



## Frozen Semen

### Extender Contains:

- Energy source (sugar)
- Protein source (egg yolk or milk)
- Cryoprotectant (glycerol)
- Electrolytes (buffers)
- Antibiotics

### Sport Horse Breeding News

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## A Good Teasing Program Pays Dividends

An important part of artificial insemination with frozen semen is teasing your mare to determine her readiness for insemination.

Many people rely on their veterinarian or technician to determine where a mare is in her cycle, but this can be costly, and risky for mares who haul poorly or have a foal at their side. To give your mare the best chance to conceive, and to save your sanity and pocketbook, start your mare in a daily teasing program.

Teasing is difficult for mare owners without a teaser stallion on their premises. But, there are some effective, relatively easy methods for establishing a good teasing program.



Generally speaking, a mare is out of heat, or in anestrus for two weeks, and in heat, or estrus, for one week. Many quit cycling in late fall or winter, and begin coming into season again in February or March. Heat cycles at the beginning of the season are longer, averaging seven to 10 days, and shorter, averaging three to five days, in the fall. The first cycle of the spring is a “transitional” cycle, and can last for a month or longer. Though predicting ovulation during a transitional cycle is difficult, a mare can still become pregnant if bred at the end of the cycle, when she ovulates. It is more feasible financially to tease a mare through her transitional cycle, and breed on her first “normal” cycle. Hormonal manipulation can help shorten the transitional cycle.

Teasing, for the owner of one or two mares, is difficult, because maintenance of a stallion for teasing is impractical and expensive. Mare owners have several options for teasing:

- 1) Rent or lease a stallion. (This requires adequate facilities for keeping a stallion, and knowledge of stallion handling. Don't take this on unless you know what you're doing!) A pony stallion is often easiest to lease, and easiest to handle, due to its smaller size.
- 2) Board your mare at a stallion station and pay to have her teased daily. Insights into teasing and breeding behavior by skilled handlers is invaluable.

(Cont. page 2)

## Outstanding New Stallions for 2006

The wonderful Danish stallions of Katrinelund, **Andiamo**, **Lucky Light**, **May Sherif**, **Royal Z II** and **Solos Landtinus** have joined the SES roster. Also new to the roster this year are Boeckmann's NRW Champion, **Fideranz** and Bundeschampions **Rosentanz** and **Lazio**.

Several top German Riding Pony stallions have also come onboard: Jens Meyer's **Mandingo** and **Scampolo**, and Reiner Bockholt's **Der feine Lord** and **Charm of Nibelungen**. Gestuet Sommerlade's new Trakehner offerings at SES include **C'est bon**, **Donaufels**,

**Donauzar**, **Immenhof**, **Kancun**, **Karolinger II** and **Kroenungswalzer**. Kendrah House Stud's Dutch offering, new to SES this year, includes **Lupicor H**, **Peter Pan**, **Solitair**, **Vincenzo**, and **Upgrade**. See the roster for other new stallions for 2006.

## Around the Stud Farms

### Landgestuet Celle

The winner of the 2005 Adelheidsdorf stallion performance test was **Dancier/De Niro**, out of a Lancier mare. Dancier's dressage score of 158, secures his sire's reputation as a reliable producer of dressage talent. Dancier won the stallion koering at Verden in 2004. He was purchased for stud duty by the Celle State Stud. The stud also purchased 2nd place (136.89) stallion **Valentino/Now or Never**, 3rd place (128) **Contendros Bube/Contendro**, 4th place (127.15) **Embassy III/Escudo I** and 5th place **Count Grannus/Graf Grannus**. The stallions **Locksley II**, **Santino**, **Londontime** and **Uccello** were also purchased for stud duty at Celle.

## Synchronizing Estrus With CIDR

A new intravaginal drug release device has promising applications in artificial insemination. The T-shaped *controlled intravaginal drug release* (CIDR) device is folded and inserted into the front of the vagina, and then released. Easy and safe to handle, the CIDR delivers progesterone for up to 14 days. One doesn't even need to know what stage a mare is at in her cycle before inserting the device. Just leave it in for eight to 14 days, pull it out, and the mare will come into heat on her own. Or, it can be combined with prostaglandin, if one is using a shorter protocol. Initial tests show that the CIDR is useful to advance the normal equine breeding season, synchronize onset of regular estrus in young mares and get mares out of the transitional phase of estrus sooner. Tests conducted by Dr. Claire Card, an equine reproduction specialist at Western College of Veterinary Medicine, in Saskatoon, SK, Canada, indicated the drug release device is very reliable and effective and represents a much easier and less expensive way to regulate mares than the use of progesterone injections or oral progesterone. And, the cost of the CIDR device is inexpensive, only about twelve dollars. It represents a significant advance in regulating and synchronizing estrus cycles in mares, and is especially promising for owners of large horse herds.



