

THE EFFICIENCY of USING the PROBIOTICS in the FEEDING of LAMBS in the SUCKLING PERIOD

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It was given the results of studies on the effect of probiotic preparation "Probiol" on the rate of growth and the health of lambs of Taurian type Ascanian Merino breed in the sucking period. It is established that the inclusion of the probiotic to feed in an amount of 0.25 and 0.35 kg per ton has increased the live weight of lambs in the suckling period at the end of 75-day age of 27.8 and 29.4 kg with 25.7 kg in control. So was ensured high average daily gain of lambs in the suckling period that were 263 and 285 g were 11,9 and 21,3% ($P < 0,05$) higher indexes of control group. It was determined the positive effect of probiotics on animal health that was controlled through the studies of physiological and biochemical parameters of lamb's blood. Marked increase of blood hemoglobin concentration in young sheep of research groups at 5 and 23% ($P < 0,05$), albumin particles 9 and 37% ($P < 0,05$), phosphorus 5 and 15% ($P < 0,05$), that indicates more enhanced metabolic processes in the body and it causes direct connection of separate blood components with a productiveness of animals. Overall, the use in concentrated mixture for lambs in the suckling period 0,25-0,35 kg / t of feed probiotic preparation "Probiol" contributes to the health of the gastrointestinal tract of animals, improves metabolic processes in of their body, which provides 11,9-21,3% increase in the intensity of growth of young sheep. The optimal dose of probiotic preparation "Probiol" for feeding of lambs can be considered 0, 35 kg per ton of feed.

Keywords: sheep, diet, lambs, probiotics, feed, average gain.