

**THE PRODUCTIVE PECULIARITIES of BUKOVINIAN TYPE of
ASCANIAN MEAT-WOOL BREED of SHEEP with CROSSBRED
WOOL under the CONDITIONS of FARMS in CHERNIVTSI REGION**

O. B. Lesyk, T. O. Chernomyz, M. V. Pohyvka

biapv@mail.ru

Bukovinian state agricultural research station
National Academy of Agrarian Sciences of Ukraine
21-A, Kuznetsova Street, Chernivtsi, 58026, Ukraine

As the result of research work, it is established that the bukovinian type of animals have the strong constitution, well adapted to humid climate conditions of Bukovina. The ewes are characterized by their high productive capacity: the fertility is 93,6 %, and the lambs dropped per 100 ewes is 137,6 % at their high viability.

It has been determined the high indicators of rams - sires live weight that is 95.0 kg, and ewes have 57.9 kg, which are higher than for the requirements to elite animals of breeding reproducers.

It was defined also a high level wool production of sheep. The sheep wool is white, uniform, elastic, aligned and smooth, with clearly defined sinuosity, and complies requirements to all quality characteristics of crossbred wool. Wool length of the rams - sires is averagely 14,7 sm, and the ewes have 11,5 sm, respectively. Averagely among rams-sires have been determined as thick-haired animals (MM) thirty-five percent and ewes have 33%; with high thickness of sheep wool (M+) respectively 58 % and 56 %; with moderate (M) – only 7 %, and 11 %. Averagely wool clip of rams-sires at farms makes 7,5 kg; in pure fibre – 4,7 kg; ewes – 4,5 kg, and 2,8 kg, respectively.

Bukovinian Type of ewes gives birth to lambs of strong constitution with high live weight at birth. Sex animal influences the live weight at birth. It is established, that the live weight of single ram lamb is higher than that of ewe lamb, by 7,8 %.

The research results show that the Bukovinian Type of ewes has high milk productivity which depends on quantity of lambs ewe have given birth and fed. The highest average milk yield in a day is noted in the first milking month (May), which is 1,15 kg. Also, the relatively high milk yields had been obtained in June and July, which indicated to the high milk production of ewes. For instance, 116,6 kg of milk were obtained from one ewe during milking period (137 days), the average daily milk production was 0,883 kg; 25 kg of cheese were produced from this yield of sheep milk. For today, the products made of sheep milk (cheese, butter, etc.) are in high demand among the people. Their realization value is rather high. A part of products made of sheep milk makes about 60 % of gross income sheep-breeding; meat of live weight – 45 %, while the wool is only 3,0 %.

However, the further Bukovinian Type perfection, the indicators increase of milk, meat, and wool productivity requires the effective selection methods - the usage of rams-sires Ascanian selection breeds such as

Ascanian Crossbreeds and Ascanian Blackheads.

Keywords: sheep, breed, type, selection, fertility, reproductive capacity, live weight, milking.