STUDY OF THE ECONOMIC EFFICIENCY OF FOOD QUALITY

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Due to the complex character of the quality of products in practice it is used an aggregate system of indices which measures the level of each characteristic separately or for each group of characteristics, as well as for the product as a synthesis of all. An important position within the system is held by the synthetic index of quality which reflects the contribution of characteristics classified accordingly to their importance, expressed, i.e. numerically and attributively.

The need of monitoring the quality through specific indices has lead to the use of mathematics and statistic methods, considering quality (Q) as a function of the main characteristics analysed according to the consumers' needs and requests.

There are different ways of calculating analytical indices of economic efficiency, mainly of the total production cost index, for different dairy products. In this paper, the total production cost index was obtained by assessing each expense element within the technological process with the help of measurements, corroborations and calculus.