METHODS of FORMING the DATABASE of PEDIGREE ACCOUNTING SHEEP BREEDING for MEAT BREED of SHEEP

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The software for the database of sheep meat productivity in order to meet the current requirements breeding records and an increase of the efficiency of selection has been developed and tested in a randomized array of indices. Programs are designed to maximize the input control and eliminate errors as you type (or import) the information in the database, as well as automatic calculation of data of arbitrary queries such as - the indicators of productivity of meat sheep in the context of their breeds, their location (region, district, farm) or forms of ownership farms.

All data is stored in a hierarchical state, which excludes storage of «information trash». Their structure allows you to automatically generate reports on the set parameters. For DB developed a set of queries and programs (software list) to form a set of data.

You can set the filter by any parameters (body weight at birth, including how many were born by one mother and others), allowing you to quickly and objectively sort and find the values of their total / average values. Using of these data is available for any purposes (for external processing or reporting). The program returning of the data to MS Excel allows you to create diagrams of body weight at birth and gain of live weight in the context of the breeds.

This design optimizes the user experience and eliminate the large number of possible mechanical errors.

We have also developed software for data sampling in the environment C# using the built-in classes and methods that allow the user to choose from a database the information that he is interested in, through the formation of the corresponding request. Prepared a set of data can be exported into MS Excel by user to obtain the tables, reports, charts, and the like.

The result of research is the ability to not only store and display the stored information, and process it using software through superstructure and applying mathematical methods - both created earlier, and those

that are being developed right now; reduction to minimize the risk of loss parameters, simplifying the interaction between breeders, programmers and specialists of the farms.

Keywords: meat sheep breeding, database, program, import of data, test, calculation.