

Productive longevity of Holstein cows and causes of their replacement .



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The goal of the study is to study the duration of the productive use of cows and the reasons for their replacement at Aina Dairy Farm LLP.

To achieve this goal:

- to identify the reasons for the replacement of cows;
- determine the age of cows replacement.

The object of research was 631 Holstein cows. The calculation of the duration of productive longevity was carried out on the basis of the AIPro program, and statistical processing of quantitative data was carried out using Microsoft Office 2007 application software packages.

Conclusions. The largest number of cows was withdrawn from the herd in 1 lactation due to health problems associated with metabolism. The main reasons for cows to be eliminated are udder diseases 50%, limb diseases more than 20%, impaired reproductive system function and trauma.

Diagram 1 - Causes of cows retirement,%

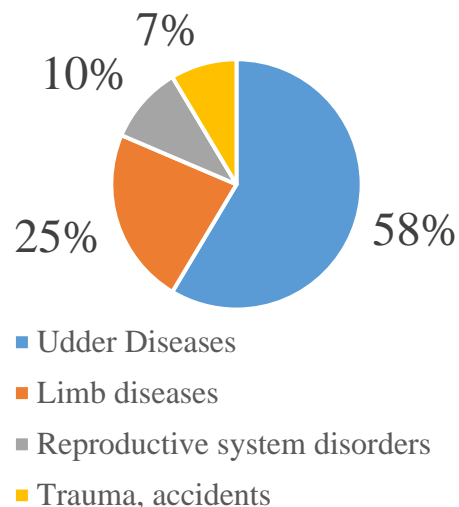


Diagram 2 - Number of dairy herds by number lactations, goal.

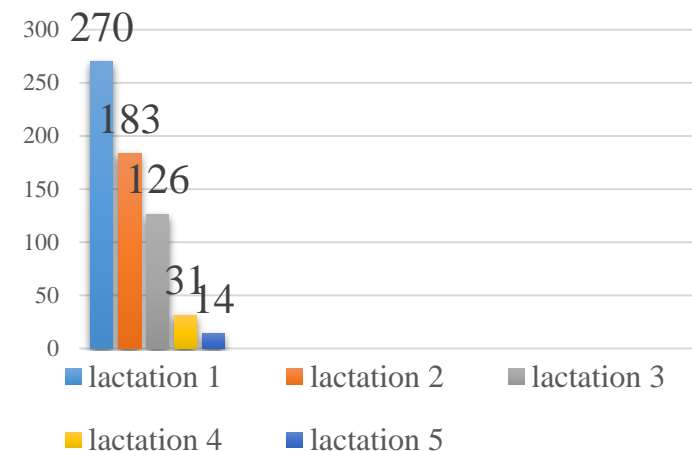


Diagram 3 - Causes of Disease and disposal of cows,%

