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**STATE SUPPORT FOR THE DEVELOPMENT OF BUSINESS
ENTITIES IN THE GROWING OF CROP PRODUCTS IN WARTIME
CONDITIONS**

**ДЕРЖАВНА ПІДТРИМКА РОЗВИТКУ СУБ'ЄКТІВ
ПІДПРИЄМНИЦТВА З ВИРОЩУВАННЯ ПРОДУКЦІЇ
РОСЛИННИЦТВА В УМОВАХ ВОЄННОГО ЧАСУ**

***Summary.** Introduction. The implementation of state financial and credit support for the development of agrarian business entities is of paramount importance for ensuring the country's food security and the survival of farms in times of crisis.*

***Purpose.** The purpose of the study is to analyze the current state of state support for the development of business entities for the cultivation of crop*

products in wartime conditions and to substantiate the directions of its improvement.

Materials and methods. To achieve the set goal, general scientific research methods were used (abstract-logical, monographic, structural-functional, graphic, statistical analysis and grouping, etc.). The information base of the study was the decisions of the Cabinet of Ministers of Ukraine, legislative acts of Ukraine, data of the Ministry of Agrarian Policy and Food of Ukraine, and national agencies.

Results. The need to amend the current "Procedure for the Use of Funds Provided in the State Budget for Supporting Farms and Other Producers of Agricultural Products" and "Procedure for Grants for the Creation or Development of Processing Enterprises" has been established. It has been substantiated that state support funds should be provided to those business structures for growing crop products that implement organic production systems, digital transformation, precision agriculture, new tillage technologies, alternative energy sources; use resistant plant varieties of new selection and environmentally friendly methods of pest control; grow export-oriented products. It has been found that one of the criteria for receiving a grant for an entrepreneur is the level of manifestation of innovative initiatives in the market environment. In extreme operating conditions, state support for the development of business entities for growing crop products is determined by the amount of assistance from international donors, organizations or institutions.

Further research in this area. Further research is related to the search for new forms and directions of state financial and credit support for business structures in agriculture and to the improvement of regional programs for the development of crop production, post-war reconstruction of the economy of regions.

Key words: state support, state regulation, support mechanism, state programs, grant projects, business entities, crop production, adaptation to the crisis.

Анотація. Вступ. Реалізація державної фінансово-кредитної підтримки розвитку суб'єктів аграрного бізнесу має найважливіше значення для забезпечення продовольчої безпеки країни та виживання господарств в умовах кризи.

Мета. Метою дослідження є аналіз сучасного стану державної підтримки розвитку суб'єктів підприємництва з вирощування продукції рослинництва в умовах воєнного часу та обґрунтування напрямів її вдосконалення.

Матеріали і методи. Для досягнення поставленої мети використовувалися загальнонаукові методи дослідження (абстрактно-логічні, монографічні, структурно-функціональні, графічні, статистичного аналізу та групувань та ін.). Інформаційною базою дослідження слугували рішення Кабінету Міністрів України, законодавчі акти України, дані Міністерства аграрної політики та продовольства України, національних агентств.

Результати. Встановлено потреба внесення змін до діючих «Порядку використання коштів, передбачених у державному бюджеті для надання підтримки фермерським господарствам та іншим виробникам сільськогосподарської продукції» та «Порядку надання грантів на створення або розвиток переробних підприємств». Обґрунтовано, що кошти державної підтримки слід надавати тим підприємницьким структурам з вирощування продукції рослинництва, які впроваджують системи органічного виробництва, цифрової трансформації, точного землеробства, нових технологій обробітку ґрунту, альтернативних джерел енергії; використовують стійкі сорти рослин нової селекції та

екологічно чисті способи знищення шкідників; вирощують експортоорієнтовану продукцію. Виявлено, що одним з критеріїв отримання гранту для підприємця є рівень прояву інноваційних ініціатив в ринковому середовищі. В екстремальних умовах функціонування державна підтримка розвитку суб'єктів підприємництва з вирощування продукції рослинництва визначається розміром допомоги від міжнародних донорів, організацій або установ.

