

**CLUSTER ENTERPRISES AND IMPROVEMENT OF THEIR
MANAGEMENT SYSTEM IN THE DEVELOPMENT OF FRUIT AND
VEGETABLE GROWING IN ANDIZHAN REGION OF THE
REPUBLIC OF UZBEKISTAN**

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ABSTRACT

One of the most pressing issues today is to ensure the uninterrupted supply of food to the population of Uzbekistan and economic growth through the export of fruits, vegetables and grapes to world markets. This article highlights the current importance of the development of fruit and vegetable growing and viticulture in the country, including in Andijan region, and the features of improving the management system in the fruit and vegetable cluster enterprises, as well as the importance of legal and regulatory documents.

KEYWORDS: *Fruits And Vegetables, Viticulture, Food Security, Export, Cluster, Investment, Innovation Project, Management System.*

Relevance of the topic.

INTRODUCTION

The existing natural and climatic conditions in Uzbekistan provide an opportunity for sustainable development of agricultural products, especially fruit and vegetable production. The current natural and climatic conditions in Uzbekistan allow for the sustainable development of agricultural products, in particular, fruit and vegetable growing. The closest and fastest way to the way of life of our people in constantly improving the welfare of the population is the organization of high-income intensive production in agriculture. Taking into account the need to fully use our existing potential and earn a large income, in recent years, this sector has been rapidly reformed in our country.

The President and the Government of the Republic of Uzbekistan pay great attention to the development of fruit and vegetable growing as a priority in the process of transforming the economy. The fact that a significant part of the country's foreign exchange earnings is formed through the sale of fruits and vegetables on the basis of intensive technologies in foreign markets also indicates the priority of radical reform and rapid development of the industry.

President Sh. Mirziyoev called for improving the management system in the horticulture sector and greenhouses, introducing effective mechanisms of state support, establishing cooperation in agriculture, increasing the production of high quality, competitive and export-oriented products based on modern resource-saving technologies, accelerating the food industry. A number of decrees and decisions have been adopted and are being introduced into production.

In order to ensure the effective development of fruit and vegetable growing in Uzbekistan, to

expand the production of high quality and competitive finished products, to introduce it to major foreign markets, the President of the Republic of Uzbekistan on March 28, 2018 "On additional measures In Surkhandarya region, an experiment was launched to support the creation of a cluster approach in agricultural production in the field of fruit and vegetable products.

The President of the Republic of Uzbekistan Sh. As noted in Mirziyoyev's traditional address to the members of the Oliy Majlis on January 24, 2020: "The state order for the cultivation of cotton and grain will be abolished. In the future, the Ministry of Agriculture will refrain from giving instructions, allocating resources, and setting plans. Cheap loans will be provided to other sectors of the agricultural sector. After that, it is planned to export \$ 2 billion worth of fruits and vegetables this year and 3-4 times more in the next 5-7 years. This year alone, water-saving technologies will be introduced on 44,000 hectares of land. "[3]

Decree of the President of the Republic of Uzbekistan No. PF-4947 of February 7, 2017 "On the Strategy for further development of the Republic of Uzbekistan", No. PF-5853 of October 23, 2019 "On approval of the Strategy of agricultural development of the Republic of Uzbekistan for 2020-2030" Decree No. PQ-4549 of December 11, 2019 "On additional measures for further development of the fruit and vegetable and viticulture sector, the creation of value chains in the industry" and additional funding for horticulture and greenhouses and fruit and vegetable clusters in the country. Resolution of the Cabinet of Ministers of February 19, 2020 No. 102 "On measures of additional financial support of horticulture and greenhouse farms and fruit and vegetable clusters", January 27, 2021 No. PP-4964 "Farms, dehqan farms and see the financial situation of landowners Resolutions of the Cabinet of Ministers No. 130 of March 11, 2021 "On the organization of state financial support of agricultural producers" and other regulations in other areas The implementation of the tasks will contribute to the rapid development of this sector.

The new Development Strategy of Uzbekistan for 2022-2026, approved by the Decree of the President of the Republic of Uzbekistan No. PF-60 of January 28, 2022, states:

- Increase the income of farmers by at least 2 times through intensive development of agriculture on a scientific basis, bring the annual growth of agriculture to at least 5%.
- Specialization of districts to grow a specific type of product.
- Expand the scope of state support in agriculture and implement new insurance mechanisms.
- Development of new and decommissioned 464 thousand hectares and allocation to clusters on the basis of open selection.
- Reduction of 200,000 hectares of cotton and grain fields and long-term lease to the population on the basis of open competition.
- Development of export-oriented products and fruit and vegetable growing, increasing the area of intensive orchards by 3 times and greenhouses by 2 times, and increasing the export potential by another \$ 1 billion. "[4]

Materials and methods. In carrying out these tasks, a cluster system is being put into practice on the basis of the direct idea of President Sh. Mirziyoyev, and a "chain method" of agricultural production and deep processing is being created.

Doctor of Economics M.Rakhmatov, academician, doctor of biological sciences, professor B.Zaripov, teacher of Namangan State University B.Niyozmetov, project coordinator of BCT

Cluster and TCT Cluster clusters in the country M.Rakhmatov and general manager A.A. "Cotton-Textile Cluster - the locomotive of economic development" by the international scientific publishing house "LAMBERT Academic Publishing" in Germany. His pamphlet details the radical reforms being carried out in agriculture in our country in recent years.

In particular, the new ideas, innovations and know-how applied in this area serve to industrialize the agricultural sector, improve the living standards of rural workers, which is illustrated by the activities of cotton and textile clusters [5].

