records are based on breeder records that have been validated by the checks and balances provided in this Constitution.
  
2. The following Brown Swiss dairy animals are eligible for registration in the Brown Swiss Section of the Association Herd Book:
  - a. An animal imported from a foreign country that is registered in the Herd Book of the country of origin, and that such Herd Book is recognized by the Board of Directors of the Association.
  - b. A female under five years of age or a male under two years of age, born in Canada, whose sire and dam are registered in the Association Herd Book.
  - c. A female five years of age and older or a male two years of age and older, born in Canada, whose sire and dam are registered in the Association Herd Book, only after approval by the Board of Directors.
  - d. A female under five years of age or a male two years of age imported in dam whose dam is registered in the Association Herd Book and whose sire is registered in the recognized Brown Swiss Herd Book in the country of origin.
  - e. A female under five years of age whose parents are registered in the Braunvieh Section provided neither parent is upgraded, and provided such female exhibits dairy type classification of good-plus or better and provided production record is equal to or better than national herd average of the year preceding. A female five years of age and older shall require approval by the Board of Directors.
  - f. A female under five years of age having one parent registered in the Braunvieh Section and the other parent registered in the Association Herd Book, provided neither parent is upgraded and provided such female exhibits the dairy type classification of Good-Plus or better, and provided that production record is equal to or better than the national herd average of the year preceding.
  - g. An animal under five years of age born in Canada, as a result of fresh or frozen semen artificially inseminated, providing both the sire and dam are registered in the Association Herd Book. An animal five years of age and older shall require approval by the Board of Directors. (The Association supports the Canadian Dairy Breeds as its aims and those regulations pertaining to semen when such regulations are applicable and when such regulations are approved by the Board of Directors of The Association and when ratified by the Canadian Department of Agriculture.)
  - h. Animals qualifying in accordance with the Brown Swiss Upgrading Program.
  
3. Blood Typing and DNA Profiles
  - a. Blood types or DNA profiles shall be filed with Canadian Livestock Records Corporation on the following animals:
    - i. Brown Swiss cattle imported from a foreign country whose Herd Book is NOT recognized by the Board of Directors of the Association.
    - ii. All Canadian born bulls that will be used as artificial insemination sires or natural mating sires.
    - iii. Animals over 12 months of age at time of application for registration shall be subject to a random parentage test of a minimum of one in every ten animals. More frequent testing may be requested at the discretion of the Registrar.
    - iv. Animals over 24 months of age at time of application for registration shall be subject to a parentage test.

v. A calf whose dam has been bred and/or exposed to two or more sires within a period of fourteen days shall be parentage tested.

4. Eligibility Rules in Force

a. The date of ministerial approval of Constitution amendments shall determine the application of the appropriate rules of eligibility in force.

5. Brown Swiss Upgrading Program

a. An upgrading program using registered purebred bulls and grade or unregistered dairy females shall conform with the following table of eligibility:

**BROWN SWISS UPGRADING PROGRAM TABLE OF ELIGIBILITY**

<u>SIRE</u>	<u>DAM</u>	<u>HEIFER CALVES</u>	<u>BULL CALVES</u>
Herd Book Status	Herd Book Status	Herd Book Status	Herd Book Status
Registered Purebred	Unregistered Dairy Animal	Reg. 50% Brown Swiss	Not Eligible
Registered Purebred	Reg. 50% Brown Swiss	Reg. 75% Brown Swiss	Not Eligible
Registered Purebred	Reg. 75% Brown Swiss	Reg. 87.5% Brown Swiss	Not Eligible
Registered Purebred	Reg. 87.5% Brown Swiss	Reg. 93.8% Brown Swiss	Not Eligible
Registered Purebred	Reg. 93.8% Brown Swiss	Registered Purebred* Brown Swiss	Not Eligible

b. \* where a 93.8% pure dam has a type classification of Good-Plus or better, her 96.9% pure female progeny are eligible for registration as a purebred. Where a 93.8% pure dam does not achieve a type classification of Good-Plus or better, her female progeny are eligible for registration as 93.8% pure.

c. The registration certificates for percentage animals will have the suffix "DR" following the registration number of the country of origin (e.g. 1568DR).

d. The registration certificates for Purebred animals and their progeny resulting of the Brown Swiss upgrading program will have the suffix "GU" forever following the registration number of the country of origin.

