

# RESEARCH ON THE INFLUENCE OF COLOR VARIETY ON BODY DEVELOPMENT OF THE KARAKUL OF BOTOȘANI LAMBS

A. Crîșmaru<sup>1</sup>, A.-M. Florea<sup>2</sup>, M.-D. Brînzei<sup>1</sup>, C. Pascal<sup>1</sup>

<sup>1</sup>IULS-Faculty of Food and Animal Sciences, Iasi University of Life Sciences, Romania

<sup>2</sup>Research and Development Station in Sheep and Goat Breeding - Popăuți, Botoșani, Romania

## Abstract

*Research on the influence of color variety on body development of the Karakul of Botoșani lambs was carried out by determining their body indices from birth after product identification. The assessment of the influence of the color variety of Karakul of Botoșani products on their body measurements was carried out at the time of performance evaluation for the production of pelts. In order to highlight the results obtained, Karakul of Botoșani products were analyzed from the point of view of the influence of the color variety of which they are part on the height at the withers, the height at the rump, the thoracic perimeter and also the depth of the chest. Following the research carried out on the influence the color variety on the body measurements of the Karakul of Botoșani lambs at calving, the obtained results indicated a statistically significant relationship between the body measurements of the products and the color variety of which they belong. The data obtained at calving indicated higher average measurements within the batches with products from the black varieties (38.85 cm - height at the withers, 41.36 cm - height at the rump, 39.18 cm - thoracic perimeter, 16.04 cm - chest depth) compared to those obtained by the batches with products from the gray color varieties (38.01 cm - height at the withers, 40.06 cm - height at the rump, 38.12 cm - thoracic perimeter, 15.57 cm - chest depth).*

**Key words:** body measurements, body indices, lambs, Karakul of Botoșani