

BASIC ELEMENTS AND MECHANISM FOR REPRODUCING TECHNICAL POTENTIAL IN AGRICULTURE

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ABSTRACT

Theoretical approaches and concepts in specific spheres of the economy of the agro industrial complex are presented in the article. The concept is generated based on classic and modern economic theories. In addition, the necessity of basic elements and mechanism of reproduction of technical potential in agriculture of the Republic of Uzbekistan is proposed.

KEYWORDS: agriculture, resource potential, technical potential, features, formation, market economy.

FORMULATION OF THE PROBLEM

The multidimensionality of the concept of "technical potential" and the complexity of the process of its reproduction dictate the need for comprehensive studies of this problem, beginning with the concept of technical potential and its place in the system of reproduction.

The dialectic of the development of social production follows from the unity and contradiction between its material content and social form. The evolution of the material content of the mode of production is the development of the productive forces that are realized in the process of labor, and is manifested in the improvement of production relations. The elements of the productive forces, as Karl Marx pointed out, are "...expedient activity, or labor itself, the object of labor and the means of labor" [1, p. 189]. Means and objects of labor constitute the means of production and, brought into use through the labor skills, knowledge and production experience of people, constitute the productive forces of society. Thus, productive forces are a system of subjective, material and functional elements that realize the "exchange of substances" between man and nature in the process of social production.

ANALYSIS OF RECENT RESEARCH AND PUBLICATIONS

In the system of productive forces, an important role belongs to functional elements - technology and production organization. Functional productive forces are the very method of joint activity of people (the technological mode of production). In the process of labor relations are formed, conditioned by the needs of technology and the organization of production. This includes the division of labor, its specialization, cooperation, combination, the sequence of technological operations, the management of the production process, etc. Functional productive forces are also called production and technical relations, which should be distinguished from production relations [2, p. 89]. A decisive role in the structure of production relations belongs to ownership of the means of production. Industrial relations give all social phenomena and society as a whole a certain social quality, while production and technical relations form only the technological quality of production.

Assuming that the technical potential is an integral part of the resource, productive potential, we will characterize these concepts, their elements and, using the deductive method of scientific research, we will designate the essence and components of the technical potential in agriculture.

In our opinion, the technical potential, as a projection of the productive forces of society on the level of the individual subject of the economy, organically includes the elements of the productive forces in terms of means of labor and labor itself, as the expedient activity of workers with their labor skills, knowledge and experience [2, p. 121].

Summarizing the opinions of classics and modern scientists connected with the problem under study[5,6,7,8], in our opinion, trying to avoid the revealed shortcomings and contradictions that make up the elements of the technical potential and its place in the production potential, it is possible to visualize as following (see Figure 1):.

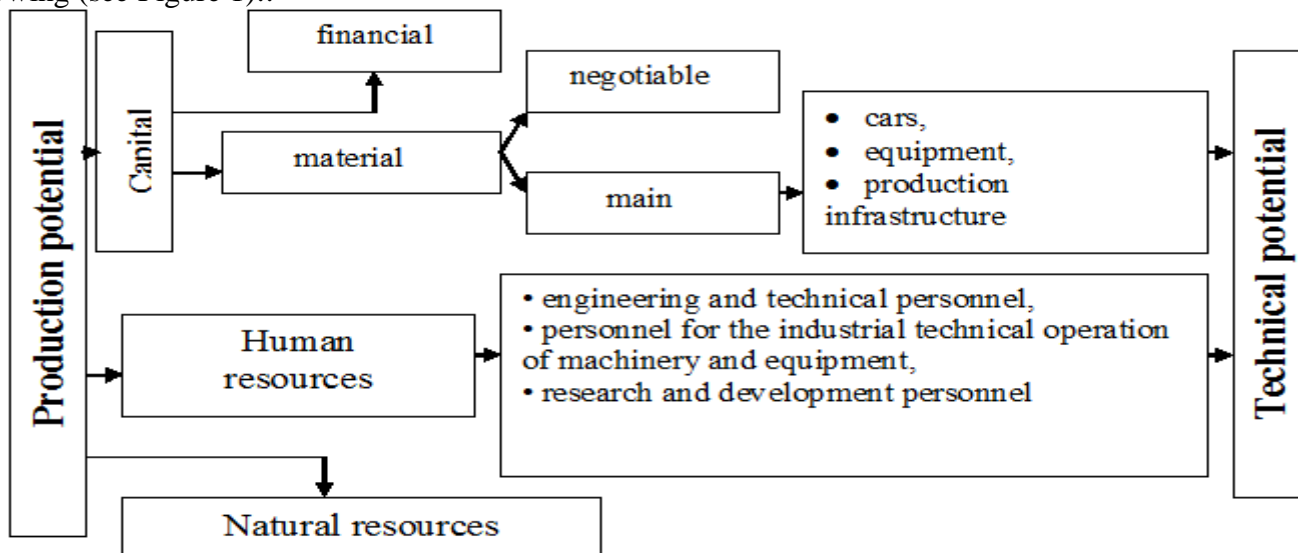


Figure 1. Elements of technical capacity and their place in the production capacity (Source: developed by the author)

By detailing the composition of the elements of the technical potential in relation to agricultural production, it can be represented in the form of the following scheme (see, Figure 2).