6. National Identification Program

a. An animal identified on the National Identification Program for Grades (N.I.P.) may be directly transferred to the upgrading program giving it the official Brown Swiss Pure percentage as follows:

A = 50%; B = 75%; C = 87.5%; D = 93.8%; P or E = Purebred

b. Any beef percentage animal registered prior to June 1, 1988 may be considered a Dairy animal for the purpose of the Dairy Table of Eligibility.

c. Animals identified in the National Identification Program for Grades (N.I.P.) are recognized for the purpose of the Dairy Table of Eligibility as follows:

N.I.P.	"A"	=	50% pure
N.I.P.	"B"	=	75% pure
N.I.P.	"C"	=	87.5% pure
N.I.P.	"D"	=	93.8% pure
N.I.P.	"E"	=	purebred
N.I.P.	"P"	=	purebred

N.I.P. "U" = 0% pure (unregistered)  
N.I.P. "X" = animals will be given an appropriate percentage  
based on their parentage

- d. Dairy Brown Swiss females are eligible for recordation if they are not eligible for registration.
7. Off-Colour Spots
- a. Any male animal having a sharply contrasting off-colour spot or spots anywhere on the body including the belly or having a white core in the switch shall not be eligible for registration.
  - b. Any female animal with any white or off colour markings above the underside of the belly or with white core in the switch does not meet colour standards and shall be designated when registered and her papers predominately marked "Off Colour Spot".
  - c. If off colour spot develops after registration, it shall be the obligation of the owner to send the registration to the proper authorities to be stamped, as outlined in "b".
  - d. The characteristic mealy band around the muzzle, the light coloured line up the back and the light area around the poll and horns shall not be considered as off colour spots.
  - e. Paragraphs a., b., c., and d. apply to Purebred Brown Swiss only.
8. Embryo Transplant Progeny
- a. Offspring propagated by embryo transplant shall be registered on the same basis as offspring propagated by natural or artificial mating, except a blood type or DNA record of the sire and donor dam must be on file with Canadian Livestock Records Corporation.
  - b. A certified Breeding Report and Embryo Transplant verification form shall be submitted with application for registration, all as required by the Association.
  - c. An embryo certificate of registration will be issued for each embryo transplant upon submission of the application for registration and report of transplant to Canadian Livestock Records Corporation.
  - d. A Standard Embryo Transplant Form shall be used, and it shall be produced in four copies. The original to be submitted to Canadian Livestock Records Corporation. The second copy remains with the transplant centre. The remaining two copies go with the recipient dam, with one copy being submitted to Canadian Livestock Records Corporation with the application for registration, and the owner of the calf retains the last copy.
  - e. An embryo certificate of registration will be issued for each flush upon submission of the application for registration and report of flush to Canadian Livestock Records Corporation. The procedure to follow is the same as for an individual embryo. One offspring per flush has to undergo a Blood Type or DNA profile.

