

"THE PLACE AND ROLE OF FLOWER PRODUCTION IN AGRICULTURE OF UZBEKISTAN"

Author:

Mukhtarova Donata Ravshanbekovna.

*«Tashkent Institute of Irrigation and Agricultural Mechanization
Engineers» National Research University (TIAME).*

***Abstract:** Flower production occupies an important place in the structure of agriculture in Uzbekistan, playing a significant role in the country's economy, job creation and development of export potential. The article discusses the current state of floriculture in Uzbekistan, its economic significance, problems and development prospects. Particular attention is paid to the role of state support, the introduction of modern technologies and the expansion of export opportunities.*

Introduction

Agriculture is one of the key sectors of the world economy, providing food security and a raw material base for various industries. However, in addition to traditional areas such as crop production and livestock farming, more and more attention is paid to specialized sectors, among which floriculture occupies a special place. Flower production, including cut flowers, potted plants and ornamental crops, plays an important role in satisfying the aesthetic and cultural needs of society, and contributes to the agricultural economy.

Uzbekistan's agriculture has traditionally focused on growing cotton, grain, fruits and vegetables. However, in recent decades, there has been a growing interest in non-traditional areas, such as floriculture. Flower production is becoming an important element of the agricultural sector, contributing to the diversification of agriculture and increasing farmers' incomes. Uzbekistan, due to favorable climatic conditions and the availability of labor resources, has significant potential for the development of the flower industry.

Modern technologies play an important role in floriculture. The use of hydroponics, automated irrigation systems and climate control can significantly increase the yield and quality of products. Another important aspect is the selection of varieties that are resistant to diseases and adverse conditions.

The current state of floriculture in Uzbekistan

Floriculture in Uzbekistan is developing both in open ground and in greenhouse conditions. The main regions where flower production is concentrated are Tashkent, Samarkand, Fergana and Andijan regions. Both ornamental flowers (roses, tulips, chrysanthemums, carnations) and flowers for the production of essential oils (lavender, rose) are grown.

In recent years, there has been an increase in the number of greenhouse farms specializing in flower growing. This is due to the introduction of modern technologies, such as drip irrigation, automated microclimate control systems and the use of high-quality seeds and seedlings. However, the share of flower production in the total volume of agricultural production remains relatively small, indicating significant potential for growth.

Economic importance of flower production

Floriculture is an important area of agriculture that focuses on growing various types of flowers for decorative purposes. These flowers are used to create beautiful flower beds, bouquets, and landscaping, as well as to decorate interiors.

In floriculture, some plants are grown in open ground, while others require special conditions, such as greenhouses or orangeries. There is also ornamental floriculture, which plays a significant role in the design of urban spaces, including parks and squares. The main purpose of such plants is aesthetic perception, as they are not only pleasing to the eye, but can also have medicinal properties. Some of them, such as mint and apple, are used in cooking, and also serve as raw materials for natural cosmetics and medicines. Perennials are often purchased already sprouted, and today it is not difficult to find seedlings of perennial flowers thanks to the many floriculture farms.

Floriculture includes many areas, each of which has its own specific goals, but they are united by one common goal - improving the environment. Even such modern sciences as Feng Shui are based on the harmonious combination of flowers and their arrangement in space. It is important to understand the influence of plants on a person and his condition, because each flower has its own character, like a person, which emphasizes the importance of floriculture in agriculture.

Flower products have high added value, which makes them attractive to farmers and entrepreneurs. Flower exports from Uzbekistan have shown steady growth in recent years. The main sales markets are the CIS countries, including Russia, Kazakhstan and Kyrgyzstan, as well as countries in Europe and the Middle East.

The development of floriculture contributes to the creation of new jobs, especially in rural areas, where unemployment remains high. In addition, the flower industry stimulates the development of related sectors, such as logistics, packaging and marketing.

Problems and challenges

Despite positive trends, the flower industry in Uzbekistan faces a number of problems. These include:

1. Lack of modern technologies and equipment in small and medium-sized farms.
2. Limited access to financing for farmers wishing to develop flower production.
3. Insufficient development of logistics infrastructure, which complicates the export of products.
4. Lack of qualified personnel in the field of floriculture and marketing.

State support and development prospects

The government of Uzbekistan actively supports the development of the flower industry. Within the framework of state programs, preferential loans, subsidies for the purchase of equipment and seeds are provided, and training

programs for farmers are organized. In addition, special clusters are created that unite producers, processors and exporters of flower products.

Prospects for the development of floriculture in Uzbekistan are associated with the expansion of export opportunities, the introduction of innovative technologies and improving the quality of products. An important step is the development of the brand of Uzbek flowers in international markets, which requires an active marketing strategy and participation in international exhibitions.

Conclusion

Floriculture in agriculture is a dynamically developing industry that combines art and science. With the growing interest in ecology and sustainable development, the future of floriculture promises to be promising. Investing in new technologies and sustainable practices will not only improve the quality of products, but also preserve nature for future generations.

Flower products occupy an important place in the agriculture of Uzbekistan, contributing to the diversification of the agricultural sector and increasing the country's export potential. For further development of the industry, it is necessary to solve existing problems, including modernization of production, improvement of logistics and training of qualified personnel. With the support of the state and the active participation of the private sector, floriculture can become one of the key sectors of agriculture in Uzbekistan, making a significant contribution to the country's economy.

LITERATURE

1. Data from the Ministry of Agriculture of the Republic of Uzbekistan.
2. Reports on the export of flower products for 2020-2023.
3. Research in the field of agricultural technology and floriculture.
4. State programs to support agriculture in Uzbekistan.