## Teasing, cont.

- 3) Use a gelding for teasing. Many geldings will tease mares without encouragement. Injections of testosterone can be used to enhance stallion-like behavior.

Sometimes, just housing a gelding in proximity to a mare may be enough for her to show estrus. Keep teasers (even geldings) separated from mares by safe fencing, a stall door or



a teasing panel, to prevent injury to horses or humans.

In lieu of teasing, breeders with easy access to a veterinarian and transportation, and who don't mind risking a young foal by regular hauling to a clinic, or by leaving the pair at the clinic, may choose to have their veterinarian ultrasound, and/or palpate their mare regularly (at

least every third day) to determine breeding readiness. The major drawbacks to this method are the risk to mare and foal during transportation, and the unsuitability of confinement. Young foals need fresh air and exercise, and mares require exercise to help the uterus return to normal after foaling. A way to get some mares to show heat is to record stallion vocalizations with a small, hand-held tape recorder, and then play the recording for your mare. (Cont. page 3)

## Selecting a Frozen Semen Veterinarian/Technician

You've purchased frozen semen from a stallion with good semen quality and a good conception rate, from a reliable source. Your mare is young-ish, has a good reproductive history, normal cycles, and a history of conceiving with frozen semen. Perfect! To maximize your chances of having a foal trotting at her side next spring, choose the right veterinarian or technician. No decision is as critical to

breeding success with frozen semen. Make sure your vet makes the cut by asking these questions:

- 1) What is your conception rate using frozen semen?
- 2) How many mares have you inseminated with frozen semen?
- 3) How often do you check mares?
- 4) Can you supply me with the names of three local breeders as references?
- 5) Ask about a per-cycle flat rate, that includes exams, ultrasounds and hormones.

Anything less than every six hours, except with timed protocol, find a new vet or tech.

## Stallion Spotlight ~ Rubinstein I

Rubinstein. His feet danced upon the ground, like the famous pianist's hands danced over the keys. A black Westphalian bred by Herbert de Baey of Germany, Olympic competitor, Rubinstein, was a member of an enormously talented family. His dam, Antine, was a full sister to two-time Olympic legend Ahlerich, and three-time Olympic participant, Amon, who won the Dutch Championship title seven times. Antine's full sister, Andone, produced Rembrandt when mated with Romadour II, who was also the grandsire of Rubinstein. Gudula Vorwerk-Happ considered Rubinstein's pedigree of great value, and decided to purchase him as a three year old, even though he

had been rejected for the Westphalian approvals. Oldenburg was later very happy to approve Rubinstein, and he vindicated himself with a stallion performance test score of 135.56, third of 66 contenders. His first foals verified his worth when sixteen of them received the premium with scores of "ten." Since then, Rubinstein I offspring have ascended to the pinnacle of the dressage world. Rohdiamant was his first champion stallion son and Olympian. Son Relevant made history with the silver U.S. Olympic team. These exceptional horses



Rubinstein I

were followed by many outstanding approval and stallion test winners, Grand Prix horses, Federal champions and auction top-pers. Ruiz Soler, Rosentau, Rubinero, Rotspon, Relevant, Revan, Rosier, Rosario and Royal Diamond are Rubinstein sons on the SES roster. Frozen semen from Rubinstein himself is also still available. The R-line established by Rubinstein I continues to flourish through his sons, who produce horses noteworthy for their exceptional rideability, character, work ethic, ability to collect and quality movements. They're very fine, like Rubinstein!

## Teasing, cont.

Many mares will try to crawl into the tape recorder.

When teasing, be patient. Some mares will take a half hour or longer to show heat, especially maiden mares and overprotective mothers. Often, a mare who doesn't show obvious signs of heat, but who stands passively near a stallion, gelding or even another mare, is in heat. Teasing takes time, but pays big benefits to breeders. A recent study headed by

ACT, prof. of theriogenology at Louisiana State University, showed that teasing resulted in increased uterine contractions, which become strongest around the time of ovulation. The contractions help clear the uterus of post-breeding debris and are an aid to fertility. Teasing causes a release of oxytocin, which is responsible for the contractions. The study concluded that "management practices that include teasing or a stallion may be beneficial in stimulating uterine clearance

nisms in mares during the preovulatory period." The use of teasing and/or oxytocin therapy can improve conception rates, especial in mares with post-breeding inflammation, and seems to have valuable applications in artificial insemination programs.

