

## How much semen should I bank?

The easiest way to come up with this number is to decide how many mares that will need to be bred. For stallions with unproven fertility using frozen semen, OCEC recommends planning for 5 doses per mare. So if you are planning on breeding 10 mares, you would need to bank a minimum of 50 doses. The industry standard is an 8 straw dose. This would translate into 400 straws.

## How much will it cost?

An average stallion will produce from 56 to 72 straws per collection. So if 10 mares is the desired amount:

$400/60 =$  about 7 collections.

Clean out collections=\$450

Test Freeze=\$600

6 additional freezes=\$3300

Total= \$4350

## Mobile Freezing Laboratory



Oklahoma City Equine is also proud to announce the addition of a mobile freezing laboratory. Our mobile lab is equipped with controlled rate cell freezer, nucleocounter and other equipment that allows our experienced staff to produce quality frozen semen on your farm



## Stallion Services

## Oklahoma City Equine Clinic

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## Oklahoma City Equine Clinic

Oklahoma City Equine Clinic offers a wide variety of reproductive services to assist our clients through all stages of the breeding process. The doctors and staff at OCEC are experienced in the reproductive management of both mares and stallions.

OCEC provides the following stallion services:

- Breeding Soundness Exams
- Semen centrifugation/concentration for low volume insemination
- Semen collection and processing for chilled transport
- Stallion evaluation and subfertility management
- Stallion collection training

Our stallion collection facility and a state of the art semen processing laboratory allow us to collect and process stallions for cooled semen services as well as frozen. OCEC is an approved USDA collection center for international export of frozen semen.



When starting novice stallions, proper training is invaluable to insure the stallion becomes an efficient, safe breeding horse. Proper handling, as well as, a safe clean and comfortable environment is required. Access to mares in heat is imperative. The staff at OCEC has the experience, facilities and expertise necessary to start your future sire off right. Collection training is \$125 per session.

## Select Breeders Affiliation

Oklahoma City Equine Clinic became a Select Breeders Services affiliate lab in 2013. The new affiliation allows OCEC to improve upon our already high standards of semen processing. Along with OCEC's own quality control practices, post-thaw motility evaluation and cultures of every ejaculate, an independent lab will run computer assisted analysis of motility and cultures. This allows OCEC to provide our clientele with best possible frozen semen that can be trusted world-wide.



### Beginning the Process

Prior to beginning a freezing project, the stallion must be cleaned out of all residual sperm. These collections prior to freezing allow us to obtain the best quality semen to begin the freezing process. Inactive stallions usually require at least 3 clean out collections on consecutive days. Clean out collections can be performed by OCEC, usually on consecutive days at \$150 per collection.



## Semen Freezing

### Test Freeze: \$600

After cleanout has been completed, a test freeze will be performed. The ejaculate will be divided into 4 different protocols and frozen. After freezing, 2 straws from each protocol will be thawed and evaluated to determine which procedure provides the best post-thaw results.

### Additional Freezes: \$550

A post-thaw semen evaluation of motility, count and culture is performed on each freeze, insuring quality in every ejaculate.

### Semen Storage

OCEC stores semen in special cryogenic liquid containers maintained at -196°C. Each tank is physically inspected once a week to ensure proper levels of liquid nitrogen. Storage is billed monthly and is based on the number of straws in inventory.

- 0.5ml straws (1-400)= \$24/month
- 0.5ml straws (400-800)= \$42/month
- 0.5ml straws (800+)= \$0.04/straw/month

