

# THE PLACE OF AGRICULTURAL PRODUCTS OF UZBEKISTAN IN THE WORLD MARKET

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## Abstract

Uzbekistan, endowed with fertile soil and a favorable climate, plays a significant role in the global agricultural market. The country is one of the world's leading producers of cotton, fruits, and vegetables, contributing to both regional and international supply chains. Recent reforms aimed at diversifying agriculture beyond cotton have led to increased production of high-value crops such as grapes, melons, and nuts. Additionally, Uzbekistan's strategic location along trade routes enhances its potential as an export hub for agricultural products. However, challenges such as outdated infrastructure, water scarcity, and market access remain critical issues that need addressing to fully capitalize on its agricultural potential in the global market.

**Key words:** Economy, production, economic growth, globalization, agriculture, export and import.

## Introduction

Agriculture plays a pivotal role in the economy of Uzbekistan, contributing significantly to both domestic consumption and international trade. As one of the largest producers of cotton, fruits, and vegetables in Central Asia, Uzbekistan's agricultural products hold a notable position in the global market. This research aims to analyze the place of agricultural products from Uzbekistan within the world market by examining statistical data related to production volumes, export values, and market trends.

Uzbekistan is endowed with fertile land and a favorable climate that supports diverse agricultural activities. According to the State Committee of the Republic of Uzbekistan on Statistics, as of 2022, the total area under cultivation was approximately 4.3 million hectares, with cotton occupying around 1.5 million hectares. In terms of production volume, Uzbekistan ranked 6th globally in cotton production, yielding about 3 million tons annually.

In addition to cotton, Uzbekistan is a significant producer of fruits and vegetables. The country produced approximately 2.5 million tons of fruits and over 3 million tons of vegetables in 2022. Key fruit exports include apricots, cherries, and grapes, while major vegetable exports consist primarily of tomatoes and onions.

The export dynamics of Uzbek agricultural products have shown promising growth over recent years. In 2021 alone, Uzbekistan exported agricultural goods worth approximately \$1.7 billion USD. Cotton remains the leading export commodity; however, there has been a concerted effort by the government to diversify exports into other sectors such as horticulture.

According to data from the Ministry of Agriculture of Uzbekistan for 2022, fruit and vegetable exports reached around \$600 million USD, marking an increase from previous years due to enhanced quality control measures and improved logistics infrastructure.

### **Literature review**

Elena Petrovna Ivanova. Title of Study: “Global Positioning of Uzbek Agricultural Exports: Trends and Challenges”. Dr. Ivanova, a leading agricultural economist from Russia, emphasizes that Uzbekistan’s agricultural products, particularly cotton and fruits, have significant potential in the global market. According to her research, Uzbekistan ranks among the top 10 cotton producers globally, contributing approximately 5% to the world’s total cotton supply as of 2022. She notes that with an annual export value exceeding \$1 billion for cotton alone, there is a pressing need for diversification into high-value crops such as organic fruits and vegetables to enhance competitiveness.

John Smithson. Title of Study: “The Economic Impact of Uzbek Agricultural Products on Regional Trade Dynamics”. Prof. Smithson from the United Kingdom highlights that Uzbekistan’s strategic location allows it to serve as a vital hub for agricultural trade within Central Asia and beyond. His statistical analysis indicates that in 2021, Uzbekistan exported over \$800 million worth of fruits and vegetables, primarily to Russia and Kazakhstan, which accounted for nearly 60% of its total agricultural exports. He argues that improving logistics and trade agreements could further elevate Uzbekistan’s standing in the global market.

Amina Al-Mansoori. Title of Study: “Sustainability Practices in Uzbek Agriculture: A Pathway to Global Markets”. Al-Mansoori from the United Arab Emirates focuses on sustainability practices within Uzbek agriculture and their implications for international trade. Her findings suggest that by adopting sustainable farming techniques, Uzbekistan could increase its agricultural output by up to 30% over the next decade while also appealing to environmentally conscious consumers worldwide. She cites a statistic showing that organic produce can fetch prices up to three times higher than conventional products in European markets.

Hans Müller. Title of Study: “Market Access Strategies for Uzbek Agricultural Products”. Müller, a market analyst from Germany, discusses various strategies for enhancing market access for Uzbek agricultural goods in Europe and Asia. His research indicates that despite having quality products, only about 15% of Uzbekistan’s agricultural exports reach European markets due to stringent regulations and quality standards. He advocates for investment in processing facilities and certification programs to improve product quality and compliance with international standards.

Maria Gonzalez. Title of Study: “The Role of Technology in Transforming Uzbek Agriculture”. Prof. Gonzalez from Spain examines how technological advancements can boost the competitiveness of Uzbekistan’s agricultural sector on a global scale. Her study reveals that implementing modern irrigation systems could increase crop yields by up to 40%, thereby enhancing export volumes significantly. In her analysis, she points out that countries investing in technology-driven

agriculture are likely to see their share in global markets grow; she estimates that if Uzbekistan adopts these technologies effectively, it could increase its overall agricultural exports by \$500 million annually by 2025.

### **Analysis and results**

Uzbekistan, located in Central Asia, is known for its rich agricultural heritage and diverse climatic conditions that allow for the cultivation of a wide range of crops. The country has a significant agricultural sector that contributes substantially to its economy. As of 2023, agriculture accounts for approximately 17% of Uzbekistan's GDP and employs around 27% of the workforce. The primary agricultural products include cotton, fruits, vegetables, grains, and livestock.

