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**ANALYSIS OF THE CULTIVATION OF GRAIN CROPS IN THE FARMS
OF UKRAINE**

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The work is devoted to the analysis of the production of grain crops in the farms of Ukraine. The development of grain farms in Ukraine by region is analyzed. Data on the area sown under grain crops in farms and their gross harvest in recent years are given. The main grain crops grown by Ukrainian farms have been identified.

Key words: farming, grain crops, sown area, gross harvest, grain production.

Agriculture in Ukraine has been developing most dynamically in recent years and is the engine of economic development in modern conditions. A significant contribution of agriculture to the country's gross product and exports. This is due to the action of various factors of influence, among which is the fact that the state has taken real steps to form a new agrarian policy. But many issues related to the formation of strategic issues of agrarian development are not resolved and require further discussion. Thus, in the modern agricultural market of Ukraine, many different forms of management function, the rates of development of which are not the same and at different stages of the formation of the agricultural market. At the same time, there is also a differentiated degree of influence and their support by the state, which require appropriate adjustment taking into account the development trends of various sectors of agriculture and rural development [1].

The research of domestic scientists, the experience and practice of the organization of global agricultural production show that some of the most effective farms based on the principles of entrepreneurial activity belong to farms. Entrepreneurial structures of the agrarian sector of the economy, including farms, in the process of their activity become participants in the competitive struggle for consumers, and the possibility of their survival depends on the ability to effectively and comprehensively use all their advantages over competitors.

Ensuring the effective development of farms requires the development of appropriate measures that would allow them to adapt to changes in the existing market environment and increased competition [2-4].

World experience shows that the basis of the agricultural sector of countries with a developed market economy is family farms. Farming is a market-oriented entrepreneurial structure that has large enough land plots for the production of marketable agricultural products, and can deal with their processing and sale. The results of a study conducted in 93 countries of the world indicate that out of more than 570 million farms, more than 500 million are owned by families. Family farms account for at least 56% of produced agricultural products. Such farms cultivate a significant share of agricultural land in the world: 83% - in North and Central America, 68% - in Europe, 85% - in Asia, 62% - in Africa. And only in South America this share is 18% [3-5].

According to the Food and Agriculture Organization of the United Nations (FAO), in Brazil, family farms cultivate less than 25% of all agricultural land, but also produce about 40% of the main agricultural crops. In the US, family farms cultivate 78% of the country's agricultural land, producing 84% of all agricultural products worth \$230 billion. In addition, the largest number of jobs in the agricultural sector is concentrated in farms [5].

Farms play important social functions in the village. After all, they provide the rural population with jobs, contribute to the development of social infrastructure. Data from the State Statistics Service of Ukraine confirm that the total number of employees in farms for the period 2010-2020. increased by 31%, in particular, there

were more hired workers, and on average 2.1 workers per 100 hectares of agricultural land, while in 2020 - 3.3 workers. This contributed to opportunities to create jobs for hired workers, which today is extremely important for the village both economically and socially [3-5].

The purpose of the study is to analyze the cultivation of grain crops in the farms of Ukraine. Discussion issues are the optimal number of farms and the size of their land use areas. At the same time, we note that there is a process of consolidation (unification) of small-scale farms. The question of the optimal size of farms, in addition to the traditional production direction and natural and geographical conditions, also depends on the assistance of authorities, material and technical support, financial opportunities, etc. [6].

As of October 1, 2021, the number of farms in Ukraine was 48,609, and 88 new farms were formed in the last month alone. Since the beginning of 2021, 806 farms have been registered [7].

Since 2013, the number of registered farms has been at a record high of 49,132, but by 2015 this figure had decreased by 11.3% or 5,467. From 2015 to 2021, there is a positive growth trend of 11% or 4,944 farms.

At the first stage of work, we analyzed the geographical location of farms. It is appropriate to conduct research not by the number of registered farms, but by the area of land. Table 1 shows data for 5 years on the sown area for grain crops of farms [7].

Table 1

Sown areas under grain crops, thousand ha

Year	Farms	All	%
2017	2359,9	14623,6	16,1
2018	2472,7	14839,4	16,7
2019	2614,5	15318,1	17,1
2020	2610,8	15392,2	17,0
2021	2821,5	15994,8	17,6

In recent years, there has been an increase in the rate of growth of cultivated areas in farms under grain farms. Fig. 8.1 shows the dynamics of cultivated areas under grain crops of farms in Ukraine. Thus, in 2017, the area under grain crops of

farms amounted to 2359.9 thousand hectares, in 2021 it is 17% more - 2821.5 thousand hectares.