## **BRAUNVIEH RULES OF ELIGIBILITY**

1. Braunvieh cattle records consist of three categories as follows:
- a. "Original Purebred", which consist of direct and indirect imported animals from a country of origin whose Herd Book records are recognized by the Board of Directors, and that such animals are deemed as 100.0 percent pure foundation stock. The certificate of registration shall bear the designation "Original Purebred" for such animals.
  - b. "Purebred", which consist of animals resulting from the grading up program described herein, and which have achieved a minimum purity of 98.4 percent for males and 96.9 percent purity for females. The certificate of registration shall bear the designation "Purebred" for such animals.
  - c. "Percentage", which consist of animals that have not completed the grading up program and are in some stage of grading up as described herein. The certificate of registration shall bear the designated percentage of purity for such animals.
  - d. The above three categories of the Herd Book records are based on breeder records that have been validated by the checks and balances provided in this Constitution.
2. "Original Purebred" Braunvieh
- a. The following Braunvieh animals are eligible for registration in the Braunvieh section and designated as an "Original Purebred" on the Certificate of Registration, with the prefix letter "B" preceding the registration number:
    - i. Progeny of all animals registered in the Beef Section of the Canadian Brown Swiss Herd Book, with the exception of those animals that have been graded up.
    - ii. Progeny of all animals imported from Switzerland and Germany, and their descendants which can trace back entirely to German and Switzerland pedigrees, that are registered in the Canadian Brown Swiss Herd Book, prior to the commencement of the Beef Section.
    - iii. Progeny resulting from a mating where one parent is registered in the Braunvieh Section and one parent is registered in the Brown Swiss Section, provided neither parent has been graded up.

- iv. An animal imported from a foreign country that is registered in the Herd Book of the Country of origin, and that such Herd Book is recognized by the Board of Directors of The Association.
- v. An animal two years of age and under five years of age born in Canada whose sire and dam are registered in The Association Herd Book provided parentage is verified through blood typing or DNA profiles.
- vi. Animals born in Canada, as a result of fresh or frozen semen artificially inseminated, providing both the sire and dam are previously registered in The Association Herd Book.
- vii. Animals born in Canada as a result of artificial insemination using semen from a sire who is registered in the Herd Book in a country of origin recognized by the Board of Directors, on the same basis as with the use of Canadian registered sires.
- viii. Animals born as a result of natural mating from a sire and dam who are registered in The Association Herd Book.
- ix. Animals born in Canada as a result of frozen embryos from a sire and dam registered in the Herd Book in a Country of origin recognized by the Board of Directors, on the same basis as with the use of Canadian registered sires and dams.
- x. Animals having a graded up sire or dam, will not be registered as an "Original Purebred" Braunvieh.

3. "Purebred" Braunvieh

- a. In order to facilitate the development of Braunvieh cattle in Canada through the widest possible genetic base, The Association will encourage breeders to engage in an grading up program using registered "Original Purebred" bulls and grade females or registered "Purebred" bulls and grade females. Any female that is not registered in the Herd Book and is entered in the first step of the Braunvieh Grading Up Program is considered to be a grade.
- b. Upgrading shall conform with the following Table A:

**Braunvieh Grading Up Program of Eligibility - Table A**

Sire Herd Book Status	Dam Herd Book Status	Heifer Calves Herd Book Status	Bull Calves Herd Book Status
Registered Purebred	Grade	Reg. 50% Pure	Not Eligible
Registered Purebred	Reg. 50% Pure	Reg. 75% Pure	Not Eligible
Registered Purebred	Reg. 75% Pure	Reg. 87.5% Pure	Not Eligible
Registered Purebred	Reg. 87.5% Pure	Reg. 93.8% Pure	Not Eligible
Registered Purebred	Reg. 93.8% Pure	Reg. 96.9% Purebred	Not Eligible
Registered Purebred	Reg. 96.9% Pure	Reg. 98.4% Purebred	Purebred
Grade	Reg. Purebred	Reg. 50% Pure	Not Eligible

