DYNAMICS OF LIVE WEIGHT AND EXTERIOR CHARACTERISTICS OF HYBRIDS RED POLISH BREED IN THE PERIOD OF BREEDING

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An important part of the selection and breeding of the species is an objective assessment replacement chicks local cattle in the early stages of postnatal ontogenesis. To predict the biological characteristics of individual growth and development of animals, identification of animals breeding value, identify the best genotypes in further breeding and breeding work is important to know general patterns of weight change and body line parameters in the age dynamics.

The aim of research was to study the dynamics of live weight and exterior structure of the body measurements Articles landed young Polish red rocks during the growing conditions in Western Ukraine.

To conduct the research work in the breeding farm for breeding cattle Polish red "Slavutich" Zbarazh Ternopol region was formed two groups of animal’s counterparts. The group selected young, which at the time setting on research already was 6 months, the duration of the experiment - from 6 to 15 months of age. Since all experimental calves obtained from bull-sires Red Danish breed Lord 9457, youngsters were divided into different groups for fraction of blood mothers. In the first (n = 18) group consisted of calves whose mothers are daughters of bull-sires UT 730 and Zubr 479. Conventional Bison fraction of blood both sires 11/16 Red Danish breed +5/16 Schwyz breed. The second (n = 18) group was young, parents whose mothers are bulls Buyan 1463, Rombik 1745 and Smychok 1735, the notional fraction of blood which 5/8 Red Danish breed+1/8 red Holstein breed +1/4 Schwyz breed. That is, two different groups 1 presence of "blood" red Holstein breeds.

Features linear growth estimated by soundings taken in the dairy and dairy-beef cattle, followed by calculation of indices of body structure. Changes in live weight of animals for rearing periods (ages 6, 9, 12, 15 months) evaluated averages (X¯)
absolute, relative and average daily gain of established significant difference between live weight for bulls and heifers in each experimental group (p <0.01). The difference between animals of different groups of the same sex is not statistically significant, showed a trend to increased live weight counterparts genotype 5/8 Red Danish breed +1/8 red Holstein breeds +1/4 Schwyz. Indicators local live weight of calves in the period from 6 to 15 months show better growth dynamics animals 2 groups. This difference, in our view, related to the impact fraction of blood red Holstein breed, the parameters of calves which are higher than the rest of all categories of source rocks.

Established that the particular calves aged 6, 9, 12, 15 months ahead of the development of Polish Red breed peers to 3.6-10%, depending on age period, with a predominance in the calves at the same time by 2.6-9.2% yield calves Ukrainian Red Dairy breed species, with greater lag in heifers.

Thus, the use of red bulls-sires Danish, Schwyz and Holstein (red and white) rocks a positive impact on landed weight indicators array of Polish red rocks, grown in economic conditions Ternopol region.

Note that the breeding of live weight increase and improve the type of body structure through the use of bull-sires related red rocks in the Polish herds of red rocks in the Ternopol region has led to some consolidation and strengthening their animal skeleton. Animal research groups landed available for exterior wood-constitutional assessment relating primarily to the strong type of constitution, they calm temperament, which creates prerequisites for use in feeding and supplementary source of meat production in the area of cultivation.

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