

INFLUENCE OF MORPHOLOGICAL INDICATORS TESTICLES RAMS DIFFERENT BREEDS ON THE QUANTITY AND QUALITY OF SPERM PRODUCTION

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Introduction

- Sheep breeding is considered to be the main and most productive activity in agriculture of Ukraine. Sheep farming must be intensive, highly productive and competitive. Such is meat, dairy and wool sheep. The experience of foreign countries shows that: 1) sheep breeding can exist and be beneficial for intensive forms of agriculture; 2) only cultivated meat-wool and meat-dairy sheep, which gives high-quality products, can compete with high-intensity branches of agriculture and occupy a certain place in the intensive economy.

Material & Methods

The research was carried out on of rams different directions of productivity of 2.5-3 years of age, live weight 85-90 kg. For study, 2 Dorper rams were taken, 3 - Assaf, 1 - Merenolandshaf. The study was conducted breeding season. Quantitative and qualitative indicators of sperm of breeding rams were studied according to the method of Zayachkovsky I.F. and Smirnova I.V. Determine the following parameters: sperm consistency, ejaculate volume (ml), density and activity (motility) of sperm.

Results

The obtained results showed that the rams of the Dorper meat direction of productivity in terms of ejaculate volume exceed the indicators of rams of the Assaf meat and dairy breed by 0.1 ml or 20%, and in comparison with the rams of the meat-wool direction of productivity breed merenoladshaf, respectively, 0.1 ml or 17.8%. Rams of all studied breeds had the highest density of semen. Rams of all studied breeds had the highest density of semen. Dense semen was found in rams Assaf and Dorper and liquid semen in Dorper and Merenolandshaf. The sperm of all breeding rams had a rectilinear oscillating-translational motion. The highest quality semen was in rams of the breed Asaph, which was estimated at a density of 9 points.



Conclusions

. The average density of semen of sheep of the assaf breed is exceeded in comparison with the dorper breed by 2 times and that of the merinoladshaf by 4 times. Dorper and merinoladshaf had liquid semen, which was estimated at 2 points. The sperm of all breeding rams had a rectilinear oscillating motion. High-quality semen was found in rams of all breeds and was evaluated at 9 points in rams of the assaf breed, and in rams of the dorper and merinoladshaf breeds - at 8 points.