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Monitoring of innovative activities effectiveness in agriculture

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Аннотация:

The necessity of monitoring and improving the management of agro-industrial sector justifies the need for the research evaluation system which is considered to be highly effective. This article describes the foreign and domestic approaches to the assessment of agricultural and agro-industrial innovations. The cost behavior analysis in case of agro-industrial technological innovations has been conducted and the efficiency of the growth in high tech production and manufacture has been evaluated. A paradoxical regularity has been revealed: with the relatively stable investments in agriculture there is a sharp reduction in the use of intellectual property. This tendency dictates the need to improve the management system of the intellectual property application. In order to solve this problem, evaluation indicators of innovation efficiency have been proposed. These indicators are based on the results of expert surveys. A methodology for monitoring the innovation efficiency in agriculture has been developed: the criteria include the level of state significance, the technical-and-economic level, the degree of availability, the cost-efficiency, the level of security. This research proposes the directions of the innovation management improvement in agricultural and agro-industrial sectors. These directions have been found on the basis of the institutional approach development and the evaluation of the systemic innovation efficiency. Improving the quality of expertise in assessing agro-industrial innovations will allow us to select the most promising innovations with high-payoff technologies. In addition, it will be taken into account when assigning subsidies according to the industry-specific and regional characteristics.

Ключевые слова:

research evaluation system; agro-industrial complex; innovations; management system; monitoring; expert evaluation; innovation efficiency