

**ORGANIZATIONAL AND ECONOMIC MECHANISM OF TECHNICAL
INNOVATION POTENTIAL AGRICULTURAL
PRODUCTION: FINANCIAL ASPECTS**

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In the article the conceptual apparatus that reveals the essence of the concepts of "mechanism", "organizational and economic mechanism", "technical capacity".

Formulation of the problem.

The purpose of research

Results. The development of effective agricultural production in a globalized economy and fierce competition in the market of agricultural products requires constant and focused technical modernization of the agricultural sector. For the current state of agricultural production Ukraine, characterized by a significant reduction and system degradation tractor fleet of agricultural machinery. This affects production and economic performance of the agricultural production. Technical modernization is the driving force to reduce costs and improve the quality characteristics of agricultural products, and is the "engine" of the progressive development of the agricultural sector. Real state and pace of recovery of logistics and agricultural production in the current economic conditions for producers largely depends on the financial position, company size, efficiency of economic activities and other criteria that could affect the availability of borrowed funds, and government support.

The technical potential of agriculture rightly regarded as part of the production potential of agribusiness. In a narrow sense, it is a combination of means that are capable of performing certain process steps in the manufacture of the products in specified amounts. In addition to the existing structure tractor fleet on the technical potential of agricultural production and crop losses affect existing technical level of machines, production costs, the level of service support, the degree of preparation of engineering and technical personnel, professional level of

machine training. Therefore, the concept of "technical capacity" should represent not only technical, but also technological, economic as well as social effect of agricultural production due to the impact of ergonomic characteristics of machines, employment and qualification of workers in the sector, the conditions and the level of their remuneration.

Thus, the total technical potential of uchasnykivspilnoho agricultural production can be regarded as an integrated factor in its effectiveness. To implement the solution of this problem, the principles of formation of technological, economic and social effects result from the development and implementation of technical potential that shown in Fig. 1.

One of the most important features of agricultural machinery is not only saving labor, time and other resources, but also to enhance the maximum yield.

