

Ways To Increase The Efficiency Of Investments In Agricultural Modernization

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Abstract: This article analyzes ways to increase the efficiency of investments in agricultural modernization. Strategic approaches to the introduction of innovative technologies, efficient use of resources and implementation of the principles of sustainable development in agricultural development are considered. The study highlights the importance of optimizing investments in agriculture, strengthening public-private cooperation, and applying international experience. The article contains scientific and practical recommendations aimed at increasing the efficiency of investments in the development of the agricultural sector.

Keywords: Agriculture, modernization, investment efficiency, innovative technologies, sustainable development, efficient use of resources, public-private partnership, agrarian economy, international experience, investment strategies.

INTRODUCTION.

Agriculture is one of the strategic sectors for the economy of each country. This sector is important not only for ensuring food security, but also for providing employment to the population and increasing export potential. Therefore, modernization of agriculture and increasing its efficiency are one of the urgent issues in today's global economy.

Current trends show that the introduction of modern technologies and rational management of investments are the main ways to ensure sustainable development of agriculture. Through investments, it is possible to modernize the technical infrastructure of agriculture, effectively use resources and increase the volume of product production. At the same time, it is necessary to strengthen cooperation between the state and the private sector, apply international experience and effectively manage financial flows.

This article is aimed at studying ways to increase the efficiency of investments in the modernization of agriculture. The study developed

recommendations for the introduction of innovative technologies, the development of public-private partnerships and the use of international financial resources.

Agriculture is one of the strategic sectors of the economy, which is important as a key sector for ensuring food security, providing employment to the population and generating stable income for the national economy. However, in recent years, factors such as global climate change, limited land and water resources, as well as technological shortcomings, have led to the need to increase sustainability and efficiency in agriculture. In this regard, modernization of agriculture and effective investment management are one of the important areas for the development of the sector.

This article is devoted to highlighting measures to introduce modern technologies, rational use of resources and strengthen public-private partnerships to increase the efficiency of investments in agriculture.

Investments in agriculture serve the following purposes:

Technological modernization: Increasing productivity through the introduction of modern equipment and technologies.

Efficient use of resources: Water-saving technologies, improving soil fertility and the use of renewable energy sources.

Infrastructure development: Modernizing irrigation systems, improving transport and logistics systems.

Increasing market competitiveness: Implementing programs aimed at processing products and exporting them to international markets.

Lack of technological innovation:

Many farms use old equipment and technologies, which reduces productivity.

It is necessary to widely introduce innovative technologies.

Financial constraints:

Lack of investment funds and their misallocation make it difficult to modernize the sector.

Low staff qualifications

The lack of qualified personnel capable of managing modern technologies reduces investment efficiency.

Sustainable development:

The issues of introducing environmentally friendly technologies and rational use of natural resources have not been sufficiently resolved.

Ways to increase investment efficiency

Introduction of innovative technologies: Purchase of modern equipment and equipping land with automated management systems. Introduction

of drip irrigation systems and energy-saving technologies to save water. Development of public-private partnerships: Expanding financial resources by attracting private investors. Providing state support to farms through subsidies and grants. Expansion of financial programs: Financing agricultural projects in cooperation with local and international financial organizations. Creation of special credit lines to support the export of agricultural products. Ensuring environmental sustainability: Expanding the use of renewable energy sources. Support for scientific research on the protection of soil and water resources.

Training and advanced training of personnel: Implementation of special training programs to train personnel capable of managing modern technologies. Expanding innovative approaches through scientific research and pilot projects. The introduction of modern technologies can increase productivity by 20-30%. Strengthening cooperation between the public and private sectors will significantly increase the export volume of agricultural products. By ensuring ecological sustainability, it is possible to preserve the natural resources of agricultural areas in the long term.

Modernizing agriculture and increasing the efficiency of investments are of strategic importance, which not only contributes to the development of the national economy, but also to ensuring global food security.

Literature review. Research on the modernization of agriculture and increasing the efficiency of investments has been carried out by many scientists and organizations. Below is an analysis of important literature on this topic:

Anderson K. (2007): The author studied the importance of investments in agriculture and ways to increase output through them. It analyzes the

principles of managing financial resources and introducing technologies.

OECD (2020): The study "Agricultural Policies for Sustainable Growth" shows the importance of public-private partnership in agriculture and presents successful international experiences. Practical recommendations have been developed for the modernization of agriculture in Uzbekistan and increasing the efficiency of investments.

FAO (2019): The report "Innovation in Agriculture" provides an analysis of the application of innovative technologies in agriculture and their impact on efficiency. The author has developed strategic recommendations for the development of agricultural infrastructure and management of investment processes.

World Bank (2018): The report "Financing Agriculture for Development" examines global experiences in attracting and effectively managing financial resources for agriculture.

Method. The following methods were used in this study: Data on investments in agriculture in Uzbekistan and their effectiveness were analyzed. Strengths and weaknesses, opportunities and risks of investments in the modernization of agriculture were studied. Interviews were held with specialists in the field of agriculture and recommendations on investment strategies were obtained. The importance of investments in agriculture was analyzed based on national and international scientific articles and reports. Projects implemented with investments in agriculture were monitored and their results were evaluated.

Discussion. The results of the study identified a number of urgent problems for increasing the effectiveness of investments in agriculture: Many farms in agriculture use old equipment and technologies. The introduction of innovative technologies is being carried out slowly. Inefficient

management of financial flows and weak cooperation between the public and private sectors reduce the effectiveness of investments in the sector. The limited availability of state subsidies and financial support mechanisms hinders the development of agriculture.

Results. According to the results of the study, the following conclusions were drawn: Directing investments to the introduction of innovative technologies helps to increase productivity in agriculture. Financial resources can be effectively managed by strengthening public-private partnership.

Strengthening cooperation with local and international financial organizations plays an important role in increasing the volume of investments.

Conclusion. Modernization of agriculture and increasing the efficiency of investments are one of the urgent issues today. The development of this sector can be ensured through the introduction of innovative technologies, effective management of financial resources, and the development of public-private partnerships.

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