

## Samarkand Region Agroservisning Development

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### *Abstract*

*this article provides an understanding of agroservice enterprises, the dynamics of service changes in Samarkand region, the technical tools available in agroservice enterprises - MTPs, the problems and shortcomings of these enterprises, conclusions and suggestions are presented.*

**Keywords:** *service and service industry, crop yield, agroservice enterprises, production efficiency, agroservice services, MTP, technical tools.*

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In recent years, in Uzbekistan, great attention has been paid to the rapid development of important areas of the agricultural sector, the expansion of the scope of the use of the digital economy in agriculture, and the introduction of modern technologies into the cultivation of fruit and vegetable products. The development and competitiveness of the local agro-industrial complex is crucially dependent on the production efficiency of agricultural enterprises. It is determined by the results of production and commercial activities, the main task of which is to produce and sell various types of resources at the lowest possible cost. Activities aimed at developing innovative technologies developed on the basis of modern achievements of scientific and technical progress in the field of agricultural technology, mechanization and automation of production will help the implementation of this task in the conditions of the digital economy.

Decree No. PF-5853 of the President of the Republic of Uzbekistan dated October 23, 2019 "On approval of the strategy for the development of agriculture of the Republic of Uzbekistan for 2020-2030" focuses on the modernization and rapid development of agriculture [1].

Agriculture is an important sector of Uzbekistan's economy, accounting for 28.4% of GDP. About 4.2 million people work in it - this is 31% of the total employment. Highly developed agriculture is an integral part of the country's material and technical base, a necessary condition for raising the standard of living of workers [ 2].

Currently, increasing efficiency and increasing profits is one of the most important issues. The profit and profitability of production depends on the production, supply and service activities carried out by the enterprise, that is, it is necessary to increase and develop agro-service entities that support the effective organization of the production process and consistent operation, as well as provide them with various services - this, of course, provides the types of services. development. Regarding the development of the service sector, our president Sh.M. As Mirziyoev noted: "One thing must be clearly understood - for the development of the service sector, a separate approach is needed for each region" [3].

Agroservice is one of the most important tasks, ensuring the continuity of the production process in agriculture and continuously introducing modern, environmentally friendly services to the network. At present, more than 20 types of agroservices operate in the agriculture of our country and serve as one of the important factors in increasing the efficiency of agricultural production.

Indeed, today, the development of agroservices is the main issue in agriculture, in this regard, one of the scientists of our country - K.D. Mirzayev emphasizes as follows: "Agroservices are a set of purposeful activities aimed at satisfying the needs of agricultural production in the agrarian system under the conditions of the market economy, in this process, based on modern techniques and technologies, the demands and offers of consumers are formed in harmony, and it is aimed at generating income during its implementation." [4]. Based on this definition, we can say that agroservices are aimed at satisfying the needs of consumers, and to implement them in accordance with the purpose, it is the development of agroservices. The main reason for this is that high-performance machines, equipment, tools and other means are of great importance in the continuous implementation of reproduction processes in agriculture and intensive development of the sector.

There are 12 regions in Uzbekistan, and we analyzed agricultural service enterprises in Samarkand region.

Samarkand region has high economic potential, rich history and culture. Over the years, the regional economy of Samarkand region has maintained positive dynamics. In the last years

2019-2021, the gross regional product of the region increased by 11% to 43.9 trillion. amounted to soums, production of agricultural products increased by 0.8%, from 17.6 trillion soums in 2019 to 33.8 trillion soums in 2021.

