

THE SCIENTIFIC BASIS of the DEVELOPMENT of SHEEP BREEDING of SOUTHERN REGION of UKRAINE

**Yu. V. Vdovychenko, N. A. Kudryk,
P. H. Zharuk, L. V. Zharuk**
ascitsr_priemnaya@ukr.net

Ascania Nova Institute of Animal Breeding in the Steppe Regions
named after M. F. Ivanov - National Scientific Selection-Genetics
Center for Sheep Breeding
1, Soborna Street, Askania Nova, Chaplynka district,
Kherson region, 75230, Ukraine

The characteristic of sheep-breeding in Ukraine is outlined. This branch today satisfies the needs of the population in the main types of products only at the household level and is not a full-fledged participant of the market as an object of business.

The main problem of sheep breeding is the high cost of production and, as a consequence, the price of its sale is unacceptable in the market.

The southern region of Ukraine is the main for the breeding of sheep. Here there are 369.8 thousand heads, or 49.7% of the total number of Ukrainian livestock of sheep, including 82.9 thousand in agricultural enterprises. At the same time, in the Odessa region 276.0 thousand head, or 74.6% of the total number of the region livestock are concentrated.

The basis for the further development of sheep breeding in the southern region is the tribal base with 14,0 thousand pedigree sheep (52%), including 9,4 thousand ewes. This livestock is concentrated in seven breeding plants and five breeding reproducers.

The main breeds in the south of Ukraine are: Askanian fine-fleece, Askanian meat-wool with crossbred wool, Askanian Karakul and Tsigai. The most numerous of them is Tsigai - 192 thousand, or 51.9%.

Further development of sheep breeding can be ensured through its intensification, the industrial production of lamb and young mutton and the formation of new directions of productivity - meat and dairy.

The key in this question is the intensification of production of sheep breeding products using modern industrial technologies, the creation of large farms with a livestock of 600-800 or more ewes.

The programme of the Development of the Sheep Breeding Industry of Ukraine for 2012-2025, which was developed by the Institute, has been planned to increase the number of sheep in the farms of all forms of ownership in the Southern region from 369.8 to 805.7 thousand heads, or in 2.2 times.

The number of sheep in agricultural enterprises is planned to increase 2.6 times: from 84.4 thousand to 223.1 thousand heads; the

volume of wool production in all categories of farms will increase from 1331 to 3244 tons, or 2.4 times, and the production of sheep meat in the region will increase 2.8 times to 18128 tons, compared to 6,546 tons in 2016.

Keywords: sheep breeding of the south of Ukraine, the state of the industry, the tribal base, scientific provision, development prospects.