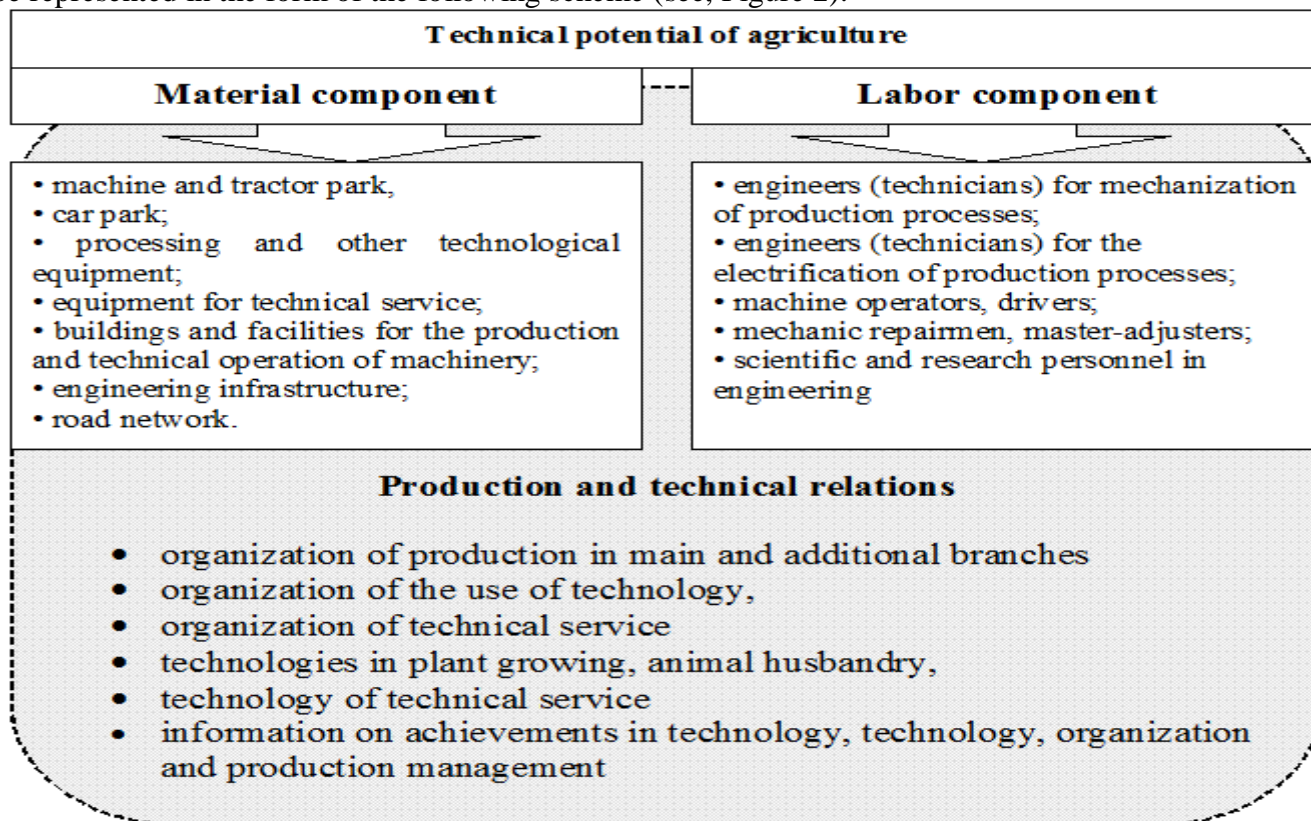


Figure 2. Components of technical capacity in agricultural production (Source: developed by the author)

CONCLUSIONS

The method of joint functioning of the material and labor component determines the production and technical relations conditioned by the needs of technology and the organization of production. Thus, the technical potential in agriculture includes a certain part of the material and human resources, united by the technological method of production and ensuring the progressive development of production and socio-economic processes in agriculture.

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