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## **ABOUT TOPICALITY AND EFFICIENCY OF INTRODUCTION OF INFORMATION TECHNOLOGIES IN THE AGRARIAN SECTOR OF ECONOMY**

Today the basic means of increase and development of economies is an achievement of scientific and technical progress and innovation. Actuality is acquired by the search of new technologies able to provide the increase of efficiency of functioning of agrarian industry in the conditions of depletion of natural resources. For today permanent introduction of the newest developments is the real guarantee of steady development of agriculture. In this connection the special attention is required by the question of exposure of positive and negative consequences of introduction of front-rank agro-innovative technologies as a guarantee of effective detection and elimination of threats to the technological safety of the agrarian sector [1].

In our time agriculture needs optimization of production with the aim of receipt of maximal income, rational use of resources, including natural resources and defence of environment. Ordinary agriculture grows into "exact" that envisages the effective and rational management of plant growth processes in accordance with their needs in nutrients and conditions of growth [2].

The productivity of agricultural crops on the different areas of the the same field is not identical. The factors of yield are affected by the following factors: quality of soil (fertility, acidity); doses and types of fertilizers; topography of locality; availability of forest bands; technology of sowing, care of agricultural crop, harvesting; quality of seed; illnesses, wreckers of agricultural plants; weather terms. Comparing those or other characteristics of the fields to the maps of the productivity, the specialists of economy can find out reasons of the uneven productivity of agricultural culture on the field(some areas of the field are more productive than others) and after then take the necessary measures.

Knowing the maps of yield, soil and other characteristics of the fields, using global position and geographical informative systems, sensors, automatic devices of working parts of machines, already there is possibility to set the program of motion of machine aggregate (for example, for the purpose of watering) and according to the given programs to contribute to a specific area of the field an appropriate amount of water with certain impurities in required proportions [3].

The uses of modern information technologies in activity of agrarian enterprises predetermine the change of workplaces, in particular the creation of automated workplaces. Revolution in information technologies, that takes place today, is a global process that creates new possibilities in professional activity. In modern terms leading positions can be occupied only on condition with the wide use of information technology. Making informed decisions is directly related to the amount of information that comes and how it is used. In

an order to use her effectively, it is needed to learn to accumulate, to summarize, learn about the information about both the internal and external environment in relation to the organization, enterprise or institution. The main task is to constantly adapt to a dynamic external environment.

In transition to the higher level of management in an agrarian enterprise other methodological approaches to the organization and processing of data obtained in experiments, which should be based on the principles of a systematic approach to the study of the object of research, are needed.

A modern economic situation dictates to the agrarian enterprises the new going near organization of the internal planning. For bringing in of foreign investors all more often a necessity is a business plan, that would answer international standards and was adapted to our terms. Therefore, there is a need to improve the business planning mechanism with the use of modern information technologies [4]. By the most optimal variant for business-planning in an agrarian enterprise is the use of the computer program Project Expert, that has not only a friendly interface, but also gives an opportunity to the user to describe practically any investment project, any chart of financing, takes into account the risks of project. Project Expert allows you to submit the results of calculations in the form of ready sections of the business plan.

The use of modern ICTs in the activities of agrarian enterprises for the purpose of collecting, storing, transforming and systematizing information is of great importance for the correction of agricultural management technologies, as well as for current and long-term planning and forecasting of economic phenomena. Due to the widespread use of modern information technologies, it is possible to achieve better results in the agrarian sector. The crops are getting better, the products are more qualitative.

Due to intensive technologies of conduct of domestic agricultural production, it is possible to attain the increase of production of gross goods, improve her quality, cut down expenses resources, that, in turn, will assist the increase of efficiency and profitability of agricultural production. Therefore, there is an obvious need, urgency and effectiveness of funding for the introduction of digital technology into the agro-industrial complex, training of personnel capable of creating and applying IT in agriculture.

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