Перспективи. Подальші дослідження пов'язані з пошуком нових форм та напрямів державної фінансово-кредитної підтримки підприємницьких структур в сільському господарстві та з вдосконаленням регіональних програм розвитку рослинництва, післявоєнної відбудови економіки регіонів.

Ключові слова: державна підтримка, державне регулювання, механізм підтримки, державні програми, грантові проєкти, суб'єкти підприємництва, продукція рослинництва, адаптація до кризи.

Statement of the problem. The armed conflict in Ukraine caused significant losses and damages to the agrarian sector of the economy and the agro-industrial complex. It was established that the cost of destroyed agricultural assets is \$10.3 billion; 56.7% of all losses are destroyed machinery in agriculture; \$69.8 billion are losses of commodity producers in agriculture; \$1.8 billion are losses from damage to granaries; \$398 million are losses from damage to 16.3 thousand hectares of perennial plantations; \$69.8 billion are indirect losses in the agricultural business [14, p. 4]. The components of the losses include: costs for land reclamation (–\$329 million); reduction in domestic prices for agricultural products (–\$24.1 billion); reduction in agricultural production volumes (–34.3 billion dollars – reduction in annual crop production; 769 million dollars – reduction in perennial crop production); increase in the cost of agricultural production (–4.4 billion dollars); increase in production costs (–4.4 billion

dollars). It is estimated that over the next 10 years, in order to fully restore the country's economic system, it is necessary to attract 56 billion dollars (35.5 billion dollars – for long-term restoration of production; 9.4 billion dollars – for restoration of damaged assets; 6.1 billion dollars – for immediate restoration of the production process; 5.02 billion dollars – to support initiatives for the European course of agricultural development) [14, pp. 8-18]. Therefore, in modern conditions of functioning, state financial and credit support for the development of business entities engaged in the cultivation of crop products is the most important tool for adaptation and survival in the market environment.

Analysis of recent research and publications. State support for the development of business structures in agriculture is of particular importance for ensuring the livelihoods of citizens and food security in general. Among the latest research and publications, it is necessary to identify conceptual positions and applied developments of scientists of the National Scientific Center "Institute of Agrarian Economics" of the National Academy of Sciences of Ukraine and the State Institution "Institute of Economics and Forecasting of the National Academy of Sciences of Ukraine". Various positions of state support for the development of business entities in modern conditions are revealed in the studies of economists Boki O., Kovalenko O. (2024) [1]; Kravchenko S., Malik M., Shpykuliak O., Zaburanna L. (2022, 2024, 2025) [2, 3, 5]; Kryshchal H., Bezhenar I., Khimich S., Skyba H. (2025) [4]; Babayev V., Kravchenko O. (2025) [6]; Dankevych E., Dankevych V., Akhmetov I. (2024) [7]; Dobrovolska E., Pokotytska N., Volsky V. (2024) [8]; Dragan I., Datsiy N. (2023) [9]; Lozynska T. (2024) [10]; Magomedov A. (2023) [11]; Nebrat V., Suprun N., Bodnarchuk T., Gorditsa K., Gorin N., Didkivska L., Korniyaka O., Kurbet O., Kudlasevich O., Slivka T. (2024) [13]; Neiter R., Zorya S., Mulyar O. (2024) [14]; Pavlenko S. (2025) [15]; Rusan V., Zhurakovska L. (2025) [16]; Sapych V., Tereshchenko S. (2025) [17] and others.

