

COMPARISON EVALUATION of SIREs the ASCANIAN BLACKHEADS TYPE SHEEP for THEIR OWN PERFORMANCE and QUALITY OFFSPRINGS under the DIFFERENT FEEDING CONDITIONS

O. Yo. Atanovska-Masliuk
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
Chervonoarmiyska Street, 1, Ascania Nova, Chaplinka district,
Kherson region, 75230, Ukraine

The results of a comprehensive assessment of six major Ascanian Blackheads rams-sires on indicators of the quality of their own performance and their offsprings were received during 5 years under the conditions of extreme and extremely low level of feeding. It is established that examined rams-sires at birth had a live weight from 4.0 to 6.2 kg with the overall assessment on a 5-point scale from 4.0 to 4.5 points. All investigated Ascanian Blackheads lambs at weaning from females had high live weights thanks to high milk yield of ewes. These lambs correspond requirements of the elite class and were within 32 ... 43 kg with a length of wool from 9 to 13 cm. Comparative analysis of masculine and feminine lambs has revealed some individual features of manifestation breeding traits in the offspring which were obtained from various rams-sires. The ram number 160 of line 151 related group 560 showed the highest breeding value with productive longevity and record levels of combined performance so he became the sire for the line of three related groups. High comprehensive assessment offspring of both sexes from 4.0 to 4.5 points allows us to state that all investigated sheep are characterized by sufficient adaptive capacity and high breeding value. Thus, the depth selection in a small closed population of sheep based on individual multistage selection and special selection, should be carried out continuously, despite the level of feeding.

Keywords: sheep, Ascanian Blackheads breed of sheep, rams-sires, offsprings, performance, comprehensive assessment, breeding value.