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MILK PRODUCTION AND QUALITATIVE PROOFS OF MILK AND CHEESE FOR THE USE IN THE DIETS OF EWES OF PMS OPTIMIZED COMPOSITIONS

In connection with deficiency of protein and some minerals in the diets of sheep in the foothills of the Carpathian it was investigated the effect optimized according to the content of protein-mineral supplements (PMS), which is focused on local feed raw materials; to mixed fodder of lactating ewes of the Ukrainian Carpathian breed on milk yield as well as milk and produced cheese quality. As a result of the research was showed that the change in the composition of mixed fodder for lactating ewes of sunflower oilcake the same amount of PMS with the high protein content of local production components (extruded feed beans and peas) and an introduction to mixed fodder composition 4 % of the Carpathians natural mineral - glauconite increases milk production in lactating period and the level of yield of marketable milk. Lambs of the experimental group had a higher growth rate in the suckling period than lambs in the control group, with the outyielding of female lambs was statistically significant. By the yield of marketable milk ewes fed with mixed fodder PMS and glauconite on 11,6 % exceeded the control group of animals. The milk of ewes of the experimental group statistically significantly predominated in protein, fat, dry fat-free residue and energy value of milk animals in the control group. The rate of milk coagulation for producing spent on the production of 1 kg of cheese, made by traditional technology in the Carpathian region in animals of the experimental group were higher. But expenses of milk on 1 kg of cheese mass were smaller than in the control group. On organoleptic characteristics of the milk and made cheese obtained from animals of both groups did not differ significantly among themselves and consistent with the requirements of the current standard for these types of products.