A group of scientists Kravchenko S., Malik M., Shpykuliak O., Zaburanna L. (2022, 2024, 2025) [2; 3; 5] substantiated the institutional approach to regulating the development of business structures in agriculture, the structural and functional interactions of institutions in entrepreneurial activity, the features of the formation of mechanisms for state support and stimulation of the development of small and micro-enterprises of agrarian business, the methodological basis for stimulating and supporting the development of agricultural cooperation entities, etc. Scientists Dragan I., Datsiy N. (2023) [9] focused on the need to intensify state support for the development of innovative activities of business structures of the agro-industrial complex. Scientist Magomedov A. (2023) [11] developed an algorithm for state support for business structures of agrarian business for the period of economic recovery after the end of the armed conflict.

In the monographic study by the authors Nebrat V., Suprun N., Bodnarchuk T., Gorditsa K., Gorin N., Didkivska L., Korniyaka O., Kurbet O., Kudlasevich O., Slivka T. (2024) [13] the results of the interaction of the state and market players, models of the market system of functioning of entrepreneurs, features of state regulation in extreme conditions are revealed and substantiated. Scientists Dankevych E., Dankevych V., Akhmetov I. (2024) [7] pay attention to strategies for attracting financial resources, legislative regulation of the functioning of business structures, digital transformation in rural development.

Scientists Boki O., Kovalenko O. (2024) [1] revealed the essence of programs to support enterprises in the agricultural economy, identified problems with logistics, energy supply, environmental conditions, and socio-economic losses. Attention is focused on the selectivity of supporting business entities in agriculture with financial resources invested from abroad. Scientists Dobrovolska E., Pokotylska N., Volsky V. (2024) [8] revealed the task of regulating the functioning of small and medium-sized businesses in the agricultural sector of the economy (development of socialization of business structures and adaptive

logistics infrastructure, improvement of the legislative framework, rationalization of financial and credit support). Scientist Lozynska T. (2024) [10] proposes to improve state socio-economic support for business entities in the production of organic products.

A group of scientists Kryshchal H., Bezhenar I., Khimich S., Skyba H. (2025) [4] substantiated the peculiarities of the functioning of business structures in the regions regarding the possibility of access to financial resources; the results of the use of state subsidies, grants, and soft loans were assessed. The authors recommended using open, clear, undisclosed conditions for attracting financial resources. Scientists Babayev V., Kravchenko O. (2025) [6] developed a concept of the functioning of state institutions as network partners. Attention is also focused on the shortcomings of financing small and medium-sized business entities in the agricultural business, the features of international payments, and mechanisms for tokenizing agricultural assets. Scientists Sapych V., Tereshchenko S. (2025) [17] proposed using criteria for assessing the level of development of entrepreneurs in the production of export-oriented products for providing grants and opportunities for entrepreneurs to implement alternative energy sources.

The purpose of the study is to analyze the current state of state support for the development of business entities in the cultivation of plant products in wartime conditions and to substantiate the directions of its improvement.

Materials and methods. To achieve the set goal, general scientific research methods were used (abstract-logical, monographic, structural-functional, graphic, statistical analysis and grouping, etc.). The information base of the study was the decisions of the Cabinet of Ministers of Ukraine, legislative acts of Ukraine, data of the Ministry of Agrarian Policy and Food of Ukraine, national agencies.

Presentation of the main material of the study. In 2025, the costs of developing agricultural production will increase. Entrepreneurs in agriculture

have the greatest needs for providing seeds, fuel, fertilizers; for access to sales markets, feed or fodder; for replenishing the livestock [16, p. 3]. The cost of mineral fertilizers is increasing, the cost of imported resources is increasing, the excise tax on fuel is increasing, plant protection products and seeds are becoming more expensive, etc. All projects and programs to support commodity producers in agriculture in 2025 are implemented by the Ministry of Economy and the Ministry of Agrarian Policy and Food. In particular, in the state budget for 2025, the Ministry of Agrarian Policy and Food has provided 137.7 million euros or 6011.0 million UAH of funds to support agrarian business entities in wartime.