## SES Stallions with Offspring in the News

**Londonderry** son Liberty Gold was grand champion of the Dressage at Devon Breed Show, 9/27-29, 2005, at Devon, PA. The dazzling chestnut son of SES-offered sire, **Londonderry**, has as his damsire the legendary **Weltmeyer**, another favorite of the SES lineup. Liberty Gold won six classes



Londonderry

on his way to winning the championship. His sparkling gaits and sweet temperament impressed everyone.

Another stallion on the SES roster, **Baloubet du Rouet**, was on his game at the 10/15, 2005 inaugural Las Vegas World Invitational in

Las Vegas, NV. Under the guidance of Rodrigo Pessoa, the Selle Francais superstar once again demonstrated his mastery of the world showjumping scene. The 16 year old jumping phenomenon used his tremendous speed, combined with his ability to stay cool under pressure to win the \$750,000 event. The pair also won the \$75,000 Martin Collins Casino Classic Grand Prix, at the same venue.

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## SES SERVICES

**Early Bird Sale Deadline—February 7, 2006—Up to 30% off on selected doses. See the stallion roster for reduced prices.**

**"Sport Horse Breeding News"**—The January 2005 edition of the "Sport Horse Breeding News" is available on the website as a pdf download.

**North American Stallions on SES Roster.** Two new options give your stallion visibility on the world's most-visited frozen semen website. 1) A direct link to the stallion's page on your website, via the new North American Stallion Roster (available to all stallions offering frozen semen), or, 2) A page on the SES website, on the same roster with the European stallions, by breed, with a link on the page to your website (available to breeding-approved stallions with frozen semen). An exclusive option, with SES handling sales, and shipping, is also available. Call 307-587-5105 for details.

**Free Display Ads for all SES clients.** Take advantage of free display advertising on the most-visited frozen semen website in the world. Others pay \$20 for a six-month listing.

**Foal Gallery**—Please send photos of your foals.

**Belgium Sale Deadline—February 7, 2006.**  
Order Baloubet du Rouet, Parco, Conterno Grande and Kashmir van Schuttershof. Selling out fast—order today!

**Dutch Sale Deadline—March 15, 2006—**See the Dutch stallion roster for stallions that can be ordered with this sale. This will be the only Netherlands order this season.

## Organization Notes & News

### Hanoverian Verband

The World Breeding Federation for Sport Horses has proclaimed the Hanoverian Verband of Germany as the number one studbook in the world for the breeding of sport horses in 2005. The Hanoverian Verband was ranked first overall, with a number one rank in dressage, a number two placing in the production of event horses and the third ranking in jumping. Every year the Hanoverian Verband is consistently ranked at or near the top by WBFSH.

### KWPN

The Dutch Warmblood Studbook of Holland was ranked first for the production of jumping horses, and third overall, by the World Breeding Federation for Sport Horses, in 2005.

### ISH

The Irish Sport Horse studbook of Ireland was the number one producer of event horses, and eighth overall, according to the yearend results for 2005, of the World Breeding Federation for Sport Horses

### AHS

Superior Equine Sires, has donated a dose of Brentano II frozen semen to the 2006 American Hanoverian Society silent auction, to be held at their annual meeting, Feb. 3-5, 2006. A prominent offspring of Brentano II is Olympic champion, Brentina, whose rider, Debbie McDonald, will give the keynote lecture and appear at the Young Horse Training Symposium, in conjunction with the AHS meeting. For information contact the AHS office at 859-255-4141 or [AH-Office@aol.com](mailto:AH-Office@aol.com).

## Recommended Reads & Websites

As breeding season rapidly approaches, it's time to brush up on all things mare-and-foal. For my money, the best basic book out there on mare management, breeding, and foaling is by M. Phyllis Lose, VMD. ***Blessed Are the Broodmares*** covers every topic of interest to breeders in a thorough, readable style, with personal anecdotes gleaned from a long veterinary career specializing in mares and foals adding interest to the text. This book contains information of interest to laypersons and professionals alike. Also of value is the companion volume, ***Blessed Are the Foals***. Some of the information in the foal book is also contained in the mare book, so if you have to choose one volume, purchase ***Blessed Are the Broodmares*** first. It is a book you will refer to every breeding season to come.