

WHAT COLOR ARE YOUR GENES?

For more information on color genetics, here are some links to follow. Since color is very important in horses and dogs, there is a lot of research into this field of study. So these sites are about other species, but the idea behind the color study is the same.

<http://www.vgl.ucdavis.edu/services/coatcolor.php#basic>

<http://colorgenetics.info/>

www.hlrc.com/Articles/colorgenetics.html

<http://www.doggenetics.co.uk/>

genetics.thetech.org/original/colorgen.html

www.ncbi.nlm.nih.gov/NCBI/Literature/Bookshelf

DIRECTORS & COMMITTEES

Executive Director:

Elise Anderson

Vice Director:

Anthony Iannucci

Secretary/Treasurer:

Rachel Anderson

Fundraising Committee:

Linda Wilmoth

Publications Committee:

Rachel Anderson

Erin Cooper

Denise Ludwig

Supported Show Committee:

Kathy Autry

Elise Anderson

Specialty Show Committee:

Molly Crum

Elise Anderson

Working Wether Committee:

Cindy Kettunen

Youth Program:

Sarah Love Davis

Ken Feaster-Eytchison

Product Committee:

Deb Schneider

IT: Frank Corker

Volunteer Coordinator:

Ken Feaster-Eytchison

Dear Friends of Black Oberhasli,

I have the most exciting news!

Dr. Phillip Sponenberg, is a geneticist and professor at the Pathology and Genetics Research Institute at Virginia-Maryland Regional College of Veterinary Medicine in Blacksburg, VA. As many of you already know, black Oberhasli have always left goat farmers and geneticists scratching their heads, as their random appearance has never followed any predictable genetic pathway. Even black to black Oberhasli breeding's create bay as has been proven over and again in several goat breeders barns, including my own. Well, after years of scratching his own head, Dr. Sponenberg has generously agreed to head up a study for us all on the color genetics behind the black Oberhasli! What's more, this project is likely going to be funded at no expense to us!

I am working with several Oberhasli breeders across the country in order to gather the DNA samples we need for this project. We will need DNA samples from at least 50 goats for this study. We need hair with the hair roots attached.

Please note the procedures for gathering the DNA, how to avoid cross contamination, how to avoid mold and fungal growth while it is in its storage container. (Paper envelope.) Also note, we do not need a witness signature, as noted in the video. We do however, need other pertinent information. For each separate sample, please write on the outside of the envelop the following information:

- Name of Animal who donated the hair sample. Plus that animal's ID number and color.

- We also need the name, ID number and color of both parents of the animal which donated the hair sample.

- Finally we need the color and number of offspring each animal has produced. This information is needed for the parents as well as the animal who is donating the hair sample. It includes all live births, full term still born offspring, and all registered and unregistered offspring. Male and female.

Try to be as accurate and complete as possible, in order to give the researches as much information about the animal's color as it relates to genetics as possible. Omit non-related information, like milk records, show re-

cords, etc. But if, for example, you do not know color related information, leave it out. For example, a buck used for outside stud service where color of any progeny produced are unknown.

If an animal is unregistered with no ADGA ID. You can create your own ID number for that animal. Call it animal # 84, for example.

Dr. Sponenberg is hopeful that we will only need 50 samples and these samples can include bay animals. But as many of these samples as we can get should be within family lines who are known to carry black. This needs to be a three generation line. So for example, bay parents with their hair samples, a black progeny with its hair sample, and bay or black offspring with its hair sample, from that black animal when bred to bay or black with its hair sample.

We certainly will want to include a few animals who have no black in their recent pedigree at all, as a cross comparison. And animals without a family chain of hair samples can be included.

IF we need more samples, we will get them!

Included is a spread sheet for you to use with your animal, if that is helpful. (You may also contact Raspberry privately). This spread sheet also makes the information more visual, and so may be more useful in relaying the information.

Please mail DNA hair root samples to the address listed below. They will be collected and forwarded to Dr. Sponenberg when we have all the information we need.

With everyone's help, we will finally know how black Oberhasli can come from bay to bay breeding's, and why black to black Oberhasli breeding's produce bay! This is a really exciting new development in the dairy goat world, especially among Oberhasli breeders. I do hope you chose to participate in the study, and will help spread the word.