The program "Support for farms and other producers of agricultural products" provides 109.8 million euros or 4796.0 million UAH of support from the special fund of the state budget (Fig. 1) [15, p. 3]. The components of support for farms and other producers of agricultural products are the following: a budget subsidy per 1 ha of cultivated land for conducting an agricultural business; special budget subsidies for keeping cattle, breeding stock of sheep or goats. The program "Provision of loans to farms" provides 1.8 million euros or 80.0 million UAH of support from the special fund of the state budget (Figure 1) [15, p. 3]. The purpose of support is to provide interest-free loans.

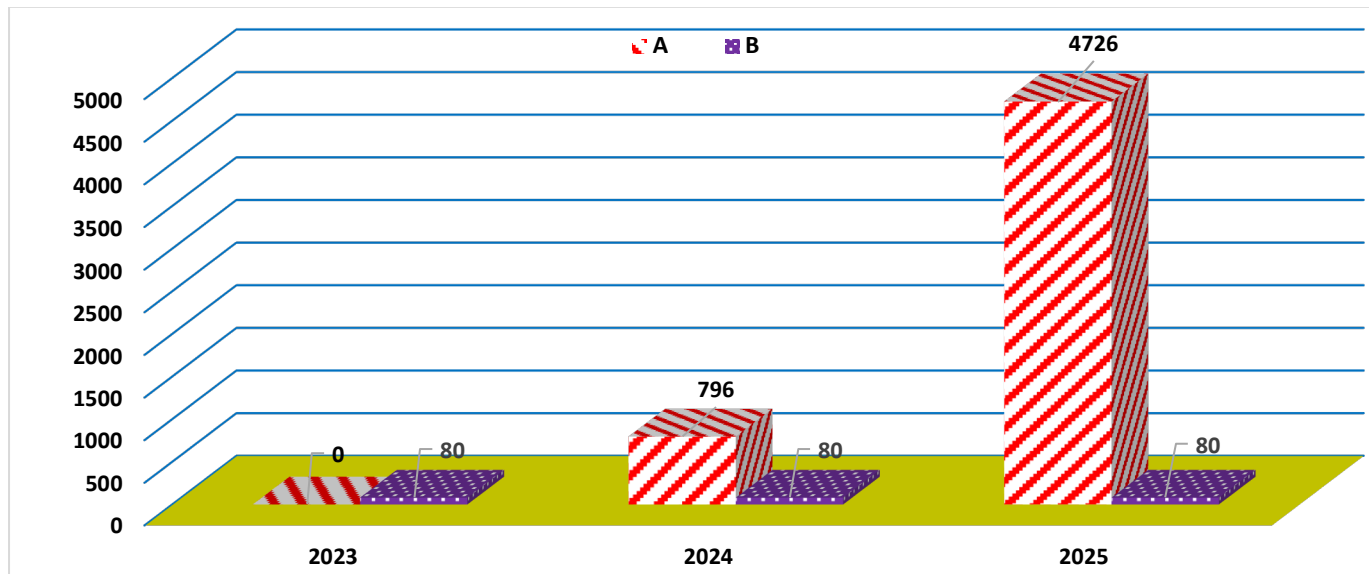


Figure 1. Support for farms and other producers of agricultural products, and provision of loans to farms (mln UAH, at the beginning of the budget year)

(A - support for farms and other producers of products;

B - provision of loans to farms)

Source: compiled by the author based on [15, p. 2-7].

Under the program "Financial Support for Agricultural Producers" at the expense of the special fund of the state budget, 22.9 million euros or 1000.0 million UAH of support is provided, and at the expense of the general fund of the state budget – 4.7 million euros or 205.0 million UAH (Figure 2) [15, p. 4]. The components of financial support for agricultural producers are the following: 22.9 million euros or 1000.0 million UAH – to support entrepreneurs in the agro-processing industry and livestock farming; 4.6 million euros or 200.0 million UAH – to support entrepreneurs who use reclaimed land or are water users; 0.1 million euros or 5.0 million UAH – for additional payments for a single social insurance contribution to family farms.