Grain, cotton and fruits and vegetables are the most cultivated crops in our province. We can see the dynamics of their cultivation in Table 1:

**Table 1. Dynamics of production of agricultural products in Samarkand region in 2019-2021<sup>1</sup>**

Indicators	Years			
	2019	2020	2021	from 2021 to 2019, %
<b>Agricultural crops cultivated area, hectares</b>	328107	340750	359283	109.5
<b>Agricultural products, billion soums</b>	28379.5	33759.4	41206,1	145.2
<b>Growth rate of agricultural production, compared to last year, %</b>	103.1	102.5	104.6	101.5
<b>Gross yield, tons:</b>				
<b>Cotton</b>	280852	281008	271852	96.8
<b>Grain</b>	376518	378618	388608	103.2
<b>Fruits and vegetables</b>	207240	207430	209130	101,1

The production of agricultural products has been characterized by positive dynamics for the past few years. In 2021, the cultivated area of agricultural crops increased by 9.5% compared to 2019 and amounted to 359,283 hectares . When we analyze the table, the rate of cotton cultivation is decreasing, and grain and fruit and vegetable cultivation are shown with positive growth rates, that is, the gross grain yield increased by 3.2% during the same period under consideration, and the gross fruit and vegetable yield increased by 1.1%. characterized by From 2019 to 2021, a positive continuation of grain production was observed. The increase in the volume of production was supported by state support and state programs for agriculture within the current framework.

In the conditions of the market economy, the demand of the population of our country for food products and social protection is increasing. For this reason, governments are tasked with supporting and developing agricultural sectors that produce the main food products and social sectors that provide services to the population.

Agricultural service enterprises play an important role in the production of agricultural products,

<sup>1</sup> Compiled by the author based on the data of the Samarkand Regional Statistics Office.

increasing their quality and quantity, obtaining planned volumes, ensuring food safety and sustainable development of the country.

Effective operation of agroservices provided to agricultural enterprises of Samarkand region is largely dependent on material and technical support. Increasing the efficiency of providing technical services to farmers and peasant farms in the conditions of the digital economy directly depends on the level of material and technical support of the entities providing agricultural services. Therefore, the technology of agricultural equipment problems and the efficiency of its use are of particular importance.

Provision of material and technical agroservices to these farms is mainly carried out by alternative MTPs, as it includes all technical services, from preparing the land for planting to harvesting. In order to analyze agroservices, the following information was provided after studying the state of agricultural machinery in 5 MTPs serving agricultural enterprises in Samarkand region (Table 3):

**Table 3. State of equipment in MTPs of Samarkand region<sup>2</sup>**  
**(in 2019-2021)**

No	Agroservice enterprises	Technique		Applicability of techniques	
		total	valid	(+; -)	%
1	Guzalkent Agroservis MTP	104	56	-48	53.8
2	Koshrabot Agroservis MTP	31	18	-13	58
3	Jomboy Agroservis MTP	62	29	-33	46.8
4	Narpay Agroservice MTP	57	21	-36	36.8
5	Butlers Agroservice MTP	48	22	-26	45.8
	Zhami:	302	146	156	48.3

When we studied the MTPs providing service in 5 districts of Samarkand region, in the last 3 years, that is, in 2019-2021, there were 302 agricultural machines, 146 of them were in good condition. The total number of valid agrotechnics is 156 less than the total number of agrotechnics - 48.3%.

**Conclusions and suggestions.** MTPs providing services to agricultural enterprises, their failure to be fully equipped with required technical means not only affects the quality and duration of field work, but also negatively affects crop yield. That is why there is a need to develop a calculation methodology for justifying the types, models and quantity of machines that ensure full mechanization of agroservice works in cotton, grain, fruit-vegetable fields.

In agriculture, agro-service machines related to crop processing, planting, harvesting, sorting, harvesting and other processes need to maintain or restore their working capacity in order to ensure uninterrupted operation during agrotechnical seasons. These requirements are met by maintenance and repair of machines.

In conclusion, taking into account the current favorable conditions and opportunities in the Samarkand region, the following proposals can be made for further improvement of the agroservice sector:

<sup>2</sup>It was developed by the author based on the information of the Samarkand Region Agricultural Department

- ✓ continuous improvement of service services for mechanization and equipment in the field of agroservice;
- ✓ developing and improving leasing and dealership relations;
- ✓ formation of consulting firms in the field of agroservice;
- ✓ use of modernization opportunities for enterprises providing mechanization services in this field.

**List of used literature:**

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