

INNOVATIVE DEVELOPMENTS AND RESEARCH IN EDUCATION

International scientific-online conference



DEVELOPMENT OF WAYS TO INCREASE THE EFFICIENCY OF THE USE OF FARM LAND.

Adizov Shuhrat Bafoyevich

Basic doctorant of Bukhara Institute of Natural Resources Management of the National Research University of Tashkent Institute of Irrigation and Agricultural Mechanization Engineers

Abstract. This article provides a series of data on areas that increase the efficiency of land use of farms. In order to increase efficiency, its requirements are determined based on the state of Agriculture.

Key words. Farmer, agriculture, land area, agrotechnological, ecological, economic, land resources.

Introduction. In the following years, certain works are being carried out on the reform of Agriculture of the Republic, in particular the improvement of the system of Public Administration of land resources, the widespread introduction of market relations, strengthening the legal basis of relations between agricultural products, processing and selling entities, attracting investments in the industry, the introduction of resource-saving technologies. The problem of organizing the effective use of land resources in the current conditions of agricultural activity is one of the most pressing problems of today. The general requirements for the use of land resources today are as follows:

I. Agrotechnological requirements:

- *obtaining high yields from agricultural crops;*
- the use of modern technologies in the cultivation of agricultural crops;

II. Environmental requirements:

ensuring a deficit-free balance of humus and nutrients;

III. Economic requirements:

- ensuring the normative use of labor, material and financial resources;
- increase the production capacity of all types of products;
- ensuring reproductive processes;

IV.External requirements:

- > state support;
- > storage, processing and sale of agricultural products.

It is known that the use of land resources can be recognized as effective if it satisfies economic needs within the framework of agrotechnological and environmental rationality, and economic activity is carried out in compliance with agroecological and external requirements aimed at the effective use of land. For this reason, modern production requires the joint use of factors aimed primarily at technological



INNOVATIVE DEVELOPMENTS AND RESEARCH IN EDUCATION

International scientific-online conference



modernization. Earth, live concrete labor and production funds act as historically formed factors of production, complementing each other. It is impossible to talk separately about the means of production, labor and the organization of the territory of the land plot, since none of these factors can be organized separated from others and from the production process in which it operates.

The demand for the effective use of Earth's Resources has an economic nature, which is largely due to the economic function of the Earth. Effective use of land resources is understood as achieving maximum efficiency in protection as a key factor in agriculture in the process of any activity, taking into account the interaction of the earth with other natural factors in the implementation of land use goals and as specific conditions.

An assessment of the effective use of Land Resources shows that it is impossible to carry out technological adapters – in specific conditions of production, without a set of recommended and normalized methods of individual operations, ensuring the preservation of land productivity.

In such conditions, the following are of particular importance:

- > search for the most effective areas of use of land resources by agricultural organizations;
 - clarify case studies to optimize the use of different technologies;
- > justification of the use by agricultural organizations of regulatory parameters of production, which should become a decisive condition for the formation of the effectiveness of land use.

Target technical and economic indicators:

- > productivity levels and basic production costs;
- includes Labor, energy and finance.

Taking into account the high differentiation of agricultural production at the present stage, the main technological processes are calculated based on the resource capabilities of commodity producers and various natural conditions, the level of production, professional potential.

New advanced technologies that require new approaches provides an opportunity to obtain and increase the planned volumes in the production of agricultural products, that is, to increase the volume of agricultural products. Regular modernization of the livestock and agriculture sector, the rise of agricultural culture make it possible to reduce working hours and increase production efficiency in unfavorable years.

In the issues of technological modernization of the formation of effective land use of agricultural enterprises, there are several requirements for the modern technological modernization of farming:davlat va jamiyat tomonidan muammoni aniq xis qilish,

- availability of modern technologies,
- > their scientific, resource, personnel and information support,
- > economic incentives.



INNOVATIVE DEVELOPMENTS AND RESEARCH IN EDUCATION International scientific-online conference



- development of the market and social infrastructure,
- optimization of land relations and environmental policy.

The application of special Agrotechnology for each land plot, taking into account the specifics of all the results of agrochemical verification, that is, the study of the structure of the soil composition, taking into account its agrophysical and physicochemical properties, water, air, thermal regime and balance. Such a study and analysis of certain land plots serves as the basis for agrotechnological planning, information on the development of crop rotation, grouping of land by a certain level of agricultural technology.

The result of the application of technological planning in relation to land plots is that an increase in the yield of agricultural crops planted at agricultural enterprises, an improvement in quality and a decrease in the cost of agricultural products can be achieved.

Conclusion. Farms operating in agricultural production need a specific system in order for them to make calculations and think, organize production or make the right decision on planting agricultural crops on the basis of a complete database in different conditions. Many years of experiments have shown that as such a system, a field passport, brought to an automated system, can be easily applied. Today, the general requirements for the effective use of land resources are determined, both agrotechnological, environmental, economic and external. In order to prioritize the objects of state property in the village to small businesses and private businesses belonging to the local population, it is necessary to conduct open contests for the sale of state property during the decentralization and privatization. It is necessary to organize the sale of suspended and unused fixed assets and production facilities, as well as social infrastructure facilities to small and private entrepreneurs.

REFERENSES:

- 1. Shuxrat, A., & Erkin, K. (2020). WAYS TO INCREASE THE EFFECTIVE USE OF LANDS OF PERSONALITIES AND DEKHAN ECONOMIES IN THE BUKHARA REGION. Asponpoyeccure, 2(2).
- 2. KHAMIDOV, F. R., ADIZOV, S. B., KARIMOV, E. Q., MAXMUDOV, M. M., & Branch, E. B. The Role of Peasant Farms and Homestead Lands in the Development of Agriculture.
- 3. A Shuhrat, A Behzod, M Mironshoh, A Azizbek E-Conference Globe, 2021 FURTHER DEVELOPMENT OF THE LEMON INDUSTRY IN UZBEKISTAN AND FURTHER IMPROVEMENT OF THE INTRODUCTION OF INNOVATIVE TECHNOLOGIES IN THIS AREA
- 4. SB Adizov, AB Obidovich, MM Maxmudov Academic Journal of Digital Economics and Stability, 2021 <u>Rights and Responsibilities of the Spouses</u>



INNOVATIVE DEVELOPMENTS AND RESEARCH IN EDUCATION

International scientific-online conference



- 5. SB Adizov, AB Obidovich, MM Maxmudov Academic Journal of Digital Economics and Stability, 2021 The Tragedy of the Aral Sea-The Problem of the Century
- 6. Bafoevich, A. S., & Muxiddinjonovich, M. R. (2020). ANALYSIS OF CROPS GROWN FOR THE EFFICIENT USE OF LAND DEHKAN FARMS AND HOMESTEAD LANDS OF BUKHARA REGION. Asponpoyeecuhe, (SPECIAL).
- 7. SB Adizov ... применения инновационных технологий и техники в ..., 2020 PROSPECTS FOR THE USE OF HOMESTEAD LANDS IN UZBEKISTAN
- 8. FK Sayidov, AK Akhrorov. Euro-Asia Conferences. 2022/3/30. THE ROLE AND IMPORTANCE OF LAND MONITORING IN THE USE OF LAND RESOURCES.
- 9. SH B Adizov, FR Khamidov. EUROPEAN JOURNAL OF BUSINESS STARTUPS AND OPEN SOCIETY. 2022/2/24. 108-111. Directions to Increase the Economic Efficiency of using Farmer Lands in the District.