Under the program "Providing grants for the creation or development of a business" 31.4 million euros or 1370.0 million UAH are provided for the development of berry growing, gardening, viticulture, greenhouse farming and for veterans. Under the program "Ensuring the functioning of the

Entrepreneurship Development Fund" 412.4 million euros or 18000.0 million UAH are provided for compensation of interest rates within the framework of the use of the program "Affordable loans 5-7-9%" (Figure 2) [15, p. 7].

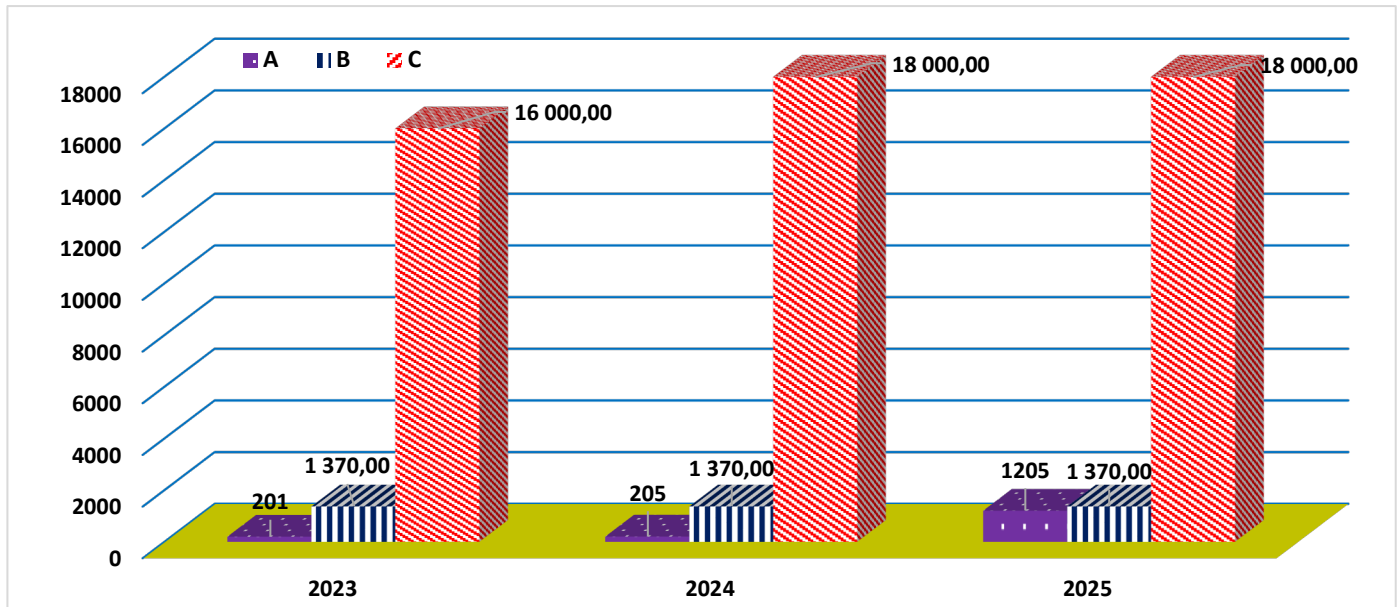


Figure 2. Ensuring the functioning of the entrepreneurship development fund in agriculture, general financial support for agricultural producers and provision of grants for the creation or development of a business in agriculture

(mln UAH, at the beginning of the budget year; A - financial support for producers; B - provision of grants for the creation or development of a business; C - ensuring the functioning of the entrepreneurship development fund)

Source: compiled by the author based on [15, p. 2–7].

The study found that \$56.1 billion is needed to restore the agricultural economy. The components of the necessary support for the immediate restoration of agricultural production, 2023-2025 (millions of US dollars) are shown in Figure 3 [14, p. 30-31]. However, the components of the actual support for the immediate restoration of agricultural production, 2024-2034 (billions of US dollars) are shown in Figure 4 [14, p. 32].

