

M. KOGUT, V. BRATYUK, V. DAN'KIV

Institute of Agriculture of Carpathian Region of NAAS

THE RELATIONSHIP OF EXTERIOR AND MILK PRODUCTION IN SIMMENTAL COWS

In the breeding work with breeds of cattle in Ukraine, as in other countries of the world, widely used linear assessment of animals by type. Such interest is due to the fact that the external structure of the body of cattle is closely linked with its performance. However, today the main focus is on industrial livestock, which once again points to the need extero typing.

Our studies were carried out on first-calf cows the progenies of different bulls and Simmental breed of the Precarpathians in the one farm. The conducted the evaluation of the type gave the possibility to install exterior peculiarities of cows. The analysis of the data revealed that first-calf of three all bulls have high growth, the width of the chest at the level of 7 points (wide chest), deep trunk, average angularity with open edge.

For weight at the rump daughters of the bull Roshelle 936647732 (line of Romulus) significantly excelled ob -the descendants of the bull Imaho 937169727 9 (line Redada, $P<0.01$). In conditions of industrial technology the legs should be sturdy and properly set. In our case, the posture and angle of the pelvic limbs is evaluated in 5 points daughters of all bulls. Descendants of bull Rochelle 936647732 have the advantage ($P<0.001$) for attachment of the udder, length of back, width of rumps and muscularity of thighs.

Regarding of the exterior shortcomings it the was discovered ass daughters of the bull daughters Vikht 932375771 (line of Horror, $P<0.001$) and a tendency to mild expressed of central ligament in the descendants of all three bulls.

Between the yield of milk and the values of the linear estimates in almost all cases was installed a positive correlation, which indicates the possibility of further breeding in this herd as the performance so and exterior.