- c. Parent stock must be registered through each phase of grading up.
- d. Bulls are accepted as "Purebred" and eligible for registration as "Purebred", if they are at least 98.4 percent pure.
- e. Bulls will not be registered which are less than 98.4 percent pure.
- f. Heifers are accepted as "Purebred" and eligible for registration as "Purebred", if they are at least 96.9 percent pure.
- g. Heifers will not be registered as "Purebred" which are less than 96.9 percent pure.
- h. Each animal that is accepted as a "Purebred" as described in sub-paragraphs "d" and "f" shall be designated as a "Purebred" on the certificate of registration, having the registration number preceded with the prefix "BG".
- i. Each animal that is not accepted as "Purebred" as described in sub-paragraphs "d" and "f", but is in some stage of grading up in accordance with eligibility Table A, shall be designated with a percentage of purity on the Certificate of Registration. The registration number on such certificate of registration shall be preceded with the prefix "BR".
- j. An animal registered in the Beef Section of the Canadian Brown Swiss Herd Book under the Beef grading up Program, will qualify in The Association Herd Book as follows:
  - i. Where the animal is "Purebred" in accordance with the grading up program as defined in the Beef Section and has been registered as a "Purebred", it will be accepted as a "Purebred" Braunvieh.
  - ii. Where an animal is not considered purebred in accordance with the grading up program defined in the Beef Section and has been registered as a percentage animal, it will be accepted as a "Percentage" Braunvieh at the same percentage level.
  - iii. The percentage pure in any mating will be calculated by adding the two parents' percentages and dividing by 2 to determine the registered percentage pure.
- k. In the first generation of grading up, a registered purebred dam may be used in lieu of a sire.

4. Blood Typing and DNA Profiles
  - a. Bloodtypes or DNA Profiles (Genotypes) shall be filed with Canadian Livestock Records Corporation on the following animals:
    - i. Braunvieh cattle imported from a foreign country whose Herd Book is recognized by The Board of Directors of The Association.
    - ii. All Canadian born bulls that will be used as artificial insemination sires or natural mating sires.
    - iii. Animals over 12 months of age at time of application for registration shall be subject to a random parentage test of a minimum of one in every ten animals. More frequent testing may be requested at the discretion of the Registrar.
    - iv. Animals over 24 months of age at time of application for registration shall be subject to a parentage test.
    - v. A calf whose dam has been bred and/or exposed to two or more sires within a period of fourteen days shall be parentage tested.
5. Embryo Transplant Progeny
  - a. Offspring propagated by embryo transplant shall be registered on the same basis as offspring propagated by natural or artificial mating except a blood type or DNA profile record of the sire, donor dam and calf must be on file with Canadian Livestock Records Corporation.
  - b. A certified Breeding Report and Embryo Transplant verification form shall be submitted with application for registration, all as required by the Association.
  - c. An Embryo Registration Certificate will be issued for each embryo transplant upon submission of the application for registration and report of transplant to Canadian Livestock Records Corporation.
  - d. A Standard Embryo Transplant Form shall be used, and it shall be produced in four copies. The original to be submitted to Canadian Livestock Records Corporation. The second copy remains with the transplant centre. The remaining two copies go with the recipient dam, with one copy being submitted to Canadian Livestock Records Corporation with the application for registration, and the owner of the calf retains the last copy.
  - e. An embryo certificate of registration will be issued for each flush, upon submission of the application for registration and report of flush to Canadian Livestock Records Corporation. The procedure to follow is the same as for an individual embryo.
6. Eligibility Rules in Force
  - a. The date of Ministerial approval of The Constitution amendments shall determine the application of appropriate rules of eligibility "in force".