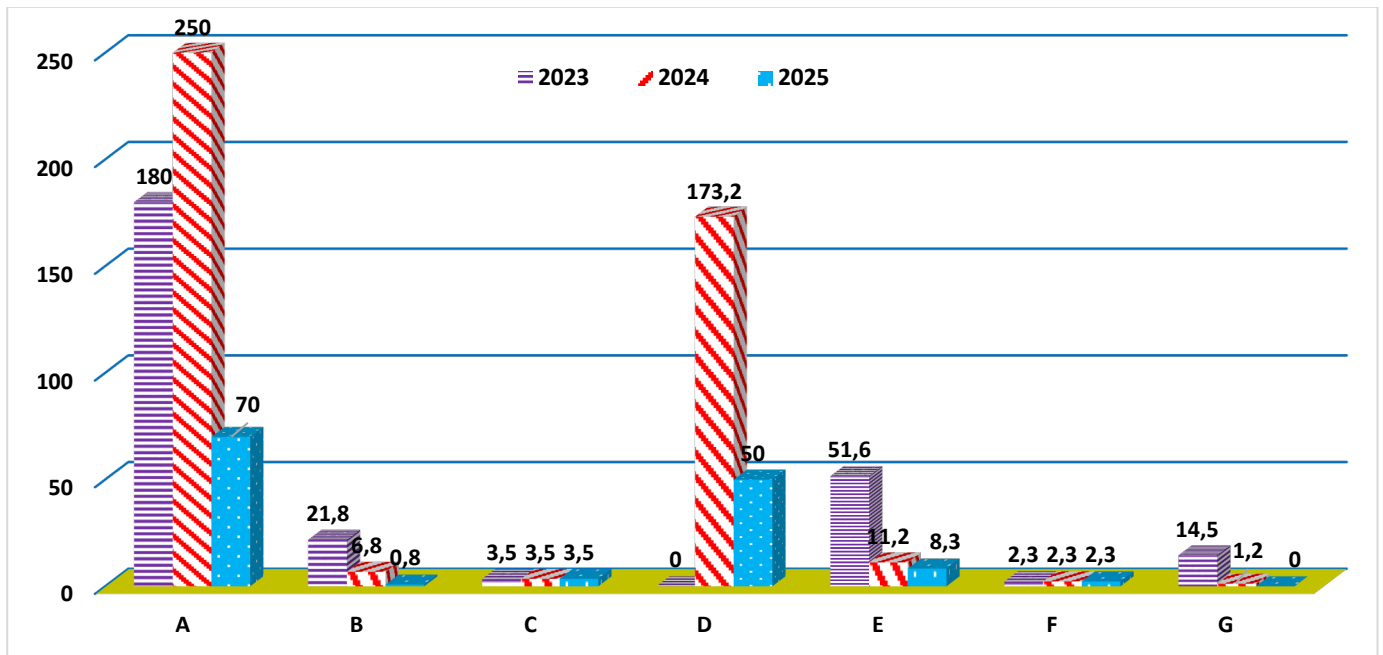


Figure 3. Components of the necessary support for the immediate restoration of production in agriculture, 2023-2025 (million US dollars; (A - interest rate compensation (within the framework of the support program "Affordable loans 5-7-9%"); B - partial credit guarantee for agriculture; C - additional liquidity for financing agriculture; D - production grants for small entrepreneurs; E - material and technical resources and financial support for small entrepreneurs; F - distribution of sleeves for storing products; G - purchase of equipment)

Source: compiled by the author based on [14, p. 30-31].