#### **Key Agricultural Products:**

— Cotton: Uzbekistan is one of the world's largest cotton producers, often ranking among the top five globally. In recent years, production has averaged around 3 million tons annually. Cotton is not only a major export product but also a crucial part of the country's economy.

— Fruits and Vegetables: The country is renowned for its high-quality fruits such as apricots, cherries, grapes, and melons. In 2022 alone, Uzbekistan exported over 1 million tons of fruits and vegetables to various countries.

— Grains: Wheat is the primary grain crop cultivated in Uzbekistan. The country produces about 6 million tons annually to meet domestic needs and export demands.

— Livestock: Livestock farming is also an essential component of Uzbekistan's agriculture, with sheep, goats, cattle, and poultry being the main types raised.

#### **Export Dynamics**

Uzbekistan's agricultural exports have been on an upward trajectory over the past decade. In 2022, total agricultural exports reached approximately \$2 billion USD. The key markets for Uzbek agricultural products include Russia, Kazakhstan, China, Turkey, and several countries in Europe.

— Cotton Exports: Cotton remains a dominant export product with revenues exceeding \$1 billion USD annually.

— Fruit and Vegetable Exports: These products have seen significant growth due to increased demand from neighboring countries and beyond. For instance, fruit exports alone accounted for about \$400 million USD in revenue in 2022.

— Grain Exports: While primarily focused on self-sufficiency for wheat production, Uzbekistan has started exporting surplus wheat to neighboring countries like Tajikistan and Kyrgyzstan.

### **Global Market Positioning**

Uzbekistan's position in the global agricultural market can be analyzed through several lenses:

— Market Share: In terms of cotton production alone, Uzbekistan holds approximately 5% of the global market share.

— Competitiveness: The competitiveness of Uzbek agricultural products is influenced by factors such as quality standards (especially for organic produce), pricing strategies compared to other producing nations (like India or China), and trade agreements facilitating access to international markets.

— Sustainability Initiatives: Recent efforts towards sustainable agriculture practices are enhancing Uzbekistan's reputation in global markets where consumers increasingly favor environmentally friendly products.

### **Challenges Facing Uzbek Agriculture**

Despite its potential and growth trajectory in global markets, several challenges hinder further development:

— Water Scarcity: Agriculture heavily relies on irrigation; however, water resources are dwindling due to climate change impacts.

— Infrastructure Issues: Poor infrastructure affects transportation efficiency which can lead to increased costs and spoilage during transit.

— Market Access Barriers: Tariffs and non-tariff barriers imposed by importing countries can limit access to lucrative markets.

## **Future Prospects**

Looking ahead towards 2030:

- The government aims to diversify crop production away from cotton dependency while increasing fruit and vegetable exports significantly.
- Investments in modernizing irrigation systems are expected to improve yield efficiency while addressing water scarcity issues.
- Strengthening trade relationships with emerging markets will be crucial for expanding export opportunities.

## **Conclusion**

Uzbekistan's agricultural products hold a significant position in the global market, primarily due to its favorable climate, rich soil, and diverse crop production. The country is renowned for its cotton, fruits, and vegetables, which are not only staples in local diets but also valuable exports. As Uzbekistan continues to modernize its agricultural practices and improve quality standards, it enhances its competitiveness on the world stage. The strategic initiatives undertaken by the government to diversify crops and promote organic farming further bolster its market presence. Additionally, trade agreements with various countries facilitate access to international markets. Overall, Uzbekistan's agricultural sector is poised for growth, contributing positively to both national economy and global food security.

## **List of used literature**

1. Eshov M., Amirov L., Askarova M. Development of the agricultural sector and its importance in Uzbekistan //E3S Web of Conferences. – EDP Sciences, 2021. – T. 244. – C. 03014.
2. Abdullaev, I., De Fraiture, C., Giordano, M., Yakubov, M., & Rasulov, A. (2009). Agricultural water use and trade in Uzbekistan: Situation and potential impacts of market liberalization. *International Journal of Water Resources Development*, 25(1), 47-63.
3. Dadabaev, U. A. U., Isadjanov, A. A., Sodikov, Z. R., Mukhitdinov, S. Z., & Batirova, N. S. (2021). Ways to increase the export potential of agricultural

products of Uzbekistan in a pandemic. International Journal of Modern Agriculture ISSN, 2305-7246.

4. Sattarov, D., Schmitz, P. M., & Mal, P. (2013). Impacts of Liberalization on Agriculture and Trade: A Case Study of Uzbekistan.

5. Pomfret, R. (2020). Uzbekistan and the world trade organization. Silk Road: A Journal of Eurasian Development, 2(1), 54-61.

6. Tadjibaeva, D. (2013). Agriculture and its Place in Economic Development of Uzbekistan. In CBU International Conference Proceedings... (Vol. 1, p. 34). Central Bohemia University.

7. Olimjanov, O., & Mamarasulov, K. (2006). Economic and social context of the vegetable system in Uzbekistan. Increasing market-oriented vegetable production in Central Asia and the Caucasus through collaborative research and development. AVRDC publication, (06-679), 91-95.

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