Thank you!

Raspberry
930 SE Alexander
Corvallis, Oregon 97333
raspberry@iinet.com

PROCEDURE

Hair Sample Collection Instructions:

Check the ear tag / id number of animal; record it on the hair sample envelope. Clean the sample area to remove dirt or other contaminants.

Use bent nose, long nose or needle nose pliers to collect the sample.

Pull a tuft of hair from the leg, just above the toes. Pull the hair Directly Away from the skin, Not at an angle. This will allow the root to come out with the hair. Take at least three pulls.

Inspect the hairs sample to ensure at least 40 hair follicles or roots. The roots are easy to see in goats (like human hairs with bulb at the end).

Note: Do Not cut the hair from the animal. The hair Must Contain Roots for DNA testing. Avoid touching the roots and make sure the hair is dry.

Place the sample in the hair sample envelope, and then seal the envelope. Do not put hairs in a plastic bag.

Fill out remaining information lines on the envelope.

Remember: Cleanse hands and pliers between animal samples to ensure that hairs from different animals are not mixed.

SEMEN BANK

OBERHASLI SEMEN BANK

Through generous donations, the Oberhasli Goat Club now offers a semen bank for its members in good standing. To be eligible, a member must have paid the current year's dues. The "withdrawal" limits start over each calendar year (Jan 1 – Dec 31), and there will be no roll over from previous years. Semen is available on a first request; first filled basis – no holding semen.

In addition to the FREE 10 Straws (limit 3 per buck) that each member is eligible to receive, members may buy additional semen for a flat rate of \$5 per straw. All semen is limited to the available inventory.

Transportation is the responsibility of the receiver, delivery to destinations on my itinerary is free. Free use of my shipper is also available for a \$25 LN2 charging fee – we have UPS and FedEx pick up from zip code 32043. If you use my shipper, you may ship it back via UPS or FedEx ground. If you send a shipper via ground and it needs to be charged before sending it back with your semen, the \$25 LN2 charge fee applies.

The semen inventory will change on a quarterly basis, as new semen arrives. I will try to keep a current list posted to the website, and include an inventory with each newsletter. You may request a current list via e-mail at any time.

All semen is available on a "as is – where is" agreement. I make no guarantees as to the quality or viability of the semen. I am confident that it has been maintained in a proper manner before coming into my possession. For the duration that the semen is in my care, I will do my upmost to store and handle it in a proper manner. This semen is stored in the same tanks that I store my personal 'priceless' semen in, and I plan to use some of the same semen for my own breeding program. All semen offered has been verified to have proper paperwork filed with ADGA.

CLASSIFIEDS

FOR SALE OR TRADE

Foundation pure Zebu calves, excellent pets, companions, breeding stock. For hay, dairy goats, equipment. Ask we might!
Mullins Croft Farm
(813)653-3441
mullinsmules@aol.com

Luv Your Mug!TM
Shaving Soap With Slip!
Got Sensitive Skin?
I Luv Your Mug!TM, You should too.
Please visit our website for a full list of products and herd information.
Wild Branch Naturals
(715) 696-3286
www.yahswildbranch.com

Milking does, buck service and kids available for sale, trade, or barter depending on availability from a small herd.
The Michael Havener Family
(330) 729-9099

Ober Bucking for sale! I have decided not to use him as I have his 2 sisters. One went Jr Best in Show at the Clark County Fair, and the other was Res Champion. He is a very nice and correct buck with great lines.
Reg Number: B001625105
I would like to see him get used. I am asking \$250 firm. Call Penny to come and see him at 360-600-3955. I am in Kalama, WA

Animals, hay, equipment, for sale or trade.
Contact Rachel Anderson @ chaoskos@gmail.com or P.O. Box 898
Green Cove Springs, FL 32043

