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Efficiency of feeding repair female lambs of Ukrainska gornokarpatska breed with mixed fodder on the base of improved formula

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The purpose. To study effect of the improved feed compounds developed on the basis of high-protein components of local production upon productive qualities of repair female lambs of Ukrainska gornokarpatska breed and to develop scientifically justified technique of their growing. **Methods.** Zoo-technical, mathematical-statistical, economic-mathematical. **Results.** Comparative assessment is made of indexes of growth and development of repair female lambs of Ukrainska gornokarpatska breed at feeding them with standard and experimental feed compounds during 2 – 4, 6 – 9, and 12 – 14 months age periods. It is established that feeding lambs in the age of 2 – 4 months with experimental feed compound in comparison with standard feed compound K81-4-89 has ensured increase of alive mass on 8,3% at decrease of cost of feedstuffs (15% on 1 c of increase). At comparative study of efficiency of feeding lambs with feed compound recommended by Institute of animal husbandry of steppe areas «Askaniya-Nova» and improved feed compound developed in National scientific selection-genetic center of sheep breeding of Institute of agriculture of Carpathian region of NAAS they fixed the following: during 6 – 9 and 12 – 14 months periods at almost equal intensity of growth (variance 6.3 – 7.1% in favor of test group) cost spent on 1 c of increase of feedstuffs due to use of more low-cost components of local production was on 10,3 – 20,7% below in test group. **Conclusions.** Feeding of repair female lambs of Ukrainska gornokarpatska breed in the age of 2 – 4; 6 – 9, and 12 – 14 months with feed compounds developed on the basis of local production, promoted growth of animals which bodies on mass essentially surpass demands of the standard of breed during the matching age periods, and decreased expenditures for a unit of an increase.

Key words: *repair lamb, Ukrainska gornokarpatska breed, feeding, feed compound, increase.*
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