



OPPORTUNITIES OF IMPROVING ECONOMIC INDICATORS IN FRUIT
PRODUCTION

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Abstract: *Due to agriculture is one of the main branches of our Uzbekistan's economy the issue of raising the economic efficiency of agriculture to the optimal level is one of the most urgent tasks of today. This issue is currently under the attention of the leadership of our country. Including diversification of agricultural production, improvement of land and water relations in the field, creation of a favorable agribusiness environment and a high added value chain, support for the development of cooperative relations, wide introduction of market mechanisms, information and communication technologies in the field, as well as the effective use of scientific achievements is important.*

Key words: *Uzbekistan, agriculture, fruit and vegetable growing, farm, agrocluster, economic efficiency, optimal level.*

The main goal of the reforms implemented in agriculture is to ensure food safety on the basis of stabilization of the food supply to the population, and to increase the well-being of the people by getting economic benefits from all types of activities.

The question of raising the economic efficiency of agriculture to the optimal level is one of the most urgent tasks of the economy of Uzbekistan today. Because agriculture is one of the main branches of economy. This issue is currently under the attention of the leadership. Including diversification of agricultural production, improvement of land and water relations in the field, creation of a favorable agribusiness environment and a high added value chain, support for the development of cooperative relations, wide introduction of market mechanisms, information and communication technologies in the field, as well as the effective use of scientific achievements is important.

It is known that the fruit and vegetable sector has a great role in providing the population of Uzbekistan with food products. On this basis, in order to further improve the indicators of farms growing fruit and vegetables in agriculture, on December 11, 2019, was adopted Decision No. PQ-4549 the President of the Republic of Uzbekistan "Addition on the further development of the fruit and vegetable and viticulture industry, the creation of the added value chain in the sector". In addition, "... in the field, especially in the development of fruit and vegetable growing and viticulture, effective market mechanisms have not been systematically established, the insufficient scientific approach leads to the fact that the existing opportunities of the sector are not fully used. According to calculations, 1 hectare of land has the potential to earn 7 times more from grapes, 6 times from cherries, and 5 times more from walnuts than the currently cultivated raw cotton.



President Sh.Mirziyoyev in his speech addressed to the Parliament on January 24, 2020 on the most important priority tasks for the development of Uzbekistan stated that "The only way to ensure the stability of the price of food products in the consumer market is fruit and vegetables, livestock and they emphasized that it is to increase the volume of production of other food products and to create a continuous chain "from the field to the store". Based on the above, we can confirm that currently has particular importance to further improve the activities of fruit-growing farms in agriculture, to increase the volume of products grown by them, and to positively solve the issues of adapting their quality to international requirements, to apply the most advanced innovative methods to fruit growing, to increase their economic efficiency and to transfer their importance learning. As a result of the processing of raw materials grown in the cluster method, it is possible to deliver them to the consumer in the form of a ready product.

The main goal of the research is to develop proposals and recommendations for increasing economic efficiency in farms specializing in horticulture. Monographic research in this matter was carried out in farms specializing in horticulture within some agrocluster.

Currently, in Uzbekistan should be grown at least 330-400 g per capita per day or 115-120 kg of fruit per year, of which 15 kg of grapes and 10 kg of berries. However, today, 94 kg of fruits are produced per capita, including 12 kg of grapes. This figure is 120-230 kilograms in countries such as the USA, Italy, Spain, and France.

Uzbekistan has favorable natural conditions for growing fruit and grapes. A very high yield can be obtained here according to optimal agrotechnical recommendations. Fruit growing in Uzbekistan is constantly growing.

The organization of orchards around large cities and industrial centers through the specialization of farms will be paid off and made it possible to grow abundant fruit. In such farms, productivity is high and the cost of products is low. Concentration of fruit and grape growing in specialized farms is a necessary condition for improving the production system of these products.

Another advantage of horticulture is that most of them produce for long (15-20 to 40-50) years. The roots are strong and deep, somewhat resistant to drought, it develops even on uneven ground with relatively low soil fertility.

Production and processing of horticultural products is hard work and good income. Intensive development of horticulture increases the efficiency of using the potential of labor, land, water and other resources. In recent years, a lot of attention has been paid to the development of intensive fruit growing in Uzbekistan. Introduction of improved methods of organization of fruit growing, mechanization and automation of production processes, including harvesting and processing of goods, agrotechnical methods (including low-quality grafts) and protection of plants from diseases and pests it is solved by using other methods that increase the productivity of gardens. In the current industrialized fruit growing, orchards grown on short grafts and especially on weak and strongly growing grafts with flat (fan-shaped) branches are the most promising. Intensive gardens require advanced agrotechnical methods and mechanization of production processes.

Today, more than 80 types of agricultural products grown in republic are exported to 66 countries of the world. In 2010, 11.3% of the export was accounted for by cotton fiber,



and by 2021, it is being exported only in deep processed form. According to the results of 2021, 9945.5 thousand tons of vegetables and 2739.6 thousand tons of fruits and berries were grown in the republic, of which 1588.2 and 633.9 thousand tons correspond to Andijan region.

