SPERMOGRAM IN RAMS IN THE SECONDARY SESSION OF REPRODUCTION UNDER THE INFLUENCE OF BIOLOGICALLY ACTIVE DRUGS

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Abstract

The influence of the bioactive drugs ZooBioR-1. and ZooBioR-2, on the stimulation of spermatogenesis in breeding rams in the secondary breeding season was studied. It was demonstrated that the drugs ZooBioR-1 and ZooBioR-2 had a positive influence on the quality of ejaculates taken from breeding rams in the secondary breeding season; the volume of the ejaculate at the end of the experiment was 0.8±0.04 ml (P≤0.001), the mobility of the spermatozoa increased up to 80.0±1.6%, the concentration of spermatozoa in the ejaculate increased up to 2.34±0 .09 billion/ml, the concentration of testosterone in the blood increased up to 6.0±0.1ng/ml, compared to the control group, indices that correspond to the requirements for ejaculates admitted for processing.

Key words: *ram, sheep, mobility, concentration, dilution, semen, artificial insemination, drug, spermatogenesis*