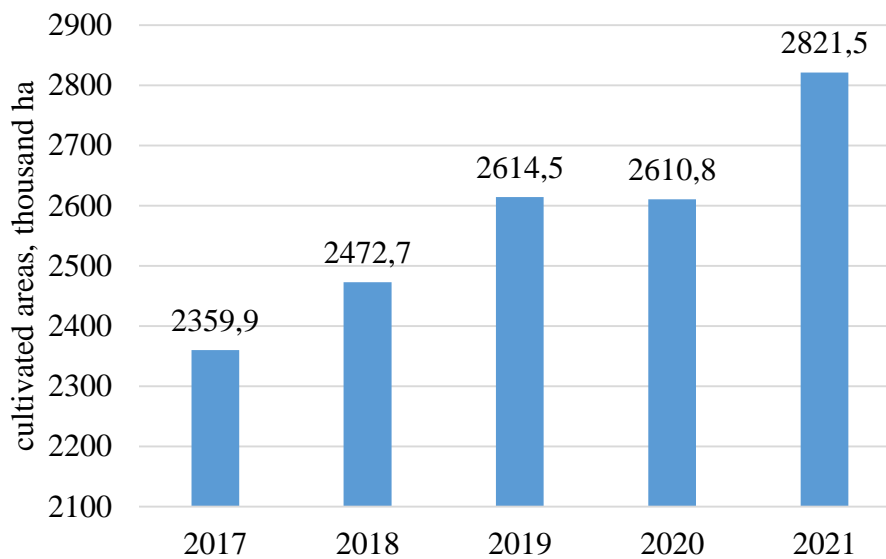


Fig. 1 – Dynamics of cultivated areas under grain crops of farms

Among the regions of Ukraine, Cherkasy, Khmelnytskyi, Zhytomyr, Vinnytsia, Poltava, and Rivne regions are characterized by positive trends in the development of farming. At the same time, the largest number of farms is characteristic of Odesa, Mykolaiv and Dnipropetrovsk regions. Farmers of 4 oblasts (Dnipropetrovsk – 9.4%, Odesa – 9.2%, Kirovohrad – 8.5%, Mykolaivka – 8.2%, Zaporizhzhya – 7.7%) have 42.9% of all agricultural land of farms in Ukraine .

A number of other regions have this indicator within Kharkiv, Poltava, Vinnytsia, 6.2-6.1%

The insignificant development of farming in some administrative regions of Ukraine is explained by the passivity of the peasants and the low efficiency of the activities of local authorities and local self-government bodies, because the following depended on them: the provision of land plots for use and the terms of lease, assistance in the material and technical support of the production process, and the possibility of using the regional agricultural potential etc.

The most important factors that affect the amount of gross income and profit from the sale of goods and that can be controlled by the enterprise are changes in the volume of production and sales of products.

There is a tendency to increase the volume of grain production in farms. The share of grain production in 2017-2021 is 14.0-16.5%.

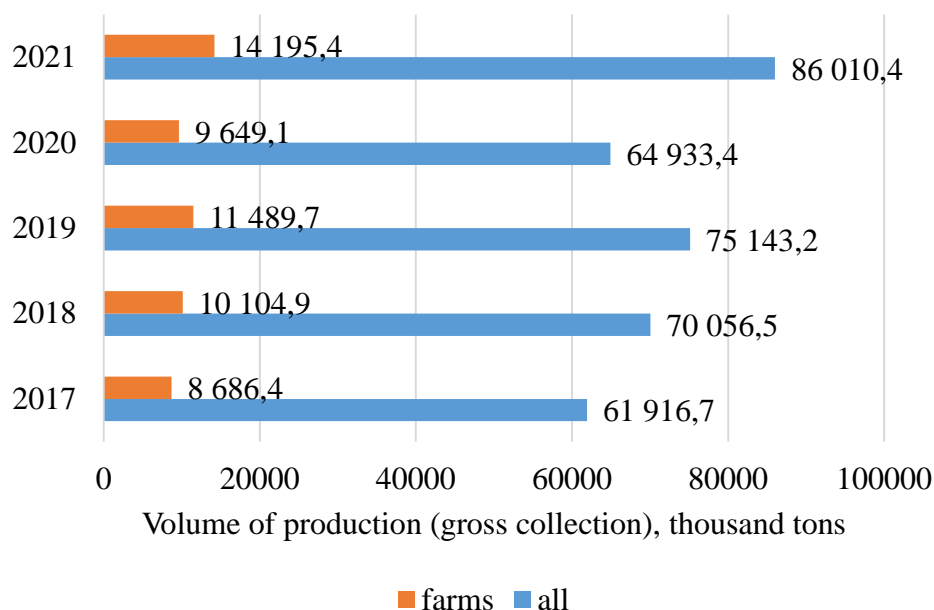


Fig. 2 – Production of grain crops in farms

Farms, as a rule, do not grow a large assortment of grain crops. When choosing crops for growing, small agrarian business owners should focus on those types of products that have a steadily growing demand both in the domestic and foreign markets.

The main grain crops grown by farms are wheat (38.8%), corn (34.6%), sunflower (20.0%) and rapeseed (4.4%), which is 97.8% of all grain crops. grown by farmers.

One of the most important conditions for successfully using the competitive advantages of the development of the fruit business in Ukraine and consolidating the position of a global player is the access to capital and technologies necessary for the development of infrastructure, post-harvest processing, storage, logistics and distribution.

The conclusion from this situation, in our opinion, should be the stimulation of farms to more active entrepreneurial activity in the specified industry, where, due to the use of their own material and technical base, means of mechanization, they have great prospects for development.

At the same time, for the more dynamic development of the modern agricultural sector, along with the impact, the implementation of the task of adapting Ukraine's agriculture to the requirements laid down by the Association Agreement between Ukraine and the European Union is essential. Issues of standardization and certification of agricultural products, their use by farms, as well as compliance with European requirements are urgent in modern conditions in Ukraine.

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