

Title: PROTECTIVE MEDIUM FOR PRESERVATION OF RAM SEMEN BY REFRIGERATION

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Category: D

Description:

The invention relates to animal husbandry, veterinary medicine, especially to the protective medium for preservation of ram semen by refrigeration and can be applied for efficient use of native animal genofond.



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The result of the invention is that a new protective medium is proposed with the use of mannoprotein preparation obtained from brewer's yeast sediments which extends the storage time of diluted and refrigerated semen up to 120 hours, increases the number of mobile sperm and those with rectilinear motion and decreases the titer of pathogenic microorganisms depending on the concentration of the preparation. The socio-economic importance lies in the development of biologically active preparations of yeast sediments obtained from industrial products following the brewing process and their application in the livestock sector, in particular for the development of protective media, which serve to dilute, preserve and preserve sperm, in order to ensure the high quality of the semen and the preservation of the native animal genofond. The research was carried out within the project 20.80009.5107.16, funded by NARD. Republic of Moldova.

State of development: The product is used in laboratory at the Scientific-Practical Institute of Biotechnologies in Animal Husbandry and Veterinary Medicine and PhD thesis