

## **CRYOPRESERVATION OR ORNAMENTAL RABBIT SPERM (LION HEAD)**

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### **ABSTRACT**

The ornamental rabbit production has increased in the last 10 years, this production is given by the demand for companion pets for their different aspects and phenotypic characteristics, however, in this type of production have been no studies on its reproductive management, particularly in the quality of semen of stallions used much less in the cryopreservation of genetic material. Therefore the objective of this study was to determine the seminal indicators in fresh and thawed sperm lion head rabbit. 10 ejaculates were collected by artificial vagina three stallions lion's head, the sample obtained was evaluated gross motility, progressive motility and live sperm then cryopreserved using DMSO 6% to defrost gross motility and live spermatozoa was evaluated. The results obtained in fresh for gross motility were 4, progressive motility  $91.15 \pm 6.18$  and live spermatozoa  $94.55 \pm 5.10$ . When thawing was obtained a progressive mobility of  $44.23 \pm 6.41$  and live sperm  $49.38 \pm 6.64$ . We conclude that sperm lion head rabbit can be cryopreserved, obtaining acceptable results to defrost.

**Keywords:** ornamental rabbits, lion head, sperm, cryopreservation.