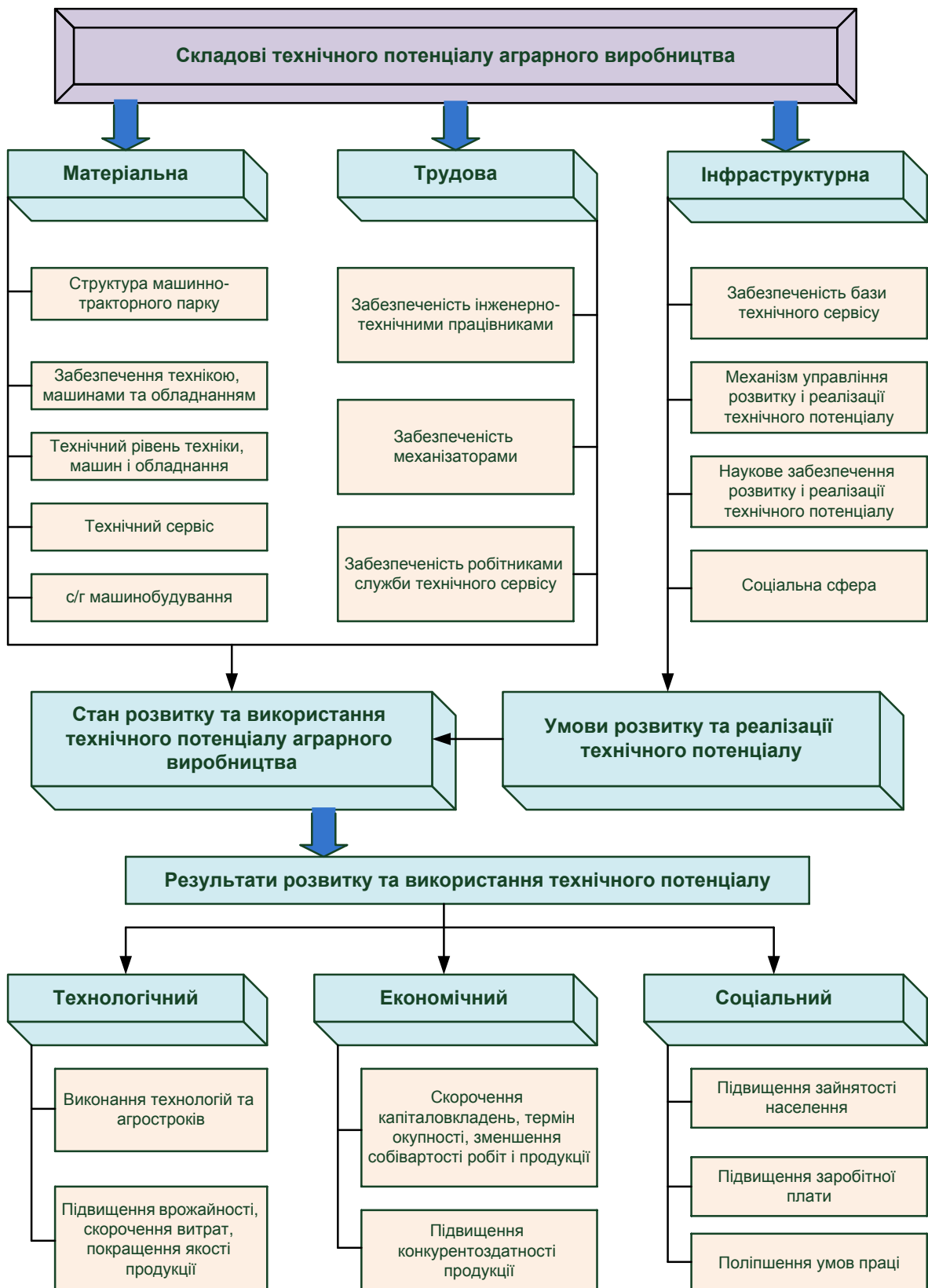


Fig. 1. Scheme of the formation and development of the technical potential of agricultural production.

This sector, better equipped with technology, are able to apply more widely techniques increase productivity, make more fertilizers to

reduce the timing of planting and harvesting, and so on. AI. With increasing yields increased productivity, reduced production costs. Thus, increased production volumes, lowers the cost of production, profitability is ensured.

It should be noted that the number of members and the technical condition of logistics did not allow mechanized work in a timely agronomic terms, and some work is not carried out at all, which impairs the technological level of agricultural production. Without the restoration and development of technical potential of agricultural production organizational and economic transformation in the agricultural sector do not give positive results. Addressing playback technological capacity requires implementation of measures. The formation mechanism of restoration of technical capacity must be preceded by an analysis of its state accounting factors affecting the state tractor fleet, determination of regulatory requirements and lack of technical capacity. The action mechanism is based on the actual state of technological capacity, and given the size of its deficit defined the main directions of its reconstruction and development.

1. Dynamics of the availability of tractors and combine harvesters in agricultural enterprises in Ukraine 2000-2014 biennium.

Types of machines	Years						2014 in% 2000
	2000	2010	2011	2012	2013	2014	
All tractors including tractors, which are mounted on the machine	318927	151287	147131	144947	140541	130811	41.0
Combine harvesters	65240	32750	32062	31158	29364	27196	41.7

Source: Calculated according to: Availability of agricultural machinery and power capacities in agriculture in 2014. Statistical Bulletin. - K.: State Statistics Service, 2015. - S. 7.

As can be seen from Table. 1, there was a reduction in all types of agricultural machinery, besides distributor of feed for pigs. Note that Ukraine's accession to the WTO has set a fundamentally new challenges for agricultural producers to improve competitiveness and quality of its products, in deciding which level of technical equipment is one of the key factors. Reducing the number of agricultural technology - a natural phenomenon on the background of technical progress, including the modernization of modern agricultural technology.

For this purpose we proposed organizational and economic mechanism for upgrading technological capacity of agriculture, which provides close relationship between the state, science, financial institutions, and organizations that produce agricultural machinery and

equipment as well as agricultural producers, who are central to this mechanism.