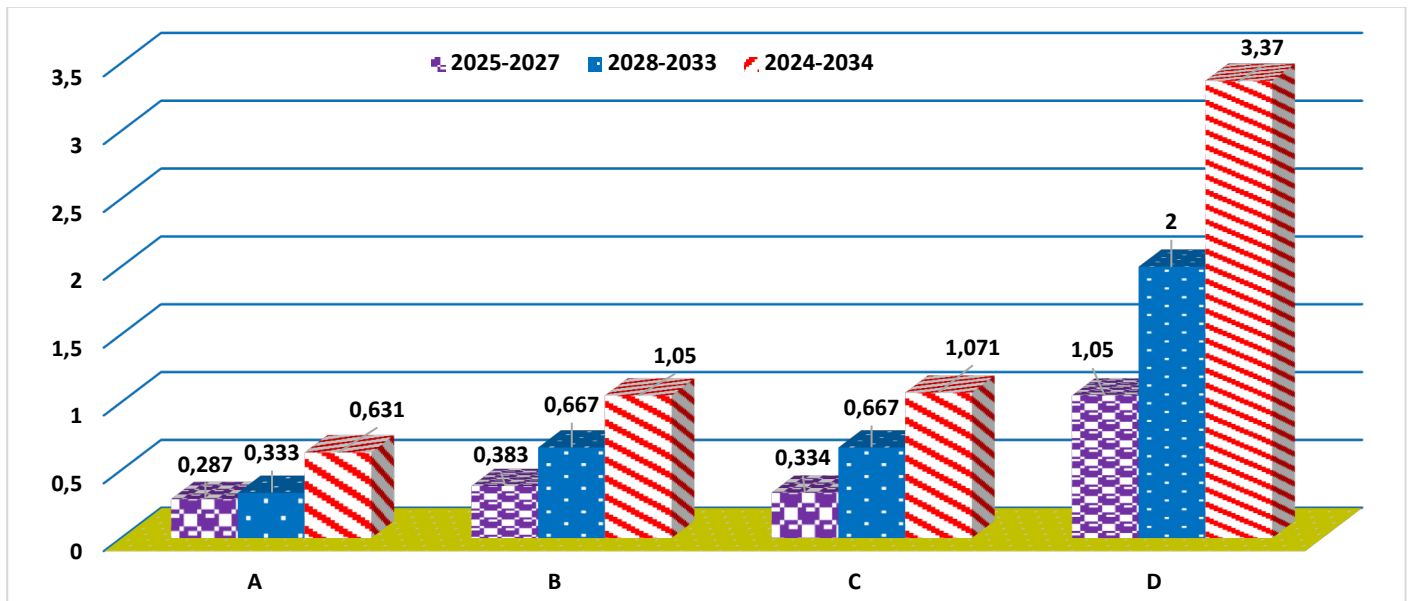


Figure 4. Components of actual support for immediate restoration of agricultural production, 2024-2034

(billion USD; A - partial credit guarantee for agriculture;

B - reclamation of damaged lands; C - production grants for small entrepreneurs;

D - interest rate compensation (within the framework of the support program "Affordable loans 5-7-9%").

Source: compiled by the author based on [14, p. 32]

Taking into account the peculiarities of the state policy “Made in Ukraine”, the following programs to support commodity producers are actively implemented: “Compensation of 15% of the cost (excluding VAT) for the purchase of energy, construction, wheeled and special equipment of Ukrainian production”; “Own business”; “Compensation to farmers for the purchase of machinery and equipment of Ukrainian production”; “Affordable loans 5-7-9%”; “For veterans, their wives and husbands”. For example, within the framework of the support program “Affordable loans 5-7-9%” since the beginning of 2025, business entities have received 48.4 billion UAH or 15.6 thousand loans. As of July 14, 2025, banks issued loans: for the development of agricultural commodity producers – 48.66 billion UAH; for the processing of agricultural products – 44.75 billion UAH [12]. In wartime conditions, under the support program

"Affordable Loans 5-7-9%", UAH 324 billion or 84,887 loans were issued for the development of the country's economy.

From July 24, 2025 to August 22, 2025, applications will be accepted for support by family farms for the acquisition of agricultural land plots without acquiring the status of a legal entity and for diversifying production or conducting production activities.

