



B & D Genetics Buck Management and Collection Information

We would like to thank you for selecting us to perform your buck collection for you. This packet is our guide of what preparations will need to be made by the host facility and individual participants. We hope you find this informative and helps answer any questions you may have. If you have any additional questions do not hesitate to call our office.

Buck Preparation

1. Cleaning Out Prior to Collection

To have the healthiest sperm present from your buck the day of collection it is a good idea to have him "clean out" prior to collection. This is generally done by breeding him to does a week prior to collection and then resting (removing from does), until collection day. If he has been breeding, then simply remove him from females at least 1 week prior to collection to let him rest.

Justification: By cleaning out your buck you are removing any dead cells that may be present in the epididymis. Since bucks are producing new sperm every day, this ensures a good clean out and room for new sperm to be present for the collection. If a buck is not cleaned out dead cells and cellular debris are present in the first (or whole) collection, this can result in a poor pre-freeze and post-thaw motility score after going through the cryogenic process. Cleaning out your buck is mandatory for a successful collection.

2. Cleanliness of Buck

We all know that bucks during rut will urinate on their front legs during breeding season. It is possible that some bucks may become matted and extremely dirty around the sheath area of their penis. It is recommended that you clean the sheath of the buck thoroughly prior to buck collection. This can be done with soap and water a few days prior. It is also recommended to trim the long hairs on the end of your buck's sheath.

Justification: By removing the concentration of urine and matted hair this allows a clean sample to be collected from the buck. If not, then the bucks may contaminate the liner and/or semen collection sample during collection. This would result in the sample having to be discarded and not processed.

3. Health Status of Buck

It is also important that your buck be in good health status for the buck collection. Adequate nutrition and using a complete goat mineral program provided 45-60 days prior to collection are imperative to healthy sperm production. Your buck's hooves should also be trimmed a month prior to collection. Bucks with hoof problems and/or leg and hoof injuries are less likely to want to mount.

Collection Day

Owners will sign up for one 2 hour collection window. We recommend showing up at the beginning of the window so your buck can be jumped multiple times if necessary. Each window will have a maximum of 6 bucks and slots are available on first come/first serve basis. Collections will be from 7 am to 3 pm Friday, October 26 and 7 am to 1 pm Saturday, October 27. Only bucks Sannen, Sable, and Toggenburg bucks will be collected Saturday. Scheduling this way is intended to allow everyone ample collection time and not to interfere with the show. Once you sign up for a collection window it is imperative that you show up ready and on time. If you miss your window you will only be allowed to collect in another slot if there is an opening on your breed's collection day. If you miss your slot and do not sign up for alternate collection slot or one is not available you will forfeit your deposit.

In each window bucks will be assigned a number and collected in that order. When all bucks have been collected and evaluated a representative from B & D Genetics will go over with each owner what his/her buck approximately produced that collection round. It is up to each owner if they want to collect their buck again depending on the number of straws produced. Due to the size of the laboratory we use in the field, we ask that owner please remain outside until all collections are done.



B & D Genetics is supplying teaser does for collection. They have been CAE and Johne's tested negative. If you would like to synchronize and use your own teaser doe we can supply a synchronization protocol for you to use.

Straws will be available for pickup from 4:00-9:00pm each collection day. You will be asked to indicate your pickup time for your straws during your collection window. Any straws not picked up will be taken back for storage at B & D Genetics and owner charged storage and/or shipping fees (whichever is applicable).

1. Number of Units Requested

Owners choose the number of units that they would like to be collected. Output and quality of collection of each individual buck determines the straw number. It is B & D Genetics policy to get as close the number you would like as possible. However, if you request 40 units and the first jump's results in 30 units; you must make the decision to either stay at that number or jump again. If the buck produces over 30 total units, with the second jump included, you will be billed for the total number of units processed and frozen. Successfully frozen straws will not be discarded.