### **APPLICATION FOR REGISTRATION**

1.
  - a. Prior to registration, and before reaching the age of six (6) months, each animal must be permanently identified by tattoo markings. Alternatively, identification can be done by means of electronic identification devices or tags in both ears of the animal, whose use has been approved by the Board of Directors.
  - b. Application for registration of imported animals must be made on forms supplied by Canadian Livestock Records Corporation and be signed by the Canadian Importer. Application must show date of importation, and be accompanied by a certificate issued by the foreign organization, together with other support documents as required by The Board of Directors.
2. Other requirements for importing animals are as follows:
  - (a) Canadian Livestock Records Corporation is to notify the importer as soon as registration tracings arrive in their office. The Corporation is also to notify the Association office when animals have been imported.
  - (b) Bulls being imported must be assigned a registration number in the Herd Book before semen is processed.
  - (c) Exporters of semen from foreign countries must register the respective bulls in the Association Herd Book. Exporters of semen from foreign countries must also supply blood type or DNA profile information, and the official pedigree on each respective bull, to Canadian Livestock Records Corporation.
3. Application for registration of Canadian born animals may be made using either of the following methods:
  - a. Application for registration may be made manually on forms supplied by Canadian Livestock Records Corporation. In this method, all information must be filled in by ink or typewriter. All signatures must be in ink.
  - b. Application for registration may be made by computer using Canadian Livestock Records Corporation standard file format with the information transferred onto a magnetic disk(s). The magnetic disk(s) shall be submitted in a formal manner by each applicant.
  - c. Application for registration may be made by computer using Canadian Livestock Records Corporation standard file format, with the information transferred to their computer through the use of a telecommunications modem.
  - d. Application for registration may be made by computer using Canadian Livestock Records Corporation Internet Service.

e. Applications for registration may be submitted by telephone or fax, provided the applicant has signed an agreement assuming responsibility for the accuracy of such applications and has established credit with the Association.

In either method used to make application for registration the dam must be registered in the ownership of the applicant, and the sire must be registered in the name of the owner certifying the service. Where the applicant does not own the dam, the applicant must produce a formal transfer of ownership of the embryo resulting in the animal on the application.

4. When an animal is a twin it shall be so stated when applying for registration, and the sex given for each of the twins. Should a twin be entered upon the record without such statement, no subsequent application for entry of an animal twin with the same parentage and birth date will be accepted.

5. The breeder of an animal is the owner or lessee of the dam at the time she was served and conception took place. The first owner is the owner or lessee of the dam at the time the calf was born.

6. a) The letter "P" will be used and placed after the registration number to designate the animals born polled and that have been identified like that on the registration form. The "Scurrs" that are not attached to the cranial structure must not be considered and such animals must be classified "polled".

b) When more than one abbreviation (GU, DR and P) is required for the same animal; the abbreviation for the level of purity (GU or DR) must be inscribed in first after the registration number of the country of origin and after this, the abbreviation P including a space between abbreviations (e.g. 1570GU P).

7. Each 300th application for registration of a Brown Swiss animal, and each 300th application for registration of a Braunvieh animal, a parentage test shall be carried out before the registration certificate is issued. In the case of the 300th animal's parents not being available, a substitute animal bred by the same breeder shall be selected by the Registrar.

## **TRANSFERS AND DUPLICATE CERTIFICATES**

1. In the case of the sale of an animal or embryo, the seller must furnish a certificate of registration showing the purchaser's ownership. Refusal to do so on any pretext whatever, except under written contract, shall be grounds for expulsion of a member, from the Association. In the case of non-member, further applications for registration or transfer shall be refused.

2. Applications for transfer must be forwarded with the registration certificates to Canadian Livestock Records Corporation for endorsement of the change of ownership.

3. In the case of a leased or loaned animal for breeding purposes, the form of lease supplied by the Canadian Livestock Records Corporation must be filled in in ink or typewritten and signed by the lessor and forwarded together with the registration certificate to Canadian Livestock Records Corporation to be placed on record. The lessee will in all cases be considered the breeder of the progeny of leased or loaned animals.

4. In the case of the sale of an animal for other than for breeding purposes as prescribed by regulations of The Association, the seller shall not furnish the purchaser with the certificate, but forward it with full details of the sale to the Canadian Livestock Records Corporation. The transfer of ownership of an animal so reported shall not be included in the records on the records of The Association.

5. A duplicate certificate may be issued if the registered owner or his authorized agent files a statutory declaration on a form supplied by the Canadian Livestock Records Corporation showing in a satisfactory manner that the original is lost, destroyed or unobtainable.