Results and discussion. Therefore, the way for our country to become one of the leading countries in the world is the introduction of cluster systems in agriculture, science, education and other areas.

In this regard, in accordance with the Resolution of the Cabinet of Ministers of the Republic of Uzbekistan dated September 21, 2018 No 752 "On additional measures for the development of fruit and vegetable growing in Andijan region by cluster method" Extensive introduction of a cluster system covering the placement of export-oriented varieties of fruits and vegetables, the full process of growing, storage, processing and sale of products that fully meet the needs of foreign markets, creating new jobs, increasing the financial interest of participants in fruit and vegetable growing and processing In Andijan region, "Premium Agro Gold" and "Navigul" LLCs and "Obod Turmush Orzusi" farm have established model fruit and vegetable clusters specializing in the cultivation, storage, processing and sale of fruits and vegetables. zifas marked:

- Based on the study of best international practices in fruit and vegetable growing, their widespread use in the regional context and the involvement of foreign experts in the introduction of a cluster system in the fruit and vegetable industry;
- Cultivation of agricultural products that fully meet the requirements of foreign markets, in the future to master and develop their selection and seed production in our country;
- Tasks such as the introduction of a system that fully covers the process of planting, cultivation, storage, processing and sale of fruit and vegetables, as well as the introduction of modern innovative, resource-saving technologies in the production of fruits and vegetables and compliance with phytosanitary regulations.

In this regard, in order to consistently implement the decisions of the President and the Cabinet of Ministers of the Republic of Uzbekistan in Andijan region through the establishment of fruit and vegetable cluster enterprises to ensure food security and increase export potential in the country.

INDICATORS OF FRUIT AND VEGETABLE AND GRAPE GROWING IN ANDIJAN REGION.[9]

№	Indicators	Unit of measurement	2017 year.	2018year.	2019year.	2020year.	2021year.
1	Fruits and berries	tons	568 706	606 053	633 364	634 048	657 480
	including.- seed	tons	265 086	308 602	302 356	303 794	x
	-grains	tons	227 777	216 586	249 719	229 386	x
	- walnut fruit	tons	18 722	28 255	28 975	41 604	x
	- subtropical	tons	55 380	50 982	46 804	54 079	x
	- berries	tons	1 345	407	1 568	1 916	x
2	Vegetables	tons	1478 128	1570 917	1596891	1 611 054	1 645 197

3	Grapes	tons	78 849	71 247	77 630	76 817	80 896
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According to the table, in Andijan region in 2017-2021, the production of fruits and berries increased from 568,706 tons to 657,480 tons or 115.6%, vegetables from 1,478,128 tons to 1,645,197 tons or 111.3%, grapes from 78,849 tons to 80,896 tons. or an increase of 102.6 percent

In 2019, the organization of fruit and vegetable cluster enterprises in Andijan region was carried out in two stages Initially, 9,469 hectares of 22,764 hectares of arable land in Bulakbashi, Khojaabad, Andijan, Asaka, Jalal-Abad, Altynkul and Balikchi districts will be planted on 9,469 hectares of land. Pearl sprouts ”were attached to agroclusters In the second stage, agro-clusters were established on 2,463 hectares of 10,484 hectares of arable land in Boston, Marhamat, Ulugnor, Shahrikhan, Kurgantepa and Izbaskan districts.

In 2020, the enterprises of the cluster system in Andijan region will be able to process 62,900 tons of fruits and vegetables, and store 27,200 tons of products in refrigerators.As a result of the implementation of new projects planned for 2021, 71,900 tons of products will be processed, 33,800 tons will be stored in refrigerators and delivered to the population throughout the year.

INDICATORS OF FORMATION OF FRUIT AND VEGETABLE CLUSTER ENTERPRISES IN ANDIJAN REGION, (2022) [9]

Years	Number of clusters	Total fruit and vegetable area, hectar	Included attached to the cluster hectar	hence			Coverage relative to total land area, in%
				In the cluster itself	On farms		
				numb er	Area, hectar		
2019	16	27441	9858	1384	1316	9115	35,9
2022	4	8238	2958	584	212	1733	35,9
The total	20	35679	12816	1968	1528	10848	35,9

In general, in 2022, the number of enterprises of fruit and vegetable clusters in Andijan region was 20, the area of crops attached to the cluster was 12,819 hectares, and the number of farms was 158, the level of involvement in cluster enterprises was 35.9%.

Conclusions

1. In Andijan region, 35679 hectares of fruit and vegetable cluster enterprises are located in 22337 hectares of fruit and vegetable area, or 62.6 percent with fruit and vegetable production, 1080 hectares or 3,0 percent with fruit and vegetable processing, 1177 hectares or 3.3 percent with fruit and vegetable processing and similar sectors.

2. Today in the system of enterprises of the fruit and vegetable cluster 1528 farms operate, the combined areas of which are 10848 hectares. Currently, works are being carried out to strengthen the legal aspects of the supply of products between farmer farms and agroclusters that grow fruit and vegetable products, to conclude contracts at a free price on ensuring the interests of both parties and to carry out online trading on birja quotations.

3. Issues such as vacant lands in Andijan region, Organization of crop plantations in place of unproductive garden vineyards, cultivation of fruits and vegetables on the basis of exporters demand and expansion of exports are being implemented positively.

4. In Andijan region, works are being carried out to provide intensive gardens, vineyards and greenhouses to the population and entrepreneurs on preferential terms, to make rational use of the benefits given by our state on creating convenience on credit payments until the new gardens enter the harvest and the owner sees the income.

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