2. How Many Straws to Expect

This question arises a lot when owners are wanting to get their buck collected. A typical collection day will result in 40 to 60 straws per buck that is collected multiple times during a one-day collection. Straw number will greatly vary depending on breed, age, health status, and preparation of each buck.

3. Pre-Freeze and Post-Thaw Motility Parameters

B & D Genetics packages all semen straws in 100 million cells pre-freeze. Strict post-thaw motility standards are kept ensuring you have the highest quality semen possibly, not the highest number of straws. Straws will only be kept if their post-thaw motility is >70%. Documentation post-thaw motility will be recorded and documented for each client's file.

Justification

Extensive research done in Australia and New Zealand have shown that in order to achieve pregnancy in a doe trans cervically AI'd, 60 million motile cells are needed. B & D Genetics can only ensure quality of semen once it is placed into the owner's tank. Handling of semen after collection is imperative to maintaining semen quality. Semen thawing and assessment afterwards is recommended at 35 degree Celsius with semen placed on a warm (35-37 degree Celsius) microscope slide and coverslip.

4. Disease Testing

We do centrifuge each sample and remove the seminal fluid. This does not guarantee that the straws will be disease free. Bucks can be tested for CAE and Johne's disease by our sister company Delta Livestock Diagnostics. Please visit www.deltalivestockdiagnostics.com for more information.

5. Payment Method

We accept cash, personal checks and credit cards. Payment is due upon completion of collection day. If you are not going to be present once the buck collection is complete you will be required to leave payment with a B & D Genetics representative. If payment is left no checks or cash will be deposited or credit cards processed without B & D Genetics speaking to the owner and verify the total amount.



Pricing

Deposit of the buck setup fee and copy of registration papers (if applicable) is due 1 month before collection date. Prices below are per buck collected. Semen collection requires a 30 straw minimum collection charge if semen successfully cryopreserves. If the collection is processed and does not survive a "No Freeze fee" will be applied.

Collection Pricing

Setup Fee	\$75
Straws	\$5/straw
No Freeze Fee (if applicable)	\$50
Travel	\$20 per buck

Collection Slot Times (limited to 6 bucks per slot)

Friday - October 26, 2018

7:00 AM – 9:00 AM
 9:00 AM – 11:00 AM
 11:00 AM – 1:00 PM
 1:00 PM – 3:00 PM

Saturday – October 27, 2018

7:00 AM – 9:00 AM
 9:00 AM – 11:00 AM
 11:00 AM – 1:00 PM

Only bucks Sannen, Sable, and Toggenburg bucks will be collected Saturday. Scheduling this way is intended to allow everyone ample collection time and not to interfere with the show. Once you sign up for a collection window it is imperative that you show up ready and on time. If you miss you window you will only be allowed to collect in another if there is an opening

Bucks must be "cleaned out" 1 week and rested prior to collection. Failure to do this will result in \$50 charge per buck. Instructions for "cleaning out" bucks are in the mobile buck collection information packet.

Storage Pricing Per Quarter

1-200 units	\$20
201-500 units	\$0.15 per unit
501-1000 units	\$0.12 per unit
1000 + units	\$0.10 per unit
Embryo storage.....	\$5 per cane
Semen or Embryo Transfer.....	\$10 per sire or mating
Shipper Rental	Pricing determined by zip code and shipment time

Storage invoices will be emailed/mailed at the beginning of each quarter. You will be billed for the number of units that are in storage on the 1st day of quarter regardless of the number of units stored increasing/decreasing during the quarter.

Straw Consignment and Marketing

Do you want to market and promote straws from your bucks but don't know where to begin and don't want to deal with the hassle? Let us do the work! We offer several consignment and marketing options. The owner set the number of straws for sale and the price. We market and handle buyers and transport and take a commission fee. Checks from straws sales are issued quarterly after any open invoices have been paid.

Straws collected by B & D Genetics.....	25% of sale price
Straws not collected by B & D Genetics.....	30% of sale price

****Prices subject to change without notice****