

A. CLONED DAIRY GOAT

Cloning by Nuclear Transfer

Animals cloned by nuclear transfer must meet all American Dairy Goat Association Rules for Registration including Documentation of Progeny

The following additional requirements shall apply to the registration of Dairy Goats resulting from cloning by nuclear transfer.

- a. Only replication cell-cloned animals shall be eligible for Registration. Genetically modified animals shall **NOT** be eligible for registration.
- b. The cell-donor animal must be DNA-marker-typed.
- c. The owner of a cell-donor animal at the time of cell collection must be identified as the PRODUCER of a cell-cloned offspring.
- d. The owner of record of the cell-donor, on the date of biopsy removal, will be identified as the first owner, unless the kid is a result of a pregnant recipient with an application for embryo transfer, purchased embryo, fresh or frozen, in which case the purchaser may be identified as the first owner.
- e. DNA-marker-typing of the cell-cloned animal and recipient dams **is** required by the Association.
- f. Dairy Goats conceived after death of cell-donor animals shall be eligible for registration under the same conditions and provisions governing the eligibility of kids prior to the death of said animal.
- g. Registration of animals cloned by nuclear transfer shall be made on a special form, provided by the Association, at the regular fee, plus an additional fee as determined by the Board of Directors.
- h. Registration certificates issued for animals cloned by nuclear transfer shall be so designated. The registration number of the animal, which is being cell-cloned, shall also be stated on the certificate of registration
- i. The sire and dam of the clone will be the same as the sire and dam of the source animal, fetus or embryo.
- j. Registration numbers on registration certificates of animals cloned by nuclear transfer shall be designated as such by ending in "CLN"
- k. Registration of all progeny from animals cloned by nuclear transfer shall be made on regular forms and registration certificates. Classification will be to the appropriate herd book.
- l. Registration numbers on registration certificates of all goats with an animal cloned by nuclear transfer in its pedigree shall be designated as such by ending in "CP"

Nothing set forth herein should be construed as an indication that the American Dairy Goat Association takes any position as to the ownership rights, if any, of retained cell material. That is a separate matter reserved for discussion or negotiation between the buyer and seller.

B. DOCUMENTATION OF PROGENY RESULTING FROM CLONING BY NUCLEAR TRANSFER

1. The Cell-clone collection and/or transfer facility or laboratory must maintain the following information and provide the same to the owner of the resulting cell-clone transplant embryos.

a. Record of Donor tissue removal (biopsy)

1. Registration number and permanent ID of donor
2. Date of removal
3. Signed authorization from donor fetus, embryo or animal owner
4. Name and signature of individual performing operation

b. Record of cell-clone transplant embryo transfer

1. Date of transfer
2. Permanent identification of recipient (tattoo, microchip, etc.)
3. Name of individual performing operation

c. Record of progeny if kidded at a laboratory

1. Date of birth
2. Number and sex of kids
3. Permanent identification of kids
4. Permanent identification of recipient

2. Properly completed clone-cell transplant tissue removal, embryo transfer and implant memos must contain the above information and must accompany the Application for Registration of said animals derived from this specific procedure.

3. Sellers of genetic material, cell-clone transplant derived embryos and/or animals shall provide buyers with copies of all the properly completed cell clone transplant tissue removal, recovery, and transfer memos or documentation for any and all genetic material, cell-clone transplant derived embryos and/or animals sold. These forms in a completed state must accompany all other forms filed with ADGA when registering animals cloned by nuclear transfer or the progeny of animals cloned by nuclear transfer.