In recent years, a lot of attention has been paid to the development of intensive fruit growing in Uzbekistan. It is solved by the introduction of improved methods of organization of fruit growing, mechanization and automation of production processes, including harvesting and processing of goods, and the use of agrotechnical methods. In the current industrialized fruit growing, orchards grown on short cuttings and especially on weak and strongly growing cuttings with fan-shaped branches are the most promising. In general, the economic reforms carried out in this sphere make it possible to solve the following economic and social issues: in the economic issue - fruit and vegetable growing makes up 32.2% of the total agricultural products produced (8.7% of GDP) and the population in rural areas is one of the main incomes. It has a direct impact on the development of a number of industries. Also, this sector occupies the main place in the country's agricultural exports; in the social issue - the effectiveness of the sustainable development of fruit and vegetable farming has a direct impact not only on the living standards of rural residents, but also on increasing the social well-being of all residents of the country.

As a result, the ultimate goal of these reforms is to provide food security in the country, which is evident in the positive results of the economic reforms implemented in all processes of the development of the new Uzbekistan, and reflects the increase in the standard of living of the population.

The economic growth of the fruit and vegetable sector should not be due to the further expansion of the use of existing internal resources, but it can be achieved due to the introduction of a system of competitive production cooperation and clusters, which meet the requirements of the times in terms of quality of products.

A number of measures are recommended for the sustainable development of the fruit and vegetable industry and raising the economic efficiency to the optimal level.

- development and implementation of measures to modernize and renew the fruit and vegetable industry, provide a strong impetus to the sustainable development of the industry and ensure the competitiveness of the produced products;

- as a result of the increased dependence of the world's consumer market on imports, ensuring the safety of food products, improving the mechanism of state support and management of the agricultural sector;

- due to the scarcity of water resources, the possibility of efficient use of irrigated land is limited, using advanced methods based on innovative technologies, in particular, paying special attention to the issue of wide introduction of drip irrigation;

- among the factors affecting the sustainable development of fruit and vegetable production, use of available scientific and innovative opportunities through in-depth analysis of the economic, technological, legal and other areas of opportunities and



achievements of farmers and agricultural enterprises, as well as elimination of identified shortcomings.

Also, the analysis of the experiences of developed countries in the cultivation, storage, processing and export of fruit and vegetable products shows that there is a need to develop cooperation and clusters of producers of these products.

REFERENCES:

1. Decision PF-5388 of the President of the Republic of Uzbekistan dated March 29, 2018 "On additional measures for the rapid development of fruit and vegetable production in the Republic of Uzbekistan"
2. Decision PQ-4239 of the President of the Republic of Uzbekistan dated March 14, 2019 "On measures to develop agricultural cooperation in the field of fruit and vegetable production"
3. B.Nosirov, Sh.Abdullaev, H.Yuldasheva. Relevance of development of multiple-profile farms. *International journal for innovative Engineering and Management Research (IJIEMR)*. 2021. Volume 10, Issue 03, Pages: 516-521. ISSN 2456-5083. <https://ijiemr.org/public/uploads/paper/638741617019191.pdf>
4. O.Shermatov, B.Nosirov, R.Imomov, M.Qobulova. Problems of effective usage of lands in agriculture for ensuring food security. *South Asian Journal of Marketing & Management research*, ISSN: 2249-877X. 10 (4), p. 71-76. <https://saarj.com/wp-content/uploads/special-issue/sajmmr/2020/SAJMMR-APRIL-2020-SPECIAL-ISSUE.pdf>
5. Nosirov B., Rakhmonova B. Organization of production of walnuts in an industrial volumes. *International online conference ECLSS Economics and Social sciences. Proceeding book*. June 28-29, 2020. Istanbul, Turkey. P. 59-67. <http://eclss.org/publicationsfordoi/istanbulonline.pdf>
6. Nosirov B.Z., Ergashev A.A., Islamova D.T. Development prospects of food markets in Andijan province. *THEORIA: педагогика, экономика, право*. 2020. №1 (1). URL: <https://theoria.apni.ru/article/17-development-prospects-of-food-markets>
7. B.Nosirov, B.Rahmonova, D.Islamova, Sh.Yoqubov. The role of increasing the economic efficiency of potato production in food supply of the population of Uzbekistan. *Journal of Xi'an University of Architecture & Technology*. Volume XIII, Issue 5, 2021. P. 560-567. ISSN: 1006-7930. <https://www.xajzkjdx.cn/gallery/58-may2021.pdf>
8. B.Z.Nosirov, Peculiarities of formation and development of the regional food market (on example of Andijan region. Abstract of the diss. for PhD. T.: SISM, 2004.
9. B.Nosirov. Some problems of development of livestock industry. *Science and education in agriculture*. Volume 1, Issue 2. 2022. <https://www.seagc.andqxai.uz>
10. U.Sangirova, B.Nosirov, B.Rahmonova. Properties and potential of walnut growing in Uzbekistan. *JournalNX - A Multidisciplinary Peer Reviewed Journal*, Volume 6, Issue 5, Page No. 140-146. ISSN : 2581-4230, <https://journalnx.com/papers/20150963-potential-of-walnut.pdf>