

PROCEDURE FOR BREEDING WITH TRANSPORTED COOLED OR FROZEN SEMEN

If your mare is to be bred with shipped semen, read the following paragraph carefully.

COOLED/FROZEN EQUINE SEMEN REQUIRES EXTREME CARE IN HANDLING TO BE SUCCESSFUL. THE VETERINARIAN INSEMINATING YOUR MARE **SHOULD BE EXPERIENCED AND AL-MARAH WOULD LIKE TO TALK WITH HIM/HER. ATTEMPTS TO USE SEMEN OTHER THAN BY THESE SUGGESTIONS MAY REDUCE CHANCES OF CONCEPTION AND WOULD CAUSE ALL GUARANTEES ON YOUR CONTRACT TO BE VOID. AL-MARAH WANTS YOU TO HAVE THE OPTIMUM CHANCE TO GET YOUR MARE IN FOAL**

1. Fill out and return the enclosed contract, and send with the booking fee (50% of the stud fee) and deposit (\$500.00 cooled semen/ \$750.00 frozen semen). **The contract, booking fee and deposit must be sent to Al-Marah at least 7 days prior to the initial shipment of cooled/frozen semen.**
2. Deposit for the container and shipping must be sent to Al-Marah Arabians prior to the initial shipment of semen. Please make your check payable to Al-Marah Arabians.
3. Let us know which veterinarian or facility you will use and approximately when you will need semen. You or your vet must notify us when your mare comes in heat. Call between 7:00-8:00 a.m. MST (Mountain Standard Time) for semen to be shipped the next day. Timing and communication are critical to producing pregnancies from cooled semen. If you are breeding with cooled semen, the collection days for this year's breeding season are Monday, Wednesday, Friday and Saturday.
4. The container must be returned as soon as the semen is used or within 24 hours. A prepaid Federal Express label will be enclosed. Failure to return containers immediately may result in a penalty fee deducted from your deposit.
5. The mare owner understands that under the best conditions, the conception rates using cooled/frozen semen can be less than using fresh semen.

PROCEDURES FOR DELIVERY

- I. All paperwork must be completed and signed by mare owner and he/she must agree to abide by these procedures, and all other rules and regulations of registries involved.
- II. Booking fee and deposits must be paid according to breeding agreement prior to shipment of any semen.
- III. Notify Al-Marah 48 hrs before you think your mare will ovulate (by 8:00 am MST).
- IV. Remember collection days are Monday, Wednesday, Friday and Saturday. All shipments will be by Federal Express unless other arrangements are made in advance.
- V. Return container to Al-Marah immediately. If the equitainer is not sent within 48 hours of insemination, a \$100.00 late fee will be deducted from your

deposit.

- VI. An additional \$250.00 deposit must be sent upon requesting a 3rd shipment of semen so we have funds from which to deduct expenses.
- VII. It is the mare owners' responsibility to obtain any necessary breeding permits including IAHA.
- VIII. The burden of conception is placed almost completely on the mare owner and their veterinarian. Al-Marah agrees to ship viable semen. This semen should arrive in good condition. If the mare is at optimum breeding time when the semen arrives, and if the enclosed procedures for insemination are followed, then conception should be forth- coming.
- IX. Communication is the essential link between success and failure. We want a successful mating and will do all we can to keep the lines of communication open.

**SUMMARY OF CHARGES ASSOCIATED
WITH TRANSPORTED COOLED AND FROZEN SEMEN**

- 1. Booking Fee (1/2 of Stud Fee): Must be paid before semen will be shipped.
(See Stallion Service Contract)
- 2. Deposit: Due to Al-Marah prior to request for semen along with booking fee.
 -Cooled Semen/ \$500.
 -Frozen Semen/\$750
- 3. ..Deducted from deposit:
 - Shipping Expense to client (estimate).....\$75.00 per shipment
 - Return Shipping to AL-Marah (estimate) ... \$50.00 per shipment
 - Collection, Evaluation, Packaging, and Handling: Cooled Semen \$100.00 per shipment
.....Frozen Semen \$150 per shipment
 - Penalty if container is not returned within 48 hours.....\$100.00
 - Penalty if container is not returned within 10 days..... \$250.00
- 4. An additional \$250.00 deposit must be sent upon requesting a 3rd shipment of transported semen so that funds will always be available to Al-Marah from which to deduct expenses.

5. Will be invoiced:
Service Certificate (required by AHRA for registration for foal).....\$35.00

PROCEDURE FOR INSEMINATION

- ◆ WARNING! BECTON-DICKSON AND MONOJECT DISPOSABLE SYRINGES ARE PROVEN TO BE HIGHLY TOXIC TO THE SPERM OF SOME STALLIONS.

We recommend:

Air-Tite Syringes
1483 Washington Avenue
Vineland, New Jersey 08360.
Phone 1-800-275-5318, or in New Jersey 1-609-691-1756.