On July 11, 2025, the International Bank for Reconstruction and Development and Ukraine, within the framework of the World Bank project "Emergency Project to Provide Inclusive Support for the Restoration of Ukraine's Agriculture" (ARISE), signed an agreement on additional financing for \$50 million. The goal is to provide a grant to small farms to ensure access to financing from the Trust Fund for Support. Under the ARISE project, the state has previously received \$595 million [12].

In addition, the German state development bank KfW and the Entrepreneurship Development Fund signed an agreement to support small and medium-sized enterprises for 40.5 million euros within the framework of the SME Resilience Tool project. The components of the SME Resilience Tool project are: technical and advisory assistance; investment grants; the Entrepreneurship Development Fund guarantee instrument; long-term loans for liquidity. The average grant size is 250,000 euros [12].

5445 agribusiness entities received UAH 28 billion in financial resources at the beginning of 2025. As of May 13, 2025, 7.4 thousand agricultural and agricultural processing entities received UAH 44.5 billion in assistance under various government projects. Since July 1, 2022, within the framework of the government grant program "E-Work" in the areas of "Your Garden", "Your Business", "New Level", "Your Greenhouse", 185 small and medium-sized business entities growing grapes, berries and fruits have received UAH 959 million in financial resources.

The study found that the current "Procedure for the Use of Funds Provided in the State Budget to Support Farms and Other Producers of Agricultural Products" and "Procedure for Grants for the Creation or Development of Processing Enterprises" should be supplemented with programs with the largest amount of funds for state support of active business structures in wartime conditions. State support funds should be provided to those business structures for growing crop products that implement organic production systems, digital transformation, precision agriculture, new tillage technologies, alternative energy sources; use resistant plant varieties of new selection and environmentally friendly methods of pest control; grow export-oriented products. It was found that one of the criteria for receiving a grant for an entrepreneur is the level of manifestation of innovative initiatives in the market environment. In conditions of martial law and a crisis in the socio-economic system, state support for the development of business entities for growing crop products is determined by the amount of assistance from international donors, organizations or institutions.

The main grant programs to support entrepreneurial structures for growing crop products may be the following: "Creation or development of one's own business"; "Trajectory" for the development of one's own business of veterans; "Development of agriculture"; "Emergency project to provide inclusive support for the restoration of agriculture in Ukraine"; "For veterans and their family members"; "Created by Women - 2025"; "Development of one's own gardening, berry growing and viticulture"; "Development of veteran business"; "Development of greenhouse farming"; "Restoration of destroyed equipment"; "Development of households and small farmers"; "Microfinancing of business of veterans and their family members"; "For women in the field of agricultural technologies" and others. As of the beginning of 2025, 1,124 grants were financed under the "Grants for veterans" and "Own business" programs, 21,638 microgrants.

Temporary state support programs for business structures for growing crop products in wartime conditions are also being implemented. For example, these are the following temporary programs: "Financial assistance to households engaged in agricultural activities and small farmers Mercy Corps"; "Assistance to Ukrainian farmers in purchasing grain seeds"; "Financial assistance to small and medium-sized businesses in agriculture Mercy Corps"; "Grants to support aggregation models in berry and vegetable growing"; "Program for providing sleeves for temporary grain storage with a capacity of 200 tons each", etc.

Conclusions of this research and prospects for further research in this area. In the process of research, it was established that the current "Procedure for the Use of Funds Provided in the State Budget to Support Farms and Other Producers of Agricultural Products" and "Procedure for Grants for the Creation or Development of Processing Enterprises" should be supplemented with programs with the largest amount of funds for state support of existing business structures in wartime conditions for: growing export-oriented products with high added value, using resistant plant varieties of new selection and environmentally friendly methods of pest control; implementing organic production systems, digital transformation, precision agriculture, new tillage technologies, alternative energy sources; craft production and other innovative initiatives.

Further research is related to the search for new forms and directions of state financial and credit support for business structures in agriculture and the improvement of regional programs for the development of crop production and the post-war reconstruction of the regional economy.

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