



## THE ROLE OF AGROCLUSTERS IN THE STRATEGY FOR SUSTAINABLE DEVELOPMENT OF FRUIT AND VEGETABLES

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### Annotation

In the current complex socio-economic and environmental conditions, the article provides for the growing needs of the population, the full and effective use of our domestic potential to replace imported fruits and vegetables, the solution of these problems through the modernization and reform of agriculture. development issues were discussed.

**Keywords:** fruits and vegetables, exports, economic reforms, agro-cluster, food security, transport and logistics.

In our country, special attention is paid to the issues of uninterrupted supply of the population's demand for food products at the expense of domestic resources, increasing the volume of exports of agricultural products, including fruits and vegetables. In this regard, it is important to further develop the fruit and vegetable sector, improve its specialization, organize the necessary infrastructure, improve the system of processing and sale of crops.

The development of fruit and vegetable growing, which is one of the leading sectors of the agro-industrial complex, will allow the population to continuously meet the demand for quality food products, and industrial enterprises for raw materials. In addition, Uzbekistan is a country with the potential to produce industrial goods with high potential for the production of fruits and vegetables. No matter how long the current pandemic and quarantine lasts in the world, it is important to further increase the volume of production in the fruit and vegetable sector, the efficient use of available resources so that the population's demand for food does not decrease.

The issues of timely cultivation, storage and logistics of fruits and vegetables, including delivery to the consumer, the procurement system is an important link in the agricultural sector. However, due to the fact that this chain system is not fully formed and improved, a large amount of fruits and vegetables does not reach the consumer on time every year. The following are some of the reasons:

- Gaps and shortcomings in the procurement system. More than 60% of the produced fruits and vegetables are accounted for by farms and personal subsidiary plots of the population, but the share of dehkans with the status of a legal entity is less than 10%. However, there is no mechanism for concluding contracts and making calculations with farms without establishing a legal entity;
- When forming an order of a state or exporting organization for the next year, it is necessary to provide advance payments to producers under order contracts, because the organizations responsible for placing fruit and vegetable products on order do not have sufficient funds for such advance.



"At the same time, the analysis of best practices in the production, storage, processing and sale of fruit and vegetable products shows that there is a need to effectively stimulate the development of cooperation between producers of these products" [1].

Fruit and vegetable growing, which is an important part of the agricultural sector, is one of the main directions of private sector development in our country. More than 20 million tons of fruits and vegetables are grown annually. But more than 80 percent of the product remains unprocessed. This shows that special attention should be paid to the task of creating a value chain in the fruit and vegetable industry.

"Today, there are more than 240,000 agricultural machines in the country, including 52,000 tractors. The level of provision of tractors in vegetables and melons - 54%, horticulture and viticulture - 48%, of which 57% of tractors specializing in horticulture, 41% of transport tractors, 31% of driving tractors have reached the end of their service life.

In order to positively address this issue, in accordance with the recently signed resolution of the President "On measures to accelerate the development of agricultural machinery, state support of the agricultural sector with agricultural machinery" in 2019-2025 in clusters specializing in fruit and vegetable production It is planned to produce and deliver more than 18,744 units of new agricultural machinery, including fruit and vegetable machinery "[2].

Therefore, in the clusters specializing in fruit and vegetable growing in the country, special attention should be paid to providing the industry with modern and innovative equipment. This, in turn, will increase the level of mechanization of the industry, reduce costs and significantly increase productivity through the timely implementation of agro-technical measures.

The economic growth of the fruit and vegetable sector should be achieved not by further expanding the use of available domestic resources, but by introducing a system of competitive production cooperation and clusters that meet the modern requirements in terms of product quality.

Problems and shortcomings in the sustainable development of the fruit and vegetable industry:

- It is necessary to radically change the attitude to land, the main key of which is the lack of a system for the supply of products to households and farmers on the basis of a contract (including a futures contract);
- Lack of an ordering system to stockpile fruits and vegetables in order to ensure a stable supply of fruits and vegetables to the domestic consumer market even in winter and spring, as well as to meet the needs of local food producers;
- Lack of effective opportunity for all categories of producers to study the market, search for a buyer and sell the product as a result of simultaneous production;
- One of the main problems in expanding export opportunities is the fact that more than 60% of fruits and vegetables are grown by small farmers and landowners, and their participation in the export-oriented value chain is low;
- low income level of producers, lack of attention to improving their social conditions;
- Insufficient development of seed, nursery, soil science, plant protection, irrigation, standard, certification system and lack of timely information of growers;



- underdevelopment of cooperation, marketing and logistics systems;
- Lack of introduction of modern resource-saving modern storage, processing, sorting and packaging technologies, etc.

The main focus in fruit and vegetable clusters should be not only on increasing the income of the population by increasing the quantity and improving the quality of crops, but also on protecting the environment. In other words, the main goal is not to get the maximum yield, but to focus on cost-effective and quality yields.

To do this:

- Creation of a clear organizational, economic, legal mechanism of fruit and vegetable clusters, aimed at sustainable development of fruit and vegetable growing in the country;
  - Measures to develop fruit and vegetable growing, along with increasing production, will be aimed at improving the quality of products, their sale in domestic and foreign markets and ensuring a balance between agriculture and animal husbandry;
  - creation of a clear mechanism that fully takes into account the interests of the participants of fruit and vegetable clusters, encourages them and serves to increase value added;
  - Improving contractual relations between the participants of fruit and vegetable clusters;
  - In order to regulate the use of chemicals, encourage the widespread use of biological methods in the field, to ensure the effective use of advanced technologies and methods, the issues of improving the knowledge and skills of agricultural workers (farmers and service providers) should be addressed.
  - At present, there is an increase in integration in the cultivation, storage, processing and delivery of fruits and vegetables. It should be noted that agroclusters have a special place in this process.
- In short, at the current stage of reforms in the country, the implementation of these measures will ensure food security, employment and migration, export potential and living standards of our people by ensuring long-term sustainable development of fruit and vegetable growing and increasing the efficiency of the sector. allows you to increase.

## References:

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