The development of technical capacity depends on the availability of effective organizational and economic mechanism. However, many scientists in their research on the technical capacity mainly focus on solving specific issues, not the whole complex is forming mechanism of technical capacity [1-7]. Organizational-economic mechanism of innovative technical potential of agriculture - a set of interrelated components, which include prosperity of the agricultural production of agricultural machinery, agricultural machinery development, mechanisms of state support personnel equipped, financial and credit system to facilitate the achievement of the expected economic, social, environmental and other results. Moreover, all these components must be considered from the standpoint of both the state and regional level, aimed at solving social and economic issues, as well as from the standpoint of agricultural activity whose purpose is profit.

The functioning of the organizational and economic mechanism of innovative technical potential of agricultural production includes a combination of two components: organization, which involves the formation of a system of various institutions that have organizational impact on the subjects of agricultural and related sectors; - Economic (tax system, financial policy, investment, etc.).

Organizational-economic mechanism of innovative development of technological capabilities are integral formation of a clear structure - subsystem, which it formed in two base units (organizational and economic) between which established a system of stable interdependencies, ie destructiveness one subsystem causes destructiveness another and as a result, all mechanisms, and vice versa (Fig. 2). With the growing importance of the agricultural sector in the economy is increasing state involvement in the management of agricultural complex. In Ukraine, the agricultural sector is recognized as one of the key sectors of the national economy. Accordingly, it requires a special approach to the management of agricultural enterprises.

Key blocks of organizational and economic mechanism of innovative technical potential of agriculture is to ensure its development, the levers of government regulation.

