

EQUINE REPRODUCTION LABORATORY
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INTERNATIONAL EQUINE SEMEN FREEZING SERVICE

The Equine Reproduction Laboratory at Colorado State University provides commercial equine semen freezing and storage service which has been USDA approved for international export. The objective of this service is to provide horse owners and veterinarians with the latest research and technology available for preserving and storing equine semen. This announcement provides a brief overview of the equine semen freezing service provided by the Equine Reproduction Laboratory. For more complete details, please contact the Equine Reproduction Laboratory.

Semen collection, evaluation, preservation (freezing) and long-term storage of frozen semen is performed at the Equine Reproduction Laboratory. During the initial visit, a stallion undergoes a complete breeding soundness evaluation in order to detect abnormalities that may interfere with fertility, and the stallion's semen is frozen using two different semen-freezing extenders in order to determine the optimal method of freezing semen for each individual stallion. Aliquots of the semen frozen at the initial visit are thawed and evaluated for their response to the freezing procedure. Currently, semen frozen at the Equine Reproduction Laboratory is packaged in 0.5 ml plastic straws, with 8 straws (800 million sperm cells) representing one insemination dose.

Once the optimal freezing protocol is identified, subsequent ejaculates from the stallion are frozen using that procedure. Stallions may be housed at the Equine Reproduction Laboratory until enough ejaculates are collected to provide the amount of frozen semen requested by the stallion owner. Once the semen is frozen, it can be stored at the Equine Reproduction Laboratory or it can be transported to any other appropriate storage facility. Unless otherwise directed, all semen that is frozen is stored at the Equine Reproduction Laboratory, and the client assumes responsibility to pay storage charges as outlined below.

Fee Schedule

• Clean-out collection	\$ 75.00
• Collection and Test-Freeze (may or may not qualify)	\$ 500.00
• Collection and freeze for export, per ejaculate	\$ 500.00**
• Board for stallion	\$ 22.00/day**
• Semen storage in liquid nitrogen for each 250 straws per stallion	\$ 25.00/month**
• Coggins (EIA) test	\$ 20.00**
• Equine Viral Arteritis (EVA) testing serum	\$ 25.00**
• Equine Viral Arteritis (EVA) testing semen	\$ 50.00
• CEM (<i>Taylorella asinigenitalis</i> or <i>T.equigenitalis</i>)	\$ 20.00/swab**
• Vesicular Stomatitis Indiana & New Jersey strain)	\$ 18.00/each**
• Shipping cost is variable depending on destination	\$ ~300.00-800.00**
• Loading and/or charging of Dry Shipper	\$ 25.00/each**
• Health certificates/Federal Veterinarian endorsement	\$ 150.00**

** These services are for export of semen as well as some commercial.

Each country has its own regulations and requirements for importing frozen stallion semen. These can be accessed at: WWW.aphis.usda.gov/vs/ncie/iregs/animals/, or contact Paula at 970-491-8626