

The Role of the Model Farm in Improving the Economic Efficiency of Freight Transportation

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Abstract: In this thesis, the role of the model farm in increasing the economic efficiency of freight transportation in Azerbaijan is investigated. The geographical position of Azerbaijan, its location in a particularly favorable climate zone, and the fact that our Republic has land areas for the cultivation of fruits and vegetables, which are included in our diet, are a continuous visual proof of the development of the economy. This location allows Azerbaijan, which is considered to be the land of fires and has an ancient history, to play an important role in international trade. Cargo transportation is organized on the basis of various models and economic systems. The role of the model farm is great for increasing economic efficiency in freight transportation. In addition, the model is used to increase efficiency, reduce costs and ensure timely delivery of cargo thanks to the economy.

The efficiency and development of freight transportation significantly determines the economic future of our Azerbaijan, which has the conditions for growing our rich, abundant crops. As a result of this, the development of Azerbaijan's cargo transportation lays the foundation for the expansion of the country's economy and international relations.

Keywords: Azerbaijan, trade, costs, cargo transportation, geographic location, international trade, economic efficiency, model economy, etc.

INTRODUCTION

Transportation is the movement of people, animals and goods from one point to another by means of transport. In addition, transportation is a process that combines means of transport, road connections, vehicles, as well as various technical devices, mechanisms and relevant structures. Transportation is a labor-intensive and time-consuming responsible process carried out between the sender, receiver and carrier transport enterprises. Freight transportation is the process of transporting goods and materials from one place to another by various means of transport. These transportations can be carried out by road, rail, air, sea and pipeline transport [1]. Freight transportation is one of the main factors in the economic development of countries. For example, many studies show that efficient freight transportation promotes the growth of trade and the expansion of markets [2].

ANALIZ

Currently, the sea, rail, air, and road transportation models used in cargo transportation and other types of vehicles have their own role in transportation. Although each type of vehicle mentioned has the right to participate in international and domestic cargo transportation, it has its own advantages and disadvantages. In order to overcome these disadvantages, it is necessary to use the application of models specific to different fields during cargo transportation.

Loading is a precise and experienced process. For this, it is necessary to determine the effective use of the transportation time used during cargo transportation by using the necessary equipment and devices, which requires the correct selection of loading means. In particular, the points that require the most attention during the transportation process are the physical and chemical properties of the cargo, road distances, safety, determining the delivery time, and strengthening control over the transported cargo, which creates the basis for eliminating problems during cargo transportation.

The adoption of the Law of the Republic of Azerbaijan on the Rules of Cargo Transportation is an integral part of the transportation process. These rules determine the requirements for the transportation of various types of cargo by carriers in domestic cargo transportation, including the relationship and responsibility between the individual or legal entity carrying out the delivery from one facility to another.

METHODS

Since agricultural products are food and light industrial products, they are inevitably subject to rapid deterioration. They are even products obtained through a sequence of planting, cultivation, irrigation, fertilization, etc. according to the seasons. The transportation of these products, whether domestic or international, requires attention. The classification of the main transported agricultural products is as follows:

1. Wheat-type products
2. Vegetables
3. Fruits
4. Cotton
5. Livestock products
6. Fertilizer products [3].

That is, it is necessary to carry out the delivery flawlessly within the time limit by using all harmless methods that slow down the deterioration so that maximum effect is achieved from minimum effect. Such cost-effective freight transportation leads to the achievement of economic efficiency. Freight transportation moves goods or cargo using various methods such as trucks, trains, ships or airplanes.

There are some basic procedures that we must follow to ensure smooth and successful freight transportation [4].

CONCLUSIONS

As we know, refrigerators equipped with special chambers are used in the agricultural sector to prevent spoilage of products. Also, when carrying out cargo transportation operations, the temperature of those products - from the point of view of the transportation environment - is regulated with special devices, which creates conditions for delaying moisture, ventilation, and rapid maturation. In addition, packaging, which is one of the indicators of standards, plays a special role in the transportation process. It is not excluded that there are weathering and physical effects during cargo transportation. Taking into account these effects, it is important to implement protective measures to prevent changes in their characteristics and properties, and damage during loading and unloading operations. However, it is important to deliver goods from one point to another while maintaining their safety and quality. For this reason, the function of the model farm, which plays a key role in increasing the economic efficiency of cargo transportation, is of particular importance.

Model economy is a system that applies an experience base and innovative solutions created to manage and increase the efficiency of freight transportation. Its main roles in freight transportation are as follows:

Application of advanced technologies, carrying out the improvement process using experimental and scientific and technical achievements, regulation of resources during freight transportation, reducing environmental impact, is considered an important sequence classification for the efficiency of the model economy in transportation. This sequence can be shown as follows.

- ✓ Application of the experimental process and advanced standards;
- ✓ Use of innovative technology;
- ✓ Use of resources and achieving savings;
- ✓ Use of optimal models during freight transportation;
- ✓ Avoidance of environmental problems

The application of model farms in freight transportation is of particular importance. This importance contributes to increasing efficiency, minimizing costs, and preserving ecological stability. A systematic approach creates the basis for the optimization of future work in the field of transport and the introduction of innovations.

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