



# Collecting Hair Samples

## FOR DNA STORAGE & PARENTAGE VERIFICATION

**Applications for Registration for purebred animals will not be accepted without hair samples.**

**H**air samples are required on ALL purebred Boer goats, whether Traditional or Canadian (bred-up). The CMGA has a Random Parentage Verification Program that selects every 100th purebred animal for parentage verification. This program is unique in the goat world, and ensures the integrity of Canadian Boer goat pedigrees.

Please Note: It is essential to take every possible measure to NOT contaminate the hair sample! The hairs that are placed in the sample envelope must all be from only the animal described on the envelope. Potential contaminants include hair from other animals and faecal matter.

1. Hair samples should be taken from an area where the coarsest and longest hairs are located; we recommend the tail brush.
2. Brush the area well to remove all loose hair, dirt, manure.
3. PULL (do NOT clip!) 30-40

hairs. Grasp the hairs close to the skin and pull firmly. You may find a pair of pliers useful for this – but be sure to

clean them between animals.

4. Examine the ends of the hair strands for the presence of root bulbs. The lab requires hairs with the follicles (roots) attached. If the majority of the hairs do not have root ends, discard the hair and pull another sample.

5. Place the hair in the sample envelope and seal it tightly closed. Immediately label the envelope with the animal's tattoo and the other required information. Unlabelled or incompletely identified samples will not be accepted.

6. Repeat the process for each animal to be tested. Clean your hands of any hair or debris between animals to prevent cross-contamination.

7. Place all the sealed, identified samples in a larger envelope or package, along with the completed Applications for Registration and the appropriate fees. Note that Applications for Registration for purebred animals (Traditional, Purebred, or Canadian Purebred) will not be accepted without accompanying hair samples. The correct fee must also accompany all Applications for Registration, otherwise the Applications will be returned to you, unprocessed. Please consult the CMGA Office or web site for current fee information.

**TATTOO/ TATOUAGE:** \_\_\_\_\_

**HAIR SAMPLE ECHANTILLON de POILS**

Animal Name/Nom de l'animal: \_\_\_\_\_

Sire Reg #/No. enregistrement du père : \_\_\_\_\_

Dam Reg #/ No. enregistrement de la mère : \_\_\_\_\_

Submitted by/Soumis par: \_\_\_\_\_ CBGA #/ No. du CBGA \_\_\_\_\_

Office Use Only/Usage interne seulement  
DNA #/No. ADN: \_\_\_\_\_  
Reg. #/No. d'entreg: \_\_\_\_\_

A completed Application for Registration must accompany this sample.  
Une feuille d'application pour enregistrement doit être remplie et doit accompagner cet échantillon.  
Only one sample per envelope/Seulement un échantillon par enveloppe.

Agriculture and Agri-Food Canada

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