If unable to procure the syringes, semen should be in syringes for as short a time as possible.

- ◆ MANY PIPETTES ARE ALSO TOXIC TO THE SPERM OF SOME STALLIONS. **Haver-Lockhart** brand pipettes are safe to use.

Cooled Semen

1. Set up all items needed for insemination (sterile pipette, sterile syringe, sleeves, non-spermicidal lubricant, etc.).
2. All of the above items should be slightly warmer than the temperature of the semen.
3. PREPARATION OF THE MARE:
 - a) A plastic rectal sleeve over her tail and taped in place insures cleanliness.
 - b) Scrub mare 3 times (Ivory soap suggested) in warm water. Rinse well. If a Betadine rinse is used, rinse thoroughly as it leaves spermicidal residue.
 - c) Be sure to scrub at least 10-12 inches surrounding the vulva, and rinse well.
4. Semen should be removed from inner canister immediately prior to insemination. It should be rotated to stir gently and drawn carefully into the sterile syringe. **DO NOT WARM!**
5. Mare should be inseminated as soon as possible since she is the best environment and the best warmer for the semen. Delay may cause fluctuations in semen temperature, which could be detrimental to fertility.
6. If motility check is desired take only enough semen to make a slide; place slide on warmer at 37 degrees Celsius. Allow 2-3 minutes to warm. But remember, field readings of motility may be erroneous!

7. We will ship enough semen for at least one cover per packet. If two packets are received than you can use them at two intervals of your choosing or both at the same time. The unused packet must remain at 4 degrees Celsius to remain viable. Once the Equitainer is opened this temperature is guaranteed as long as container is resealed within 2 minutes. Longer open times change temperatures. A semen evaluation report will accompany each shipment.

Frozen Semen

Thawing Procedure for 0.5ml Straws

1. Set up all items needed for insemination (sterile pipette, sterile syringe, sleeves, non-spermicidal lubricant, warmed extender, etc.)
2. All of the above should be exactly 37 degrees celsius.

For Breeding:

1. Thaw 3 or 4 0.5 ml straws one at a time.
2. Place one straw at a time in a 37 degree celsius water bath for exactly 30 seconds.
3. Remove and wipe water from straw exterior. Cut end with blue powder (at bubble).
4. Dilute the thawed semen with 10 ml of E-Z Mixin "OF".
5. **Be sure to read the straws to insure accuracy of the stallion.**
6. Inseminate mare immediately after mixing.

THE YEAR 2002 REQUIREMENTS FOR ARTIFICIAL INSEMINATION USING TRANSPORTED OR STORED SEMEN-AHRA

Semen collected in the United States or Mexico may be transported or stored prior to being inseminated into a mare, and foals resulting from the use of such semen may be eligible for registration under Section 1 of this Rule, if the following requirements are met:

- A. A Semen Transportation Permit has been issued for the stallion. The permit will be effective until the recorded ownership of the stallion changes or the stallion is exported. A permit may be issued for a stallion if the following requirements are met:
 - 1) An application for a Semen Transportation Permit, on a form provided by the Registry, has been completed, signed by the appropriate recorded owner (or by the person whom the recorded owner has authorized in writing to sign the application), and filed with the Registry;
 - 2) The blood type of the stallion has been placed on permanent record with the Registry and the required fees have been paid.
- B. If a Semen Transportation Permit has not been issued by the Registry prior to the collection and storage, or the collection and transportation, of semen from a stallion, the recorded owner of the stallion at the time the semen was collected must pay a late permit fee, and may be charged for any reasonable costs and

expenses that the Registry may incur in investigation the circumstances, and may also be subject to the penalties provided by Rule 7.

- C. A valid Semen Transportation Permit is required to purchase Transported Stored Semen Service Certificates. A Transported-Stored Semen Service Certificate is required to register a foal, which is conceived with the use of transported or stored semen. A Transported-Stored Semen Service Certificate may be issued to the recorded owner of a stallion only and will be issued only if the following requirements are met:
- 1) A Semen Transportation Permit has been issued to the recorded owner of the Stallion and is effective at the time the Transported-Stored Semen Service Certificate is applied for;
 - 2) An application for a Transported-Stored Semen Service Certificate, on a form Provided by the Registry, has been completed, signed by the appropriate recorded owner (or by the person whom the recorded owner has authorized in writing to sign the application.), and filed with the Registry; and
 - 3) The required fee has been paid.
- D. A horse which is conceived through the use of transported or stored semen may be eligible for registration if Section 1 of this Rule and the following requirements are met:
- 1) A Transported-Stored Semen Registration Application, on a form provided by the Registry, has completed, signed by the appropriate recorded owner(s) (or by the person the recorded owner(s) has authorized in writing to sign the application), and filed with the Registry; and
 - 2) A properly issued and valid Transported-Stored Semen Service Certificate, signed by the person specified on that certificate accompanies the registration application.