

## **Analysis of Indicators of Economic Efficiency of the Activities of Clusters of Fruits and Vegetables**

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**Abstract.** *The globalization and deepening of integration processes in the world economy presupposes a comprehensive in-depth study of agrarian business, both its internal strengths and weaknesses and its external capabilities and risks in the market. It is one of these possibilities that is to organize the agro-industrial group according to the cluster model. As a result of the analysis, serious attention will be paid to the creation of infrastructure based on advanced technologies in Uzbekistan at the next time, the introduction of the cluster method in agriculture.*

**Keywords:** *Cluster, innovation, integration, specialization, value-added, Earth credit score, economic efficiency, extensive, intensive.*

### **INTRODUCTION**

President of the Republic of Uzbekistan As stated by Shavkat Mirziyoev, "Orchards in Uzbekistan, especially orchards with an intensive method, are not organized enough, orchards and vineyards are in an unusable state, so their economic efficiency is extremely low, and thousands of hectares of old orchards are in a number of districts. have not been producing for years. Currently, the government of the Republic has set the priority tasks of satisfying the consumer market demand for fruit and vegetable products, increasing the volume of exports, and modernizing the industry. The solution of these tasks is connected with the improvement of the system of effective organization, accounting and statistical analysis of the processes of growing, processing and selling fruit and vegetable and viticulture products by farms.

Of Uzbekistan dated October 23, 2019 "On approval of the strategy for the development of agriculture of the Republic of Uzbekistan for 2020-2030" No. PF-5853, 2019 On December 11, the decision PQ-4549 of the President of the Republic of Uzbekistan "On additional measures to further develop the fruit-vegetable and viticulture industry and create a value-added chain in the sector" was adopted.

In the cluster system, both the farmer and the leader work in winter and summer. That is, they receive not only a salary during the year, but also a bonus if they work well.

All this brings together the interests of people and the state, ultimately becoming a cluster - a criterion for integration, innovation and economic growth.

A cluster system- is a whole system that covers the process from the cultivation of raw materials to the delivery of processed finished products to consumers. The purpose of the cluster system:

- Updating agrotechnical activities, increasing productivity several times by attracting modern innovative technologies in the cultivation of products;
- creation of a value added chain by producers and export of finished products;
- getting a lot of income at a lower cost. It consists in enriching the material and technical base of

producers with modern agricultural techniques and equipment, and updating infrastructure facilities .

**LITERATURE ANALYSIS AND METHODS.** AA Aripov, AU Aripov, SA Ostroukhanova, OK Afanasev, B. Sh. O'lmasbaev, RM Karimov made their special contributions. Their scientific works were used in the preparation of this dissertation, analyzing the theoretical and practical aspects of the training manuals and textbooks.

**ANALYSIS AND RESULTS.** The purpose of creating the cluster was to provide full assistance in organizing the activities of farms in the region, coordinating supply, production, provision of various services, storage, processing and sales processes. It can be seen that the creation of a cluster has aroused interest in most farms and the integration processes have accelerated year by year.

It can be seen from the table that by 2022, the main high indicators of fruit and vegetable growing clusters established in our Republic will be 24 in Tashkent region and 20 in Fergana region. This is explained by the fact that fruit and vegetable clusters were organized based on the agricultural specialization of the regions.

**In the Republic of Uzbekistan established fruit and vegetable clusters and farms attached to them .**

*As of 2022*

No	Regions and regions name	Fruit and vegetable clusters				
		the number	Unite raised land area, ga	From this		
				In cluster, (hectare)	On the farm	
				Number	Area, (hectare)	
1	Republic of Karakalpakstan	10	5652	2739	387	2913
2	Andijan	16	12182	1530	1404	10652
3	Buxara	5	2738	1003	136	1735
4	Jizzax	12	15237	5037	1138	10200
5	Kashkadarya	6	3688	663	353	3025
6	Navoi	7	3053	925	105	2128
7	Namangan	13	14774	4330	1170	10443
8	Samarkand	13	21581	2940	2573	18640
9	Surxandarya	13	6047	1740	385	4307
10	Syr Darya	5	1820	1480	86	340
11	Tashkent	24	15131	6039	809	9093
12	Fergana	20	12541	2060	1262	10481
13	Xorezm	3	1580	14	225	1566
	<b>by republic</b>	<b>147</b>	<b>116024</b>	<b>30500</b>	<b>10033</b>	<b>85524</b>

Source: compiled on the basis of information from the Ministry of Agriculture:

In the analysis of the dynamics of land area increase, mainly gardens paying attention to the structural change, it is possible to find out the necessity and possibilities of increasing the production volume in relation to which type of fruit. This is primarily related to favorable conditions and changes in demand for exports. In addition, the storage and processing of products is directly related to the production of dry fruits and the export of products.

The parameters of accuracy and reliability increase relativity when assessing economic efficiency indicators of supply, production, processing, storage and sales processes, especially among producers based on today's private ownership form. Because the need for initial accounting is often lost its meaning, in fact, all business operations require accuracy and continuity.

**CONCLUSIONS AND SUGGESTIONS.** The economic growth of the fruit and vegetable sector should not be due to 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 that meet the requirements of the time in terms of product quality.

In the conditions of Uzbekistan, it is appropriate to give importance to the following in the sustainable development of the industry:

- further strengthening the financial stimulation of the activities of exemplary enterprises operating in rural areas, specializing in the storage and processing of agricultural products in an innovative resource-saving way, introducing tax, customs and other benefits to them;
- allotment of credit to the entrepreneur before the export process, insurance, taking a place in foreign markets, "geographical, economic, financial and quality risks", transport-logistics, obtaining relevant certificates, food safety (XASSP) and standard issues to provide practical assistance, to help ensure participation in international exhibitions and fairs, to establish export-credit organizations or to entrust the resolution of these issues to the responsible ministry and office;
- Introduction of "Fruit and vegetable clinic" service.

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