The first 25 words are free for members with .10 per word after. Non members are .10 per word. Please include contact information when sending in classifieds

| BUCK | PB/AM | ADGA # | Straws Available |
|-------------------------------------|-------|-----------|------------------|
| Aplenglow Mr Sinbad | AM | AB0991988 | 7 |
| Cardinal-Lanes Prophecy | PB | B1214875 | 20 |
| Cardinal-Lanes Valiant Patrick | PB | B1001107 | 10 |
| GCH SV Nostalgic Loverboy Supreme | AM | AB0764517 | 2 |
| Gretchenhof Crimson Tyde | PB | B1214699 | 30 |
| Gretchenhof L. Tristan (polled) | BP | B1115205P | 50 |
| Highwater Alchemist | AM | AB0829523 | 65 |
| Highwater Hal | AM | AB1085431 | 4 |
| Highwater Hellzapoppin | AM | AB1100817 | 20 |
| Highwater Sasha | AM | AB0802404 | 40 |
| Highwater Troubadour | AM | AB1183109 | 10 |
| Hyonahill Anything Goes | AM | AB0916338 | 10 |
| Lyme Kiln O A Steppenwulf | PB | B0694939 | 5 |
| Meadowsong Ace Remus | PB | B0958132 | 29 |
| Meadowsong Alec Levi | PB | B0963102 | 10 |
| Meadowsong Cody's Manfred | AM | AB1068004 | 9 |
| Meadowsong D. Xergio | PB | B1076964 | 35 |
| Meadowsong Levi Amos | PB | B1014128 | 20 |
| Meadowsong Owen Asset | PB | B1135851 | 13 |
| Meadowsong Rewind Dmitri | PB | B1068017 | 10 |
| Meadowsong Rewind Yuri | PB | B1067992 | 10 |
| Meadowsong WD Aristocrat | PB | B1076955 | 10 |
| Meadowsong Winner's Rupers (polled) | PB | B1014126P | 5 |
| Mornim's Firefox | AM | AB1035000 | 9 |
| Prancing Conan The Barbarian | PB | B0931580 | 18 |
| Prancing Geronimo | PB | B1082676 | 25 |
| Prancing Hedrick's Hey Joe | PB | B0102510 | 10 |
| Prancing Lasher of Aplenglow | PB | B0991500 | 37 |
| Prancing Neanderthal Man | PB | B0897611 | 8 |
| Seekhaven-Farm Ezekiel | AM | AB1077842 | 18 |
| Seneca Valley's Felix | AM | AB0643945 | 30 |
| SG Clovertop's Salvadore | AM | AB0839930 | 20 |
| SG Windrace Farm Saturn N Zeus | AM | AB1001913 | 10 |
| The LLL Apollo Thirteen | AM | AB1088916 | 20 |
| Tonka-Tails Hawkeye N The Wild | AM | AB0966749 | 10 |
| Tonka-Tails Sir Chesterfield | PB | B0832753 | 20 |
| Windrace Farm Bo Aztec | AM | Ab1033724 | 18 |
| Windrace Farm Jester | AM | AB1085439 | 80 |

MEMBERS...

The end of the year is fast approaching. Which means that paperwork for the Awards Programs are going to be due soon. If you had any champions, milkers on top ten, etc... please send the paperwork so we can celebrate these accomplishments.

Also, anyone interested in a specialty or supported entry for their show, send in the form as soon as possible.

We would also like to thank everyone that donated/made/sent items for raffle at the OGC booth at the national convention.

The OGC was planning on doing another calendar, but time and money did not permit. We are hoping to be able to have it next year.

If you have anything you wish to share with the other members, let the newsletter know and it can be added in.

Submissions to the newsletter can be sent either by mail:
P.O. Box 898 Green Cove Springs, FL 32043
or email: chaoskos@gmail.com

Issue
First Quarter: Jan. Feb. Mar.
Second Quarter: Apr., May., Jun.
Third Quarter: Jul., Aug., Sept.
Fourth Quarter: Oct., Nov., Dec.

Deadline
December 20
March 20
June 20
September 20

Ad sizes and rates:

1 1/2" x 3" \$10.00/issue \$35.00/year
3" x 6" \$25.00/issue \$85.00/year
4 1/2" x 3" \$35.00/issue \$120.00/year
4 1/2" x 9" \$50.00/issue \$350.00/year

All articles have been reprinted with permission of the author / owner.