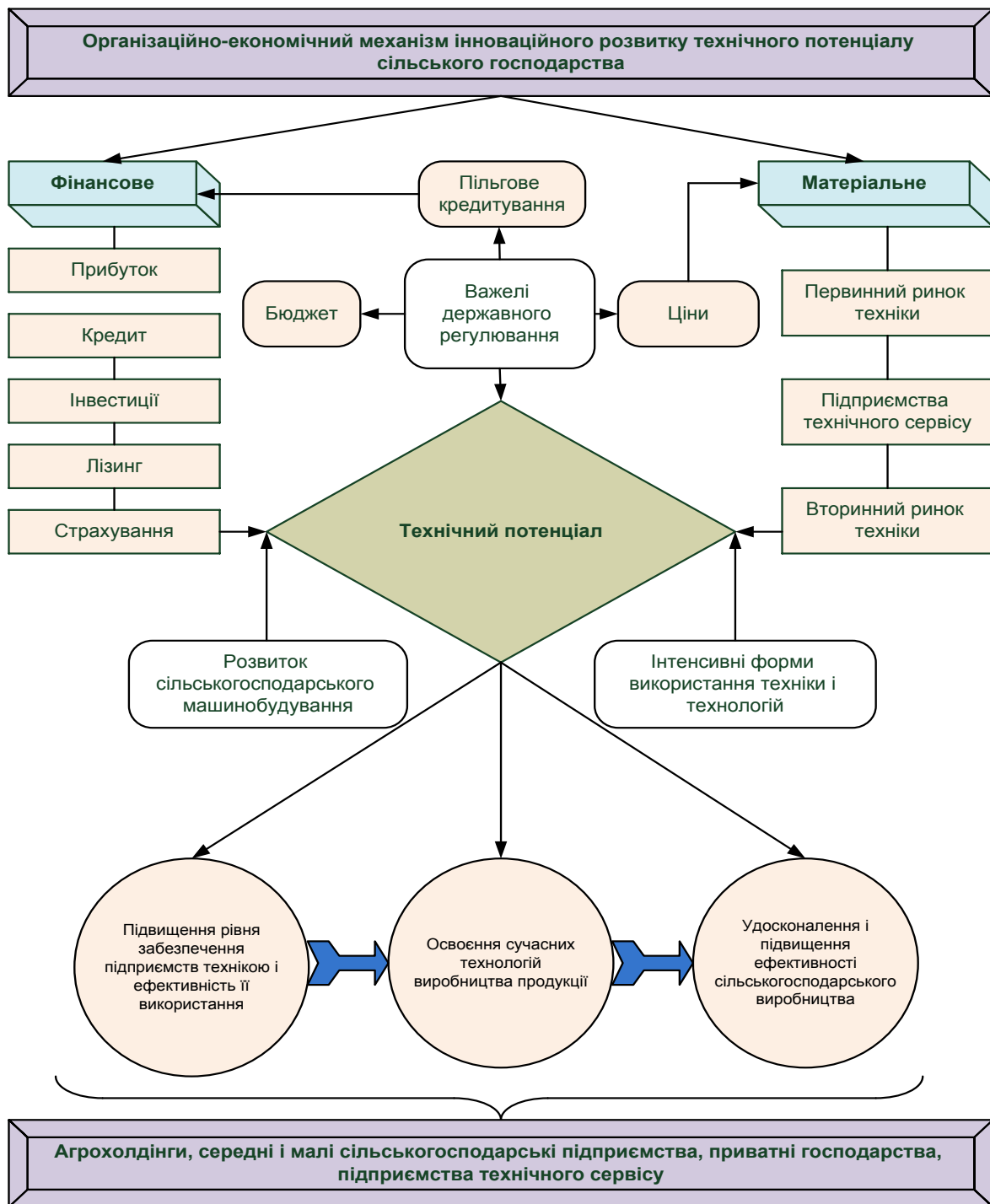


Fig. 2. Scheme of the organizational and economic mechanism of innovative technical potential of agricultural production.

Providing technical capacity development process has two areas: financial and material. Financial support includes both own potential sources of finance - income, the income of agricultural producers and loan - a loan, lease, which should lead to the involvement of banks and other financial institutions in agriculture. It is also necessary to attract investors. Financial support presented primary and secondary markets of agricultural machinery and technical service companies. The

acceleration of the development of agricultural production requires a sharp increase in production and supply of agricultural tractors, combines, cars and other vehicles.

The mechanism of technical capacity should include these instruments of government regulation as: price, that price controls the means of production, resources, provide guaranteed prices for agricultural products; budget, that funding programs, the system of subsidies, compensation and subsidies, development of insurance, budget loans; investment in agricultural production, to stimulate the development of leasing; loans, ie subsidizing interest rates on loans, preferential loans, the allocation of long-term loans. The effect of this mechanism fully should provide organizational focus and mutual consistency of all structural units and links. As a result, first, is to rise the level of security of farm equipment and the efficiency of its use; Secondly, it should be realized implementation and development of modern technologies of agricultural production; Thirdly, all this will result in improving agricultural production and increase its efficiency.

Addressing agricultural production is directly linked with the transfer to the field of modern agro technologies. It should be speedy introduction of the latest scientific developments in agriculture. Improving the process of becoming a strategic factor in strengthening the competitiveness of agricultural production, and for specific Ukrainian agro-climatic conditions - one of the basic conditions of stability and sustainability of APC.

Conclusion. It is shown that the real situation and the pace of recovery technical potential of agricultural production in the current economic environment does not meet its technical and technological preconditions and largely depends on the financial position, company size, efficiency of economic activities and other criteria that could affect the availability of loan funds and funds of state support. Proved that the software development process technological potential has two areas: financial and material. To implement the said developed ways of formation and development of technical potential of agricultural production, organizational and economic mechanism of innovative technical potential of agricultural production

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In Article rassmotreny ponyatyyny apparatus, raskryvayuschyu essence of concepts "mechanism", "organizational-economic mechanism", "of technical BUILDING". Predstavleny organizational-economic mechanism Innovatively development of technical capacity. Rassmotreny Modern approaches for problems and solutions dannoy obosnovanny s approach for usovershenstvovanyyu.

Mechanism, organizational-economic mechanism, of technical BUILDING, Agrarian production.

In paper the conceptual apparatus that reveals the essence of concepts of "mechanism", "organizational and economic mechanism", "technical capacity". Presented organizational and economic mechanism of innovative development of technological capabilities. The modern approaches to solving its problem and reasoned approach to improve them.

Mechanism, organizational and economic mechanism, technical capacity, agricultural production.