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«Post-Mortem Indices of Black-and-White Breed»

Dairy cattle breeding gives the bulk of all beef consumed in the country. These are animals sold for slaughter at a young age after fattening, culled cows and bulls, dairy heifers and bulls-eunuchs. Improving of a fattening and processing technology, as well as increased consumer demand for products with the lowest fat content, contributes to the increasing use of a dairy cattle for the production of lean beef. The final product of the technology of beef production is carcass of the cattle, slaughtered for meat, which is thought as meat on the bones.
To make this study, it was analyzed the relevant documentation on the slaughter of cattle for meat (calculations were made to determine the carcass yield of cows and young cattle before and after fattening). To estimate the post-mortem indices of cows and young cattle, not less than ten animals were taken in each age-and sex group.

After the slaughter of cows and young cattle the following indicators were taken into account:

- carcass weight (body of the slaughtered animal without head, skin, internal organs, internal fat, tail, forelimbs along the wrist joint, hind limbs along the locks);
- the carcass yield (the ratio of the carcass weight to the preslaughter body weight, expressed as a percentage);
- the category of fatness of young cattle by the carcass weight.

For research purposes a commercial invoice on sending and acceptance of animals and the accounting reports are used. Mathematical data processing was conducted.
Conclusions

Thus, it should be noted that the carcass yield of cows made 46.70 and 44.26%, in the first-calf heifers it made 40.80 and 38.50% and in young cattle it made 45.70 and 38.70%. The carcass yield in all age-sex groups corresponds to the parameters for the black-and-white breed.
Contacts

Izhevsk State Agricultural Academy, Izhevsk, Russia
E-mail: kudrin_mr@mail.ru